

AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
Altino Dantas, Italo Yeltsin, Allysson Alex Araújo & Jerffeson Souza	Interactive Software Release Planning with Preferences Base	Proceedings of the 7th International Symposium on Search-Based Software Engineering (SSBSE '15), pp. 341-346, Bergamo Italy, 5-7 September	2015	1
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	1
Eric Schulte, Westley Weimer & Stephanie Forrest	Repairing COTS Router Firmware without Access to Source Code or Test Suites: A Case Study in Evolutionary Software Repair	Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (GECCO '15) - the 1st International	2015	1
Chris Simons, Jeremy Singer & David R. White	Search-Based Refactoring: Metrics Are Not Enough	7th International Symposium, SSBSE 2015, Bergamo, Italy, September 5-7, 2015, Proceedings	2015	3
Allysson Alex Araújo & Matheus Henrique Esteves Paixão	Machine Learning for User Modeling in an Interactive Genetic Algorithm for the Next Release Problem	Proceedings of the 6th International Symposium on Search-Based Software Engineering (SSBSE '14), Vol. 8636, pp. 228-233, Fortaleza Brazil, 26-	2014	1
Hamid Masoud & Saeed Jalili	A Clustering-based Model for Class Responsibility Assignment Problem in Object-Oriented Analysis	Journal of Systems and Software, Vol. 93, pp. 110-131, July	2014	1
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	Swarm Intelligence, Vol. 8(2), pp. 139-157, June	2014	1
Adnane Ghannem, Ghizlane El Boussaidi & Marouane Kessentini	Model Refactoring using Interactive Genetic Algorithm	Proceedings of the 5th International Symposium on Search Based Software Engineering (SSBSE '13), Vol. 8084, pp. 96-110, St. Petersburg Russia,	2013	1
Christopher Henard, Mike Papadakis, Gilles Perrouin, Jacques Klein & Yves Le Traon	Towards Automated Testing and Fixing of Re-engineered Feature Models	Proceedings of the 35th International Conference on Software Engineering (ICSE '13), pp. 1245-1248, San Francisco CA USA, 18-26 May	2013	1

Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	1
Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1
Christopher L. Simons	Whither (away) Software Engineers in SBSE?	Proceedings of the 1st International Workshop on Combining Modelling and Search-Based Software Engineering (CMSBSE '13), pp. 49-50, San	2013	1
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, Vol. 17(11), pp. 2147-2162, April	2013	1
Paolo Tonella, Angelo Susi & Francis Palma	Interactive Requirements Prioritization using a Genetic Algorithm	Information and Software Technology, Vol. 55(1), pp. 173-187, January	2013	1
Gabriele Bavota, Filomena Carnevale, Andrea De Lucia, Massimiliano Di Penta & Rocco Oliveto	Putting the Developer in-the-Loop: An Interactive GA for Software Re-modularization	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 75-89, Riva del Garda Italy, 28-	2012	1
Massimiliano Di Penta	SBSE Meets Software Maintenance: Achievements and Open Problems	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 27-28, Riva del Garda Italy, 28-	2012	1
Bogdan Marculescu, Robert Feldt & Richard Torkar	A Concept for an Interactive Search-Based Software Testing System	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 273-278, Riva del Garda Italy,	2012	1
Christopher L. Simons & Ian C. Parmee	Elegant Object-Oriented Software Design via Interactive, Evolutionary Computation	IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews, Vol. 42(6), pp. 1797-1805, November	2012	1
Alessandro Marchetto & Paolo Tonella	Using Search-based Algorithms for Ajax Event Sequence Generation during Testing	Empirical Software Engineering, Vol. 16(1), pp. 103-140, February	2011	1

Praveen Ranjan Srivastava	Structured Testing using Ant Colony Optimization	Proceedings of the 1st International Conference on Intelligent Interactive Technologies and Multimedia (IITM '10), pp. 203-207, Allahabad	2010	1
Felix F. Lindlar, Andreas Windisch & Joachim Wegener	Integrating Model-Based Testing with Evolutionary Functional Testing	Proceedings of the 3rd International Workshop on Search-Based Software Testing (SBST) in conjunction with ICST 2010, pp. 163-172, Paris	2010	2
Christopher L. Simons, Ian C. Parmee & Rhys Gwynllyw	Interactive, Evolutionary Search in Upstream Object-Oriented Class Design	IEEE Transactions on Software Engineering, Vol. 36(6), pp. 798-816, November-December	2010	1
Paolo Tonella, Angelo Susi & Francis Palma	Using Interactive GA for Requirements Prioritization	Proceedings of the 2nd International Symposium on Search Based Software Engineering (SSBSE '10), pp. 57-66, Benevento Italy, 7-9 September	2010	1
Christopher L. Simons & Ian C. Parmee	An Empirical Investigation of Search-based Computational Support for Conceptual Software Engineering Design	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09), pp. 2503-2508, San Antonio USA, 11-14 October	2009	1
An Ngo-The & Günther Ruhe	A Systematic Approach for Solving the Wicked Problem of Software Release Planning	Soft Computing - A Fusion of Foundations, Methodologies and Applications, Vol. 12(1), pp. 95-108, August	2008	1
Christopher L. Simons & Ian C. Parmee	User-centered, Evolutionary Search in Conceptual Software Design	Proceedings of the IEEE Congress on Evolutionary Computation (CEC '08) (World Congress on Computational Intelligence), pp. 869-876, Hong	2008	1
Christopher L. Simons & Ian C. Parmee Keijzer, M. (Hrsg.)	Agent-based Support for Interactive Search in Conceptual Software Engineering Design	Proceedings of the 10th Annual Conference on Genetic and Evolutionary Computation (GECCO '08), pp. 1785-1786, Atlanta GA USA, 12-16 July	2008	1
Christopher L. Simons & Ian C. Parmee	A Cross-Disciplinary Technology Transfer for Search-based Evolutionary Computing: from Engineering Design to Software Engineering	Engineering Optimization, Vol. 39(5), pp. 631-648, July	2007	1
Gerardo Canfora, Massimiliano Di Penta, Raffaele Esposito & Maria Luisa Villani	A Lightweight Approach for QoS-Aware Service Composition	Proceedings of the 2nd International Conference on Service Oriented Computing (ICSOC '04), New York USA, 15-18 November	2004	1

Gerry Dozier, Douglas Brown, John Hurley & Krystal Cain	Vulnerability Analysis of Immunity-based Intrusion Detection Systems using Evolutionary Hackers	Proceedings of the 2004 Conference on Genetic and Evolutionary Computation (GECCO '04), Vol. 3102, pp. 263-274, Seattle Washington USA, 26-	2004	1
Pär Carlshamre	Release Planning in Market-Driven Software Product Development: Provoking an Understanding	Requirements Engineering, Vol. 7(3), pp. 139-151	2002	2
Robert Feldt	An Interactive Software Development Workbench based on Biomimetic Algorithms	Tech. Report. (02-16), Gothenburg Sweden, November	2002	1
Kenneth Peter Williams	Evolutionary Algorithms for Automatic Parallelization	PhD Thesis. , Department of Computer Science, September School: University of Reading, UK	1998	1

Sorted by YEAR, AUTHOR'S SURNAME

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Lionel Briand, Shiva Nejati, Mehrdad Sabetzadeh & Domenico Bianculli	Testing the Untestable: Model Testing of Complex Software-intensive Systems	Proceedings of the 38th International Conference on Software Engineering Companion, pp. 789-792	2016	2.3
Sujit Chakrabarti & S. Ramesh	SymTest: A Framework for Symbolic Testing of Embedded Software	Proceedings of the 9th India Software Engineering Conference, pp. 48-58	2016	2.3
Tristan Dyer & John Baugh	SMT	Advances in Engineering Software, vol 92, pp. 27-39	2016	2.2
Stefan Fischer, Roberto E. Lopez-Herrejon, Rudolf Ramler & Alexander Egyed	A Preliminary Empirical Assessment of Similarity for Combinatorial Interaction Testing of Software Product Lines	Proceedings of the 9th International Workshop on Search-Based Software Testing	2016	2.3
Guo, Xinrui	SmartDebug: An Interactive Debug Assistant for Java	Proceedings of the 2016 24th ACM SIGSOFT International Symposium on Foundations of Software Engineering	2016	2.8
Li, Jing and Bao, Lingfeng and Xing, Zhenchang and Wang, Xinyu and Zhou, Bo	BPMIner: Mining Developers' Behavior Patterns from Screen-captured Task Videos	Proceedings of the 31st Annual ACM Symposium on Applied Computing	2016	2.8
Bogdan Marculescu, Simon Poulding, Robert Feldt, Kai Petersen & Richard Torkar	Tester Interactivity Makes a Difference in Search-based Software Testing	Information and Software Technology, vol. 78, pp.66-82	2016	2.3
Aurora Ramírez, José Raúl Romero & Sebastián Ventura	A comparative study of many-objective evolutionary algorithms for the discovery of software architectures	Empirical Software Engineering, vol. 21(6)	2016	1.1, 1.2
Chris Simons & Jim Smith	Exploiting Antipheromone in Ant Colony Optimisation for Interactive Search-Based Software Design and Refactoring	Proc. 2016 Genetic and Evolutionary Computation Conference Companion	2016	2.2

Deelman, Ewa	High Impact Computing: Computing for Science and the Science of Computing	Proceedings of the 24th International Symposium on High-Performance Parallel and Distributed Computing	2015	2.8
Scott Granneman	Linux Phrasebook	Addison-Wesley Professional	2015	2.3
Gang Hua & Xian-Sheng Hua	Mobile Cloud Visual Media Computing: From Interaction to Service	Springer Publishing Company, Incorporated	2015	2.2
Yue Jia, Myra B. Cohen, Mark Harman & Justyna Petke	Learning Combinatorial Interaction Test Generation Strategies Using Hyperheuristic Search	Proceedings of the 37th International Conference on Software Engineering - Volume 1, pp. 540-550	2015	1.1, 1.2
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	2.3
Minelli, Roberto and and, Andrea Mocci and Lanza, Michele	I Know What You Did Last Summer: An Investigation of How Developers Spend Their Time	Proceedings of the 2015 IEEE 23rd International Conference on Program Comprehension	2015	2.8
Justyna Petke	Constraints: The Future of Combinatorial Interaction Testing	Proceedings of the Eighth International Workshop on Search-Based Software Testing, pp. 17-18	2015	2.3
Kevic, Katja and Fritz, Thomas	A Dictionary to Translate Change Tasks to Source Code	Proceedings of the 11th Working Conference on Mining Software Repositories	2014	2.8
Aurora Ramírez, José Raúl Romero & Sebastián Ventura	On the Performance of Multiple Objective Evolutionary Algorithms for Software Architecture Discovery	Proceedings of the 2014 Annual Conference on Genetic and Evolutionary Computation, pp. 1287-1294	2014	1.1, 1.2
Charles Song, Adam Porter & Jeffrey S. Foster	iTree: Efficiently Discovering High-Coverage Configurations Using Interaction Trees	IEEE Trans. Softw. Eng., vol. 40(3), pp. 251-265.	2014	2.3

Huayao Wu & Changhai Nie	An Overview of Search Based Combinatorial Testing	Proceedings of the 7th International Workshop on Search-Based Software Testing, pp. 27-30	2014	2.3
Bozzon, Alessandro and Brambilla, Marco and Ceri, Stefano and Mazza, Davide	Exploratory Search Framework for Web Data Sources	The VLDB Journal	2013	2.7
Jiayu Luo, Ruiying Huang & Xiangping Chen	Automatic Validation of Design Decision Based on Multiple Analysis Methods Integration	Proceedings of the 2013 13th International Conference on Quality Software, pp. 333-340	2013	2.1
David A. Maltz	Challenges in Cloud Scale Data Centers	Proceedings of the ACM SIGMETRICS/International Conference on Measurement and Modeling of Computer	2013	2.2
Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	2.3
Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1.1, 1.2, 2.3
Markus Strohmaier	A Few Thoughts on Engineering Social Machines: Extended Abstract	Proceedings of the 22Nd International Conference on World Wide Web, pp. 919-920	2013	2.1
Christopher L. Simons	Whither (away) Software Engineers in SBSE?	Proceedings of the 1st International Workshop on Combining Modelling and Search-Based Software Engineering (CMSBSE '13), pp. 49-50, San	2013	1.1, 1.2
Christopher L. Simons & Jim E. Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, vol. 17(11), pp. 2147-2162, April	2013	2.2
Wang Yichen, Lan Xinsheng & Wang Yikun	Modeling Embedded Software Test Requirement Based on MARTE	Proceedings of the 2013 IEEE Seventh International Conference on Software Security and Reliability Companion, pp. 109-115	2013	2.1, 2.3

Yuanyuan Zhang, Mark Harman & Soo Ling Lim	Empirical Evaluation of Search Based Requirements Interaction Management	Information and Software Technology, vol. 55(1), pp.126-152	2013	1.1, 1.2
Massimiliano Di Penta	SBSE Meets Software Maintenance: Achievements and Open Problems	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 27-28, Riva del Garda Italy, 28-	2012	1.1, 1.2, 2.2, 2.5
Bogdan Marculescu, Robert Feldt & Richard Torkar	A Concept for an Interactive Search-Based Software Testing System	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 273-278, Riva del Garda Italy,	2012	2.3
Bozzon, Alessandro and Brambilla, Marco and Ceri, Stefano and Fraternali, Piero and Vadacca, Salvatore	Exploratory Search in Multi-domain Information Spaces with Liquid Query	Proceedings of the 20th International Conference Companion on World Wide Web	2011	2.7
del Sagrado, José and Águila, Isabel M. and Orellana, Francisco J.	Requirements Interaction in the Next Release Problem	Proceedings of the 13th Annual Conference Companion on Genetic and Evolutionary Computation	2011	2.8
Fang Deng and Jones, James A.	Inferred Dependence Coverage to Support Fault Contextualization	Proceedings of the 2011 26th IEEE/ACM International Conference on Automated Software Engineering	2011	2.8
Pittarello, Fabio and Gatto, Ivano	ToBoA-3D: An Architecture for Managing Top-down and Bottom-up Annotated 3D Objects and Spaces on the Web	Proceedings of the 16th International Conference on 3D Web Technology	2011	2.7
Sim, Susan Elliott and Umarji, Medha and Ratanotayanon, Sukanya and Lopes, Cristina V.	How Well Do Search Engines Support Code Retrieval on the Web?	ACM Trans. Softw. Eng. Methodol.	2011	2.8
William B. Langdon, Marck Harman & Yue Jia	Efficient Multi-objective Higher Order Mutation Testing with Genetic Programming	J. Syst. Softw., vol. 83(12), pp. 2416-2430	2010	2.3
Rastkar, Sarah and Murphy, Gail C. and Murray, Gabriel	Summarizing Software Artifacts: A Case Study of Bug Reports	Proceedings of the 32Nd ACM/IEEE International Conference on Software Engineering - Volume 1	2010	2.8

Brendan Ryder & Terry Anderson	Lightweight Personal Sensemaking Tools for the Web	Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Extending Boundaries, pp. 413-421	2010	2.1
Kumar Saurabh	Software Development and Testing: A System Dynamics Simulation and Modeling Approach	Proceedings of the 9th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems, pp. 67-72	2010	2.3
Xiang Chen, Qing Gu, Ang Li & Daoxu Chen	Variable Strength Interaction Testing with an Ant Colony System Approach	Proceedings of the 2009 16th Asia-Pacific Software Engineering Conference	2009	2.3
Izabela Salotti Gago, Vera M. Werneck & Rosa M. Costa	Modeling an Educational Multi-Agent System in MaSE	Proceedings of the 5th International Conference on Active Media Technology, pp. 335-346	2009	2.2
Lucas Michael Layman	Information Needs of Developers for Program Comprehension During Software Maintenance Tasks	PhD Thesis, North Carolina State University	2009	2.5
Brendan Ryder & Terry Anderson	'Coalesce': A Web-based Tool for Sensemaking	Proceedings of the 21st Annual Conference of the Australian Computer-Human Interaction Special Interest Group: Design: Open 24/7, pp. 289-292.	2009	2.1
Christopher L. Simons & Ian C. Parmee	An Empirical Investigation of Search-based Computational Support for Conceptual Software Engineering Design	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09), pp. 2503-2508, San Antonio USA, 11-14 October	2009	1.1, 1.2, 1.4, 2.2
Su, Moon Ting and Hirsch, Christian and Hosking, John	KaitoroBase: Visual Exploration of Software Architecture Documents	Proceedings of the 2009 IEEE/ACM International Conference on Automated Software Engineering	2009	2.7
Jianjun Yuan, Changjun Jiang & Zuowen Jiang	Improved Extremal Optimization for Constrained Pairwise Testing	Proceedings of the 2009 International Conference on Research Challenges in Computer Science, pp. 108-111	2009	2.3
Chmielewski, Jacek	Interaction Interfaces for Unrestricted Multimedia Interaction Descriptions	Proceedings of the 6th International Conference on Advances in Mobile Computing and Multimedia	2008	2.8

Myra B. Cohen, Charles J. Colbourn & Alan C. H. Ling	Constructing Strength Three Covering Arrays with Augmented Annealing	Discrete Math. Vol. 308(13), pp. 2709-2722	2008	2.3
Patrick Ehlen, Raquel Fernandez & Matthew Frampton	Designing and Evaluating Meeting Assistants, Keeping Humans in Mind	Proceedings of the 5th International Workshop on Machine Learning for Multimodal Interaction, pp. 309-314	2008	2.2
Christopher L. Simons & Ian C. Parmee	Agent-based Support for Interactive Search in Conceptual Software Engineering Design	Proceedings of the 10th Annual Conference on Genetic and Evolutionary Computation (GECCO '08), pp. 1785-1786, Atlanta GA USA, 12-16 July	2008	2.2
Renée C. Bryce & Charles J. Colbourn	The Density Algorithm for Pairwise Interaction Testing: Research Articles	Softw. Test. Verif. Reliab. Vol. 17(3), pp. 159-182	2007	2.3
Amy Kathleen Karlson	Interface and Interaction Design for One-handed Mobile Computing	PhD Thesis. University of Maryland at College Park.	2007	2.2
Thummalapenta, Suresh and Xie, Tao	Parseweb: A Programmer Assistant for Reusing Open Source Code on the Web	Proceedings of the Twenty-second IEEE/ACM International Conference on Automated Software Engineering	2007	2.8
Alp V. Asutay	Methodology for Non-systematic Information Seeking on the Web	PhD Thesis. University of Louisiana at Lafayette.	2006	2.2
Paulo Gomes & André Leitão	A Tool for Management and Reuse of Software Design Knowledge	Proceedings of the 15th International Conference on Managing Knowledge in a World of Networks, pp. 381-388	2006	2.2
Prasad Kulkarni, Wankang Zhao, Stephen Hines, David Whalley, Xin Yuan, Robert Engelen, Kyle van and Gallivan, Jason Hiser, Jack Davidson,	VISTA: VPO Interactive System for Tuning Applications	ACM Trans. Embed. Comput. Syst. Vol. 5(4), pp. 819-863	2006	2.2
Xianghui Hu, Xinan Tang & Bei Hua	High-performance IPv6 Forwarding Algorithm for Multi-core and Multithreaded Network Processor	Proceedings of the Eleventh ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming, pp. 168-177	2006	2.2

Renee Cathryn Turban	Algorithms for Covering Arrays	PhD Thesis, Arizona State University	2006	2.3
Susana Montero, Paloma Díaz & Ignacio Aedo	A Semantic Representation for Domain-specific Patterns	Proceedings of the 2004 International Conference on Metainformatics, pp. 129-140	2005	2.2
Christine J. Alvarado	Multi-domain Sketch Understanding	PhD Thesis. Massachusetts Institute of Technology	2004	2.2
Hassan Gomaa	Designing Software Product Lines with UML: From Use Cases to Pattern-Based Software Architectures	Addison Wesley Longman Publishing Co., Inc.	2004	2.1, 2.2
Brandon Morel & Perry Alexander	SPARTACAS Automating Component Reuse and Adaptation	IEEE Trans. Softw. Eng. Vol. 30(9), pp. 587-600	2004	2.2
Myra B. Cohen, Peter B. Gibbons, Warwick B. Mugridge & Charles J. Colbourn	Constructing Test Suites for Interaction Testing	Proceedings of the 25th International Conference on Software Engineering, pp. 38-48	2003	2.3
Evans	Domain-Driven Design: Tacking Complexity In the Heart of Software	Addison-Wesley Longman Publishing Co., Inc.	2003	2.2
Deborah Haralson, Derek Melber & Doug Bassett	MCSE Migrating from NT4 to Windows 2000 Exam Cram	Coriolis Value	2001	2.3
Natasha Knight	MCSE Windows 2000 Server: Exam Cram	Coriolis Group Books	2000	2.3
Kim Simmons, Jarret W. Buse & Todd B. Halping	MCSE Windows 2000 Network Design: Exam Cram	Coriolis Group Books	2000	2.3

Stolze, Markus and Koenemann, Jurgen and Handl, Daniela and Roth, Barbara Hayes and Kramer, Joseph	Designing Interactive Systems for 1-to-1 e-Commerce	CHI '00 Extended Abstracts on Human Factors in Computing Systems	2000	2.8
Tee Yong Chew, Martin Henz & Ka Boon Ng	A Toolkit for Constraint-Based Inference Engines	Proceedings of the Second International Workshop on Practical Aspects of Declarative Languages, pp. 185-199	2000	2.2
Zhou Yonglin PanYunhe	Agent-oriented Analysis and Modeling	SIGSOFT Softw. Eng. Notes, pp- 36-40	2000	2.1, 2.7
Gunter, Elsa L. and Peled, Doron	Path Exploration Tool	Proceedings of the 5th International Conference on Tools and Algorithms for Construction and Analysis of Systems, pp. 405-419	1999	2.3
Igarashi, Takeo and Mynatt, Elizabeth D. and Edwards, W. Keith and LaMarca, Anthony	Demonstrating Flatland User Interfaces	CHI '99 Extended Abstracts on Human Factors in Computing Systems	1999	2.7
Mary Jean Harrold, Gregg Rothermel & Saurabh Sinha	Computation of Interprocedural Control Dependence	SIGSOFT Softw. Eng. Notes, pp. 11-20	1998	2.3
David Johnson, Michael Stewart & James Michael Stewart	MCSE Proxy Server 2 Exam Prep	Coriolis Value	1998	2.1
Woody Leonhard & Barry Simon	The Mother of All Windows 98 Books	Addison-Wesley Longman Publishing Co., Inc.	1998	2.2
Ed Tittel & James Michael Stewart	MCSE Windows 95 Exam Cram	Coriolis Value	1998	2.3
Ed Tittel, James Michael Stewart & Kurt Hudson	MCSE Networking Essentials Exam Cram	Coriolis Group Books	1997	2.3

Paul W. Abrahams	UNIX for the Impatient	Addison-Wesley Longman Publishing Co., Inc.	1995	2.2
Burnell, Lisa and Horvitz, Eric	Structure and Chance: Melding Logic and Probability for Software Debugging	Commun. ACM	1995	2.8
Simon Thompson	Miranda: The Craft of Functional Programming	Addison-Wesley Longman Publishing Co., Inc.	1995	2.2, 2.3
Donaldson, Cameron	InQuisiX—An Electronic Catalog for Software Reuse	SIGIR Forum	1994	2.8
Christine Johanna Walter	The Interaction of the Construct of Field Dependence and the Breadth and Depth of Menu Design	PhD Thesis, University of Pittsburgh	1992	2.2
Michael L. Dertouzos	Redefining Tomorrow's User Interface (Plenary Address)	Proceedings of the SIGCHI Conference on Human Factors in Computing Systems	1990	2.2
Per Brinch Hansen	The Architecture of Concurrent Programs	Prentice-Hall, Inc.	1977	2.1, 2.2

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Bogdan Marculescu, Simon M. Poulding, Robert Feldt & Kai Petersen, Richard Torkar	Tester Interactivity makes a Difference in Search-Based Software Testing: A Controlled Experiment	Information & Software Technology, vol. 78, pp. 66-82	2016	1.2, 2.5
Chris Simons & Jim Smith	Exploiting Antipheromone in Ant Colony Optimisation for Interactive Search-Based Software Design and Refactoring	Proc. 2016 Genetic and Evolutionary Computation Conference Companion	2016	1.2, 2.3, 2.4
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	1.2, 2.5
Bogdan Marculescu, Simon M. Poulding, Robert Feldt & Kai Petersen, Richard Torkar	Tester Interactivity makes a Difference in Search-Based Software Testing: A Controlled Experiment	CoRR abs/1512.04812 (TR, ARXIV)	2015	1.2, 2.5
Antônio Mauricio Pitangueira	Incorporating preferences from multiple stakeholders in software requirements selection: an interactive search-based approach	23rd IEEE International Requirements Engineering Conference, RE 2015, Ottawa, ON, Canada, August 24-28, 2015	2015	1.2, 2.1
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	Swarm Intelligence, Vol. 8(2), pp. 139-157, June	2014	2.4
Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	1.2, 2.5
Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1.2
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, Vol. 17(11), pp. 2147-2162, April	2013	1.2, 2.3

Bogdan Marculescu, Robert Feldt & Richard Torkar	A Concept for an Interactive Search-Based Software Testing System	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 273-278, Riva del Garda Italy,	2012	1.2, 2.5
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	CoRR abs/1212.5461 (TR, ARXIV)	2012	2.4
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	CoRR abs/1211.3371 (TR, ARXIV)	2012	1.2, 2.3
Meghna Babbar-Sebens & Barbara S. Minsker	A Case-Based Micro Interactive Genetic Algorithm (CBMIGA) for interactive learning and search: Methodology and application to groundwater	Environmental Modelling and Software 25(10): 1176-1187	2010	1.2, 2.3
Mauro Brunato and Roberto Battiti	Grapheur: A Software Architecture for Reactive and Interactive Optimization	Learning and Intelligent Optimization, 4th International Conference, LION 4, Venice, Italy, January 18-22, 2010. Selected Papers	2010	2.13
Christopher L. Simons, Ian C. Parmee & Rhys Gwynllyw	Interactive, Evolutionary Search in Upstream Object-Oriented Class Design	IEEE Transactions on Software Engineering, Vol. 36(6), pp. 798-816, November-December	2010	1.2, 2.3, 2.20
Christopher L. Simons & Ian C. Parmee	Dynamic parameter control of interactive local search in UML software design	Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, Istanbul, Turkey, 10-13 October 2010	2010	1.2, 2.3
Nacim Yanes, Sihem Ben Sassi & Henda Hajjami Ben Ghézala	Towards an Intelligent User Centered Search Engine for COTS Components	Proceedings of the 2010 International Conference on Software Engineering Research & Practice, SERP 2010, July 12-15, 2010, Las Vegas, Nevada,	2010	1.5
Christopher L. Simons & Ian C. Parmee Keijzer, M. (Hrsg.)	Agent-based Support for Interactive Search in Conceptual Software Engineering Design	Proceedings of the 10th Annual Conference on Genetic and Evolutionary Computation (GECCO '08), pp. 1785-1786, Atlanta GA USA, 12-16 July	2008	1.1, 1.2, 1.5, 2.3
Joshua B. Kollat & Patrick M. Reed	A framework for Visually Interactive Decision-making and Design using Evolutionary Multi-objective Optimization (VIDEO).	Environmental Modelling and Software 22(12), pp. 1691-1704	2007	2.4, 2.21

Patrick M. Reed, Joshua B. Kollat & V. K. Devireddy	Using interactive archives in evolutionary multiobjective optimization: A case study for long-term groundwater monitoring design	Environmental Modelling and Software 22(5): 683-692 (2007)	2007	2.4,2.21
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Sorted by YEAR, AUTHOR'S SURNAME

AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
M. Aly and M. Franke and M. Kretz and F. Schamel and P. Simoens	Service Oriented Interactive Media (SOIM) Engines Enabled by Optimized Resource Sharing	2016 IEEE Symposium on Service-Oriented System Engineering (SOSE)	2016	2.8
Hong Lu, Tao Yue, Shaukat Ali & Li Zhang	Nonconformity Resolving Recommendations for Product Line Configuration	2016 IEEE International Conference on Software Testing, Verification and Validation (ICST)	2016	1, 2.3
L. Ponzanelli and G. Bavota and A. Mocci and M. Di Penta and R. Oliveto and B. Russo and S. Haiduc and M. Lanza	CodeTube: Extracting Relevant Fragments from Software Development Video Tutorials	2016 IEEE/ACM 38th International Conference on Software Engineering Companion (ICSE-C)	2016	2.9
A. Wilhelm and V. Savu and E. Amadasun and M. Gerndt and T. Schuele	A Visualization Framework for Parallelization	2016 IEEE Working Conference on Software Visualization (VISSOFT)	2016	2.8
T. Yue and S. Ali and H. Lu and K. Nie	Search-based decision ordering to facilitate product line engineering of Cyber-Physical System	2016 4th International Conference on Model-Driven Engineering and Software Development (MODELSWARD)	2016	2.9
S. Bhamidipati and N. Fawaz and B. Kveton and A. Zhang	PriView: Personalized Media Consumption Meets Privacy against Inference Attacks	IEEE Software	2015	2.9
K. Damevski and D. C. Shepherd and L. Pollock	Scaling up evaluation of code search tools through developer usage metrics	2015 IEEE 22nd International Conference on Software Analysis, Evolution, and Reengineering (SANER), pp. 181-190	2015	2.5
Abel Méndez-Porras, Jorge Alfaro-Velásco, Marcelo Jenkins, Alexandra Martínez Porras & Abel Méndez-Porras	Automated testing framework for mobile applications based in user-interaction features and historical bug information	2015 Latin America Computing Conference (CLEI), pp. 1-8.	2015	2.3
Antônio Mauricio Pitangueira	Incorporating preferences from multiple stakeholders in software requirements selection: an interactive search-based approach	23rd IEEE International Requirements Engineering Conference, RE 2015, Ottawa, ON, Canada, August 24-28, 2015	2015	1, 2.1, 2.9

D. T. Nega and G. S. Tibba and A. V. Ramayya and B. G. H. Mariam	Software development for design, simulation and sizing of parabolic trough solar thermal power plant (EthioSOLA)	AFRICON 2015	2015	2.9
A. Wilhelm and B. Sharmay and R. Malakary and T. Schule and M. Gerndt	Parceive: Interactive parallelization based on dynamic analysis	2015 IEEE 6th International Workshop on Program Comprehension through Dynamic Analysis (PCODA), pp. 1-6	2015	2.5
M. Wijnants and P. Quax and G. R. Ruiz and W. Lamotte and J. Claes and J. F. Macq	An optimized adaptive streaming framework for interactive immersive video experiences	2015 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting	2015	2.8
Z. Zhao and A. Taal and A. Jones and I. Taylor and V. Stankovski and I. G. Vega and F. J. Hidalgo and G. Suciú and A. Ulisses and P. Ferreira and C. d.	A Software Workbench for Interactive, Time Critical and Highly Self-Adaptive Cloud Applications (SWITCH)	2015 15th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing	2015	2.8
G. Bavota and A. Ciemniewska and I. Chulani and A. De Nigro and M. Di Penta and D. Galletti and R. Galoppini and T. F. Gordon and P. Kedziora and I.	The market for open source: An intelligent virtual open source marketplace	IEEE Conference on Software Maintenance, Reengineering and Reverse Engineering (CSMR-WCRE), 2014 Software Evolution Week, pp. 399-	2014	2.5, 2.9, 2.12
J. Edmondson and W. Anderson and J. Gray and J. P. Loyall and K. Schmid and J. White	Next-Generation Mobile Computing	IEEE Software	2014	2.9
M. M. Rahman and C. K. Roy	SurfClipse: Context-Aware Meta-search in the IDE	2014 IEEE International Conference on Software Maintenance and Evolution (ICSME), pp. 617-620	2014	2.5
P. Vrba and P. Kadera and M. Myslík and M. Klíma	JBoss ESB Sniffer	2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE), pp. 1724-1729	2014	2.5
S. Yeasmin and C. K. Roy and K. A. Schneider	Interactive Visualization of Bug Reports Using Topic Evolution and Extractive Summaries	2014 IEEE International Conference on Software Maintenance and Evolution (ICSME), pp. 421-425	2014	2.5
A. Zimmermann and B. Gonen and R. Schmidt and E. El-Sheikh and S. Bagui and N. Wilde	Adaptable Enterprise Architectures for Software Evolution of SmartLife Ecosystems	2014 IEEE 18th International Enterprise Distributed Object Computing Conference Workshops and Demonstrations	2014	2.12

Christopher Henard, Mike Papadakis, Gilles Perrouin, Jacques Klein & Yves Le Traon	Towards Automated Testing and Fixing of Re-engineered Feature Models	Proceedings of the 35th International Conference on Software Engineering (ICSE '13), pp. 1245-1248, San Francisco CA USA, 18-26 May	2013	1
Neesha Kodagoda, Simon Attfield, B. L. William Wong, Chris Rooney & Sharmin Choudhury	Using Interactive Visual Reasoning to Support Sense-Making: Implications for Design	IEEE Transactions on Visualization and Computer Graphics, vol. 19(12), pp. 2217-2226	2013	2.2
J. Luo and R. Huang and X. Chen	Automatic Validation of Design Decision Based on Multiple Analysis Methods Integration	2013 13th International Conference on Quality Software	2013	2.8
Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	1, 2.3
Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1, 2.3
Megumi Nakao, Mamoru Hosokawa, Yuichiro Imai, Nobuhiro Ueda, Toshihide Hatanaka, Kotaro Minato, Tadaaki Kirita & Tetsuya Matsuda	Volumetric surgical planning system for fibular transfer in mandibular reconstruction	2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), pp. 3367-3370	2013	2.2
L. Ponzanelli and A. Bacchelli and M. Lanza	Leveraging Crowd Knowledge for Software Comprehension and Development	17th European Conference on Software Maintenance and Reengineering (CSMR), pp. 57-66	2013	2.5, 2.9
M. Shedeed and G. Bahig and M. W. Elkharashi and M. Chen	Functional design and verification of automotive embedded software: An integrated system verification flow	2013 Saudi International Electronics, Communications and Photonics Conference	2013	2.10
Christopher L. Simons	Whither (away) Software Engineers in SBSE?	Proceedings of the 1st International Workshop on Combining Modelling and Search-Based Software Engineering (CMSBSE '13), pp. 49-50, San	2013	1
J. Wang and X. Peng and Z. Xing and W. Zhao	Improving feature location practice with multi-faceted interactive exploration	2013 35th International Conference on Software Engineering (ICSE), pp. 762-771	2013	2.5

Y. Grigoriadis and C. Stickel and W. Nagler and M. Ebner and M. Schön	Automated podcasting system for universities	2012 15th International Conference on Interactive Collaborative Learning (ICL)	2012	2.8
J. E. Jridi and H. Sahraoui and P. Langlais	Program analysis using interactive and visual querying	2012 ICSE Workshop on Search-Driven Development - Users, Infrastructure, Tools and Evaluation (SUITE), pp. 13-16	2012	2.5
P. Larsen and R. Ladelsky and J. Lidman and S. A. McKee and S. Karlsson and A. Zaks	Parallelizing more Loops with Compiler Guided Refactoring	2012 41st International Conference on Parallel Processing, pp. 410-419	2012	2.5
A. Meiappane and V. P. Venkatesan and A. Vikneshraj and N. A. Prasanna and V. Vittal Devanathan	An approach for identification and implementation of design patterns in online banking	2012 International Conference on Radar, Communication and Computing (ICRCC)	2012	2.8
S. Prochnow and G. Stenz and S. Ziemer	On development environments for aircraft modeling	2012 IEEE Aerospace Conference	2012	2.9
S. S. Srinivasa and D. Berenson and M. Cakmak and A. Collet and M. R. Dogar and A. D. Dragan and R. A. Knepper and T. Niemueller and K.	Herb 2.0: Lessons Learned From Developing a Mobile Manipulator for the Home	Proceedings of the IEEE	2012	2.8
M. W. Lee and S. w. Hwang and S. Kim	Integrating code search into the development session	2011 IEEE 27th International Conference on Data Engineering	2011	2.9
Lijie Wang, Lu Fang, Leye Wang, Ge Li, Bing Xie & Fuqing Yang	APIExample: An effective web search based usage example recommendation system for java APIs	2011 26th IEEE/ACM International Conference on Automated Software Engineering (ASE)	2011	1
Yue Youjun, Li Xiang, Wang Zongqiang & Zong Qun	Design and realization of multi-function car-carry fault diagnosis system	2011 International Conference on Transportation, Mechanical, and Electrical Engineering (TMEE), pp. 1949-1952	2011	2.2
Douglas A. Druckenmiller & William Acar	Engineering Dialectical Inquiry: Lessons Learned from Lab Explorations	2010 43rd Hawaii International Conference on System Sciences (HICSS), pp. 1-10.	2010	2.3

M. Fokaefs and D. Serrano and B. Tansey and E. Stroulia	2D and 3D visualizations in WikiDev2.0	2010 IEEE International Conference on Software Maintenance (ICSM), pp. 1-5	2010	2.5, 2.9
A. Fokin and K. Troshina and A. Chernov	Reconstruction of Class Hierarchies for Decompilation of C++ Programs	2010 14th European Conference on Software Maintenance and Reengineering (CSMR), pp. 240-243	2010	2.5
Felix Lindlar, Andreas Windisch & Joachim Wegener	Integrating Model-Based Testing with Evolutionary Functional Testing	2010 Third International Conference on Software Testing, Verification, and Validation Workshops (ICSTW), pp. 163-172.	2010	2.3
A. Marx and F. Beck and S. Diehl	Computer-Aided Extraction of Software Components	2010 17th Working Conference on Reverse Engineering	2010	2.9
Z. Pervez and Sungyoung Lee and Young-Koo Lee	Multi-Tenant, Secure, Load Disseminated SaaS Architecture	2010 The 12th International Conference on Advanced Communication Technology (ICACT)	2010	2.8
A. Pinciroli and G. Righini and M. Trubian	An interactive simulator of emergency management systems	2010 IEEE Workshop on Health Care Management (WHCM)	2010	2.9
Christopher L. Simons & Ian C. Parmee	Dynamic parameter control of interactive local search in UML software design	2010 IEEE International Conference on Systems Man and Cybernetics (SMC), pp. 3397-3404	2010	2.2
Christopher L. Simons, Ian C. Parmee & Rhys Gwynllyw	Interactive, Evolutionary Search in Upstream Object-Oriented Class Design	IEEE Transactions on Software Engineering, Vol. 36(6), pp. 798-816, November-December	2010	1, 2.2
Paolo Tonella, Angelo Susi & Francis Palma	Using Interactive GA for Requirements Prioritization	Proceedings of the 2nd International Symposium on Search Based Software Engineering (SSBSE '10), pp. 57-66, Benevento Italy, 7-9 September	2010	1
M. Yakout and A. K. Elmagarmid and J. Neville	Ranking for data repairs	2010 IEEE 26th International Conference on Data Engineering Workshops (ICDEW), pp. 23-28	2010	2.5

Li Yaling, Shu Hongping, Liu Kui & Luo Fei	Research Based on the Division of Functional Requirements of SAAS	2010 International Forum on Information Technology and Applications (IFITA), pp. 67-70	2010	2.2
Min Wang, Shuzhi Sam Ge, Keum-Shik Hong	Approximation-Based Adaptive Tracking Control of Pure-Feedback Nonlinear Systems with Multiple Unknown Time-Varying Delays	IEEE Transactions on Neural Networks	2010	2.2
Q. Zhang and P. Y. Tao and A. T. Abraham and B. Rebsamen and C. Yang and S. S. Ge	Mission-oriented design: A fully autonomous mobile urban robot	2010 IEEE Conference on Multisensor Fusion and Integration	2010	2.8
M. A. Arefin and M. Y. S. Uddin and I. Gupta and K. Nahrstedt	Q-Tree: A Multi-Attribute Based Range Query Solution for Tele-immersive Framework	29th IEEE International Conference on Distributed Computing Systems, 2009. ICDCS '09, pp. 299-307	2009	2.5
K. Beyls and E. H. D'Hollander	Refactoring for Data Locality	Computer, vol. 42(2), pp. 62-71	2009	2.5
Cosimo Birtolo, Paolo Pagano & Luigi Troiano	Evolving colors in user interfaces by interactive genetic algorithm	World Congress on Nature Biologically Inspired Computing, 2009. NaBIC 2009	2009	1
T. Chiang	Industry Seminar	2009 Tenth International Conference on Mobile Data Management: Systems, Services and Middleware	2009	2.8
N. Dadkhah and V. R. Korukanti and Z. Kong and B. Mettler	Experimental demonstration of an online trajectory optimization scheme using approximate spatial value functions	Proceedings of the 48th IEEE Conference on Decision and Control (CDC) held jointly with 2009 28th Chinese Control Conference	2009	2.8
Dong Huailin and Zheng Yuhui and Gao Xin and Chen Fan and Guo Xin-hua	The mobile search platform base on base station	2009 4th International Conference on Computer Science Education	2009	2.8
C. Huemer and P. Liegl and C. Pichler	A registry model for UN/CEFACT's core components	2009 IEEE International Conference on Service-Oriented Computing and Applications (SOCA)	2009	2.8

Z. Hussain and M. Lechner and H. Milchrahm and S. Shahzad and W. Slany and M. Umgeher and P. Wolkerstorfer	Concept and Design of a Contextual Mobile Multimedia Content Usability Study	2009 Second International Conferences on Advances in Computer-Human Interactions	2009	2.9
Sangho Kim, Kosuke Sekiyama & Toshio Fukuda	User-adaptive interface based on symbol matching for in-vehicle information systems	RO-MAN 2009 - The 18th IEEE International Symposium on Robot and Human Interactive Communication, pp. 415-420	2009	2.2
K. Pan and S. J. Turner and W. Cai and Z. Li	Multi-user Gaming on the Grid Using a Service Oriented HLA RTI	2009 13th IEEE/ACM International Symposium on Distributed Simulation and Real Time Applications	2009	2.8
B. Pirenne and E. Guillemot	The data management system for the VENUS and NEPTUNE cabled observatories	OCEANS 2009-EUROPE	2009	2.8
Jürgen Rossmann, Nico Hempe & Philipp Tietjen	A flexible model for real-time crowd simulation	IEEE International Conference on Systems, Man and Cybernetics, 2009. SMC 2009, pp. 2085-2090	2009	2.2
Christopher L. Simons & Ian C. Parmee	An Empirical Investigation of Search-based Computational Support for Conceptual Software Engineering Design	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09), pp. 2503-2508, San Antonio USA, 11-14 October	2009	1, 2.2
M. T. Su and C. Hirsch and J. Hosking	KaitoroBase: Visual Exploration of Software Architecture Documents	2009 IEEE/ACM International Conference on Automated Software Engineering	2009	2.8
D. Zhiwu and L. Hongwei	The Production System Optimizing Simulation in Petrochemical Industry Based on HLA	2009 Second International Symposium on Electronic Commerce and Security	2009	2.8
Z. Hussain and M. Lechner and H. Milchrahm and S. Shahzad and W. Slany and M. Umgeher and T. VlK and P. Wolkerstorfer	User Interface Design for a Mobile Multimedia Application: An Iterative Approach	First International Conference on Advances in Computer-Human Interaction	2008	2.9
L. Liu and L. Lin	ARED-CK: an Automated Requirements Elicitation Approach Based on Decision-making with Complete Knowledge	2008 First International Workshop on Managing Requirements Knowledge	2008	2.9

B. Paul and S. Ahern and W. Bethel and E. Brugger and R. Cook and J. Daniel and K. Lewis and J. Owen and D. Southard	Chromium Renderserver: Scalable and Open Remote Rendering Infrastructure	IEEE Transactions on Visualization and Computer Graphics	2008	2.8
Christopher L. Simons & Ian C. Parmee	User-centered, Evolutionary Search in Conceptual Software Design	Proceedings of the IEEE Congress on Evolutionary Computation (CEC '08) (World Congress on Computational Intelligence), pp. 869-876, Hong	2008	1, 2.2, 2.8, 2.9
Janar Thoguluva, Anand Raghunathan & Srimat T. Chakradhar	Efficient Software Architecture for IPsec Acceleration Using a Programmable Security Processor	2008 Design, Automation and Test in Europe, pp. 1148-1153	2008	2.2, 2.8
I. Agapov and W. Herr and G. ... Kruk and M. Lamont and F. Schmidt	LHC on-line model	2007 IEEE Particle Accelerator Conference (PAC)	2007	2.8
Iaakov Exman & Alex Shnayder	ScanObjects: Adding Steering Wheels to Search Engines	IEEE International Conference on Software-Science, Technology & Engineering, 2007. SwSTE 2007	2007	1, 2.8
H. M. Kienle and H. A. Muller	Requirements of Software Visualization Tools: A Literature Survey	2007 4th IEEE International Workshop on Visualizing Software for Understanding and Analysis, pp. 2-9	2007	2.5
Slawomir Koziel & John W. Bandler	SMF: A User-Friendly Software Engine for Space-Mapping-Based Engineering Design Optimization	2007 International Symposium on Signals, Systems and Electronics, pp. 157-160	2007	2.2
L. Xiaoli and W. Guoqing and J. Min and Y. Min and W. Weiming	Software architecture for a pattern based Question Answering system	5th ACIS International Conference on Software Engineering Research, Management Applications (SERA 2007)	2007	2.8, 2.9
Strahinja Dosen, & Dejan B. Popovic	Functional Electrical Stimulation: A MatLab Based Tool for Designing Stimulation Patterns	28th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006. EMBS'06, pp. 5404-5407.	2006	2.3
D. Hao and L. Zhang and H. Mei and J. Sun	Towards Interactive Fault Localization Using Test Information	2006 13th Asia Pacific Software Engineering Conference (APSEC'06), pp. 277-284	2006	2.3, 2.10

A. J. Ko and B. A. Myers and M. J. Coblenz and H. H. Aung	An Exploratory Study of How Developers Seek, Relate, and Collect Relevant Information during Software Maintenance Tasks	IEEE Transactions on Software Engineering, vol. 32(12), pp. 971-987	2006	2.5, 2.9
X. Li and D. Chen and L. Wang and A. Li	Research and Development of Distributed VR Driving System Based on Virtools	2006 10th International Conference on Computer Supported Cooperative Work in Design	2006	2.9
M. R. Morris and A. Paepcke and T. Winograd	TeamSearch: comparing techniques for co-present collaborative search of digital media	First IEEE International Workshop on Horizontal Interactive Human-Computer Systems (TABLETOP '06)	2006	2.2
M. Nowostawski and M. Purvis	Tagging and Referrals in the EVM Architecture	2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology	2006	2.8
G. A. Di Lucca and A. R. Fasolino and P. Tramontana	Recovering Interaction Design Patterns in Web Applications	Ninth European Conference on Software Maintenance and Reengineering, pp. 366-374	2005	2.5
A. Agrawal and M. Radhakrishna and R. C. Joshi	Dynamic multiresolution level of detail mesh simplification for real-time rendering of large digital terrain models	Proceedings of the IEEE INDICON 2004. First India Annual Conference, 2004, pp. 278-282.	2004	2.3
D. Bonyuet and M. Ma and K. Jaffrey	3D visualization for software development	Proceedings. IEEE International Conference on Web Services, 2004.	2004	2.8, 2.9
Yuan Li and Qijun Chen	MVC mode-based mobile telerobotic system and its Java implementation	Fifth World Congress on Intelligent Control and Automation, 2004. WCICA 2004, vol. 6,	2004	2.3
A. Purhonen	Performance optimization of embedded software architecture - a case study	Proceedings. Fourth Working IEEE/IFIP Conference on Software Architecture (WICSA 2004)	2004	2.8
P. Schaumont and I. Verbauwhede	Interactive cosimulation with partial evaluation	Proceedings Design, Automation and Test in Europe Conference and Exhibition, 2004. vol. 1	2004	2.3

A. Henrich and K. Morgenroth	Supporting collaborative software development by context-aware information retrieval facilities	14th International Workshop on Database and Expert Systems Applications, 2003. Proceedings.	2003	2.8, 2.9
W. Piekarski and B. H. Thomas	An object-oriented software architecture for 3D mixed reality applications	The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003. Proceedings.	2003	2.8, 2.9
J. Scott Hawker and H. M. Hong Ma and R. K. Smith	A Web-based process and process models to find and deliver information to improve the quality of flight software	Digital Avionics Systems Conference, 2003. DASC '03. The 22nd	2003	2.9
H. D. Nayar	Robotect: serial-link manipulator design software for modeling, visualization and performance analysis	7th International Conference on Control, Automation, Robotics and Vision, 2002. ICARCV 2002, vol. 3, pp. 1359-1364	2002	2.2
M. A. Jabbar and S. W. Yeo	A new architecture of design software for electric motors	2000 Canadian Conference on Electrical and Computer Engineering, vol. 1, pp. 360-364	2000	2.2
H. Batista and V. Costa and J. M. Pereira	Games of War and Peace: large scale simulation over the Internet	Proceedings Seventh International Conference on Virtual Systems and Multimedia	2001	2.8
M. A. Jabbar and S. W. Yeo	A new architecture of design software for electric motors	2000 Canadian Conference on Electrical and Computer Engineering. Conference Proceedings. Navigating to a New Era (Cat. No.00TH8492)	2000	2.8
J. Vetter and K. Schwan	Optimizations for language-directed computational steering	Proceedings 13th International Parallel Processing Symposium and 10th Symposium on Parallel and Distributed Processing. IPPS/SPDP 1999	1999	2.8
Byung-Do Yoon and O. N. Garcia	Cognitive activities and support in debugging	Proceedings., Fourth Annual Symposium on Human Interaction with Complex Systems, pp. 160-169,	1998	2.5
S. Jarzabek	Design of flexible static program analyzers with PQL	IEEE Transactions on Software Engineering, vol. 24(3), pp. 197-215	1998	2.5

D. J. Turnell and Q. V. de Fatima and M. Turnell and G. S. Deep and R. C. S. Freire	FarmWeb-an integrated, modular farm automation system	Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on	1998	2.9
P. N. Clout and R. T. Westervelt	Experience with Vsystem in a wide variety of applications	Proceedings of the 1997 Particle Accelerator Conference (Cat. No.97CH36167)	1997	2.8
M. Guzdial and M. McCracken and A. Elliott	LCD: a learner centered approach to developing educational software	Proceedings Frontiers in Education 1997 27th Annual Conference. Teaching and Learning in an Era of Change	1997	2.9
H. Abdel-Wahab and K. Mary and A. Youssef and E. Stoica and C. M. Overstreet and C. Wild and A. Gupta	The software architecture and interprocess communications of IRI: an Internet-based interactive distance learning system	Enabling Technologies: Infrastructure for Collaborative Enterprises, 1996. Proceedings of the 5th Workshop on	1996	2.8
J. Nielsen	Putting the user in user-interface testing	IEEE Software, vol. 13(3), pp. 89-90.	1996	2.3
S. Dick and T. Santem	Searching for a global search algorithm	Proceedings 10th Knowledge-Based Software Engineering Conference, 1995, pp. 52-59.	1995	2.2
T. Euman and J. Keane and T. Murata and M. Schwabacher	A transformation system for interactive reformulation of design optimization strategies	Proceedings 10th Knowledge-Based Software Engineering Conference, pp. 44-51	1995	2.3
W. Lutsch and P. Herberholz	Power plant services-new methods for cost-effective operation and training	Proceedings of EMPD '95., 1995 International Conference on Energy Management and Power Delivery, vol. 2, pp. 589-594	1995	2.5
K. R. Pattipati and V. Raghavan and M. Shakeri and S. Deb and R. Shrestha	TEAMS: Testability Engineering and Maintenance System	American Control Conference, vol. 2, pp. 1989-1995	1994	2.3
D. Geist and B. Melamed	TEStool: an environment for visual interactive modeling of autocorrelated traffic	IEEE International Conference on Communications, 1992. ICC '92, Conference record, SUPERCOMM/ICC '92, Discovering a New	1992	2.3

K. R. Pattipati and S. Deb and M. Dontamsetty and A. Maitra	START: System Testability Analysis and Research Tool	IEEE Aerospace and Electronic Systems Magazine, vol. 6, pp. 13-20	1991	2.3
P. Jubinski	VIRTAC, a virtual tactile computer display	Proceedings of the Johns Hopkins National Search for Computing Applications to Assist Persons with Disabilities, pp. 208-211	1992	2.5
J. R. Pimentel and E. A. Puente and D. Gachet and J. M. Pelaez	OPMOR: optimization of motion control algorithms for mobile robots	Proceedings of the 1992 International Conference on Industrial Electronics, Control, Instrumentation, and Automation, 1992. Power	1992	2.3
K. R. Pattipati and S. Deb and M. Dontamsetty and A. Maitra	START: System Testability Analysis and Research Tool	AUTOTESTCON '90. IEEE Systems Readiness Technology Conference. 'Advancing Mission Accomplishment', Conference, pp. 395-	1990	2.3
N. Shahmehri and M. Kamkar and P. Fritzson	Semi-automatic bug localization in software maintenance	Proceedings of the Conference on Software Maintenance, pp. 30-36	1990	2.5
L. Vanek and V. Gogan and M. Culp and S. Berkowitz	Interactive static analysis of Ada programs	Proceedings IEEE/AIAA/NASA 9th Digital Avionics Systems Conference, pp. 165-170.	1990	2.3
D. L. Zimmerman and M. R. Lowry	Algorithm design and parallel program development through formal specifications	Proceedings of the Twenty-Third Annual Hawaii International Conference on System Sciences, 1990.	1990	2.2
J. Rose	Reducing the cost and effort of computer-aided test program development	Proceedings. Seventh IEEE/CHMT International Electronic Manufacturing Technology Symposium, pp. 129-132	1989	2.3
R. A. Ammar and T. L. Booth	Software optimization using user models	IEEE Transactions on Systems, Man, and Cybernetics, pp. 552-560.	1988	2.2, 2.9
D. E. Mello	A user's experience validating telecommunications software using symbolic emulation	IEEE International Conference on Communications, 1988. ICC '88. Digital Technology - Spanning the Universe, vol.3, pp.	1988	2.3

G. Perlman and A. J. Moorhead	Applying hypertext methods for the effective utilization of standards	Computer Standards Evolution: Impact and Imperatives, Proceedings of the Computer Standards Conference, 1988, pp. 55-59	1988	2.2
J. A. Arulpragasam and R. A. Giggi and R. F. Lary and D. T. Sullivan and Chin-Chang Wu	Modular Minicomputers Using Microprocessors	IEEE Journal of Solid-State Circuits, pp. 85-96.	1980	2.2
C. Rich and H. E. Shrobe	Initial Report on a Lisp Programmer's Apprentice	IEEE Transactions on Software Engineering, vol. SE-4, pp. 456-467.	1978	2.2, 2.9

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AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
M. Aly and M. Franke and M. Kretz and F. Schamel and P. Simoens	Service Oriented Interactive Media (SOIM) Engines Enabled by Optimized Resource Sharing	2016 IEEE Symposium on Service-Oriented System Engineering (SOSE)	2016	2.8
Yasunori Aoki, Monika Sundqvist, Andrew C. Hooker & Peter Gennemark	PopED lite: An optimal design software for preclinical pharmacokinetic and pharmacodynamic studies	Computer Methods and Programs in Biomedicine, vol. 127, pp. 126-143	2016	2.2
Po-Hao Chen, Emmanuel Botzoulakis, Suyash Mohan, R. Nick Bryan, Tessa Cook	Feasibility of Streamlining an Interactive Bayesian-Based Diagnostic Support Tool Designed for Clinical Practice	Proc. Conference on Medical Imaging	2016	2.2
Thiago do Nascimento Ferreira and Allysson Allex Araújo and Altino Dantas Basílio Neto and Jerffeson Teixeira de Souza	Incorporating user preferences in ant colony optimization for the next release problem	Applied Soft Computing	2016	2.9
X. Guo	SmartDebug: An interactive debug assistant for Java	24th ACM SIGSOFT Symp. Foundations of Software Engineering, pp. 1127-1129	2016	2.9
Ghassan Kbar, Mustufa Haider Abidi, Syed Hammad Mian, Ahmad A. Al-Daraiseh & Wathiq Mansoor	A University-Based Smart and Context Aware Solution for People with Disabilities (USCAS-PWD)	Computers, vol. 5(3), article 18	2016	2.2
Wenwen Li, Sizhe Wang & Vidit Bhatia	PolarHub: A large-scale web crawling engine for OGC service discovery in cyberinfrastructure	Computers Environment and Urban Systems, vol. 59, pp. 195-207	2016	1, 2.2
Bogdan Marculescu, Simon Poulding, Robert Feldt, Kai Petersen & Richard Torkar	Tester Interactivity Makes a Difference in Search-based Software Testing	Information and Software Technology, vol. 78, pp.66-82	2016	2.3
Yi Qin, Chang Xu, Ping Yu & Jian Lu	SIT: Sampling-based interactive testing for self-adaptive apps	Journal of Systems and Software, vol. 120, pp. 70-88	2016	2.3

Anthony Poonam, Aggarwal Kushagra, Bhowmick Plaban Kumar	Architecture for User Experience Tracking and Analytics in National Digital Library	IEEE International Conference on Technology for Education	2016	2.8
L. Ponzanelli and G. Bavota and A. Mocci and M. Di Penta and R. Oliveto and B. Russo and S. Haiduc and M. Lanza	CodeTube: Extracting Relevant Fragments from Software Development Video Tutorials	2016 IEEE/ACM 38th International Conference on Software Engineering Companion (ICSE-C)	2016	2.9
Chris Simons & Jim Smith	Exploiting antipheromone in ant colony optimisation for interactive search-based software design and refactoring	Proceedings Genetic and Evolutionary Computation Conference, GECCO'16	2016	1, 2.2
Oleg Travkin, Heike Wehrheim	Verification of Concurrent Programs on Weak Memory Models	13th International Colloquium on Theoretical Aspects of Computing	2016	2.11
Ulrike Abelein, Barbara Paech	Understanding the Influence of User Participation and Involvement on System Success - a Systematic Mapping Study	Empirical Software Engineering	2015	2.9
Marta Beltran	Automatic provisioning of multi-tier applications in cloud computing	Journal of Supercomputing	2015	2.8
Kostadin Damevski, David C. Shepherd & Lori Pollock	Scaling up Evaluation of Code Search Tools through Developer Usage Metrics	International Conference on Software Analysis, Evolution and Reengineering, pp. 181-190	2015	2.5
DeDonato, Mathew; Dimitrov, Velin; Du, Ruixiang; Giovacchini, Ryan; Knoedler, Kevin; Long, Xianchao; Polido, Felipe; Gennert, Michael A.;	Human-in-the-loop Control of a Humanoid Robot for Disaster Response: A Report from the DARPA Robotics Challenge Trials	Journal of Fields Robotics	2015	2.8
Nozomi Hitomi, Daniel Selva	Experiments with Human Integration in Asynchronous and Sequential Multi-Agent Frameworks for Architecture Optimization	Conference on Systems Engineering Research	2015	2.8
Mohammad F. J. Klaib	A Parallel Tree Based Strategy for 3-way Interaction Testing	International Conference on Communications, Management, and Information Technology (ICCMIT'2015), vol. 65, pp. 377-384	2015	2.3, 2.9

Daniel Luna, Carlos Otero, Alfredo Almerares, Enrique Stanziola, Marcelo Risk & Fernan González Bernaldo de Quiros	Participatory design for drug-drug interaction alerts	Studies in health technology and informatics, vol. 210, p. 45	2015	2.2
Daniel Luna, María Quispe, Zulma Gonzalez, Alfredo Alemreres, Marcelo Risk, Mauro Garcia & Carlos Otero	User-centered design to develop clinical applications. Literature review	Studies in health technology and informatics, vol. 216, p. 967	2015	2.2
M.K. Mehlawat & P. Gupta	COTS products selection using fuzzy chance-constrained multiobjective programming	Applied Intelligence, vol. 43(4), pp. 732-751	2015	2.9
Abel Mendez-Porras, Jorge Alfar-Velasco, Marcelo Jenkins & Alexandra Martinez-Porras	Automated Testing Framework for Mobile Applications based in User-Interaction Features and Historical Bug Information	XLI Latin American Computing Conference	2015	2.3
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	1, 2.3
Antonio Mauricio Pitangueira	Incorporating preferences from multiple stakeholders in software requirements selection: an interactive search-based approach	23rd IEEE International Requirements Engineering Conference, RE 2015, Ottawa, ON, Canada, August 24-28, 2015	2015	2.1, 2.9
Marina Sanchez Cuervo, Maria Munoz García, Maria Esther Gomez de Salazar Lopez de Silanes, Teresa Bermejo Vicedo	Designing a software for drug management in special situations at a hospital's drug administration service	Farmacia hospitalaria : organo oficial de expresion cientifica de la Sociedad Espanola de Farmacia Hospitalaria	2015	2.9
Jun Shen & A. Rida	A Formal Study of Backward Compatible Dynamic Software Updates	Int. Conf. Software Engineering and Formal Methods	2015	2.5
Andreas Wilhelm, Bharatkumar Sharma, Ranajoy Malakar, Tobias Schile, Michael Gerndt	Parceive: Interactive Parallelization Based on Dynamic Analysis	6th Int. Workshop on Program Comprehension through Dynamic Analysis	2015	2.5
Z. Zhao and A. Taal and A. Jones and I. Taylor and V. Stankovski and I. G. Vega and F. J. Hidalgo and G. Suciú and A. Ulisses and P. Ferreira and C. d.	A Software Workbench for Interactive, Time Critical and Highly Self-Adaptive Cloud Applications (SWITCH)	2015 15th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing	2015	2.8

Allysson Alex Araújo & Matheus Henrique Esteves Paixão	Machine Learning for User Modeling in an Interactive Genetic Algorithm for the Next Release Problem	Proceedings of the 6th International Symposium on Search-Based Software Engineering (SSBSE '14), Vol. 8636, pp. 228-233	2014	1
G. Bavota and A. Cierniewska and I. Chulani and A. De Nigro and M. Di Penta and D. Galletti and R. Galoppini and T. F. Gordon and P. Kedziora and I.	The market for open source: An intelligent virtual open source marketplace	IEEE Conference on Software Maintenance, Reengineering and Reverse Engineering (CSMR-WCRE), 2014 Software Evolution Week, pp. 399-	2014	2.9
Charles D. Borromeo, Titus K. Shcleyer, Michael J. Becich, Harry Hochheister	Finding Collaborators: Toward Interactive Discovery Tools for Research Network Systems	Journal of Medical Internet Research, vol. 16(11)	2014	2.1
Sofia Larissa da Costa, Valdemar Vicente Graciano Neto, Juliano Lopes de Oliveira	A User Inteface Stereotype to build Web Portals	9th Latin American Web Congress	2014	2.9
Duke, Jon D.; Morea, Justin; Mamlin, Burke; Martin, Douglas K; Simonaitis, Linas; Takesue, Blaine Y.; Dixon, Brian E.; Dexter, Paul R.	Regenstrief Institute's Medical Gopher: A next-generation homegrown electronic medical record system	International Journal of Medical Informatics	2014	2.9
Alvaro Garcia-Piquer, Josep Guardia, Josep Colome, Ignasi Ribas, Lluís Gesa, Juan Carlos Morales, Ana Perez-Calpena, Walter Seifert,	CARMENES Instrument Control System and Operational Scheduler	Proceedings of the Software and Cyberinfrastructure for Astronomy III, vol. 9152	2014	2.2
Haiyang Hu, Yizhi Ren, Xu Xu, Liguó Huang, Hua Hu	Reducing view inconsistency by predicting avatars' motion in multi-server distributed virtual environments	Journal of Networks and Computer Applications	2014	2.8
G Lanzola, MG Ginardi, A Mazzanti, S Quaglioni	Gquest: Modeling patient questionnaires and administering them through a mobile platform application	Computer Methods and Programs in Biomedicine, vol. 117(2), pp. 277-291	2014	2.2
Hamid Masoud & Saeed Jalili	A clustering-based model for class responsibility assignment problem in object-oriented analysis	Journal of Systems and Software, vol. 93, pp. 110-131	2014	2.2, 2.5, 2.8
Alejandro Salado, Roshanak Nilchiani	A Categorization Model of Requirements Based on Max-Neef's Model of Human Needs	Systems Engineering	2014	2.8

Casper Shyr, Andre Kushniruk, Wyeth W Wasserman	Usability study of clinical exome analysis software: Top lessons learned and recommendations	Journal of Biomedical Informatics	2014	2.9
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	Swarm Intelligence, Vol. 8(2), pp. 139-157, June	2014	2.2, 2.9
Pavel Vrba, Petr Kadera, Margin Myslik & Martin Klima	Jboss ESB Sniffer Message Flow Visualization for Enterprise Service Bus	IEEE 23rd Int. Symp. On Industrial Electronics, pp. 1724-1729	2014	2.5
Haijun Yang, Mingiang Li, Qinghua Zheng	Performance Analysis of Grid Architecture via Queueing Theory	International Journal of Foundations of Computer Science	2014	2.8
Bozzon, Alessandro and Brambilla, Marco and Ceri, Stefano and Mazza, Davide	Exploratory Search Framework for Web Data Sources	The VLDB Journal	2013	2.8
Paula de Matos, Jennifer A. Cham, Hong Cao, Rafael Alcantara, Francis Rowland, Rodrigo Lopez & Christoph Steinbeck	The Enzyme Portal: a case study in applying user-centred design methods in bioinformatics	BMC Bioinformatics, vol. 14	2013	2.2
Neesha Kodagoba, Simon Attfield, B.L. William Wong, Chris Rooney & Sharmin Tinni Choudhury	Using interactive visual reasoning to support sense-making: implications for design	IEEE transactions on visualization and computer graphics, vol. 19(12), pp. 2217	2013	2.2
Jannik Laval, Nicolas Anquetil, Usman Bhatti, Stephane Ducasse	OZONE: Layer identification in the presence of cyclic dependencies	Science of Computer Programming	2013	2.8
Jiayu Luo, Ruiying Huang & Xiangping Chen	Automatic Validation of Design Decision Based on Multiple Analysis Methods Integration	Proceedings of the 2013 13th International Conference on Quality Software, pp. 333-340	2013	2.8
Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	1, 2.3

Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1, 2.3
Nuria Medina-Medina, Fernando Molina-Ortiz, Natalia Padilla-Zea, Marcelino Cabrera-Cuevas, Lina Garcia-Cabrera, Jose Parets-Llorca	Evolutionary authoring tool for adaptive hypermedia with multimodal navigation	New Review of Hypermedia and Multimedia	2013	2.8
Megumi Nakao, Mamoru Hosokawa, Yuichiro Imai, Nobuhiro Ueda, Toshihide Hatanaka, Kotaro Minato, Tadaaki Kiritu & Tetsuya Matsuda	Volumetric Surgical Planning System for Fibular Transfer in Mandibular Reconstruction	35th Annual International Conference on the IEEE Engineering in Medicine and Biology Society, pp. 3367-3370	2013	2.2
Christopher L. Simons	Whither (away) Software Engineers in SBSE?	Proceedings of the 1st International Workshop on Combining Modelling and Search-Based Software Engineering (CMSBSE '13), pp. 49-50, San	2013	1
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, Vol. 17(11), pp. 2147-2162, April	2013	1, 2.2
Paolo Tonella, Angelo Susi & Francis Palma	Interactive Requirements Prioritization using a Genetic Algorithm	Information and Software Technology, Vol. 55(1), pp. 173-187, January	2013	1
Sriharsha Vathsavayi, Hadaytullah & Kai Koskimies	Interleaving human and search-based software architecture design	Proc. Estonian Academy of Sciences, vol. 62(1), pp. 16-26	2013	1, 2.8
G. Ablu, D.P. Schissel, E.N. Kim, S.M. Flanagan, X. Lee	Interactive monitoring portal for fusion simulations	8th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation for Fusion Research	2012	2.8
Darren Carlson, Bashar Altakrouri, Andreas Schrader	AmbientWeb: Bridging the Web's Cyber-physical Gap	Proceedings of the 2012 International Conference on the Internet of Things	2012	2.8
Rory Clune, Jerome J Connor, John A Ochsendorf, Denis Kelliher	An object-oriented architecture for extensible structural design	Computers & Structures	2012	2.8

Adam Grzywaczewski, Rahat Iqbal	Task-specific information retrieval systems for software engineers	Journal of Computer and System Sciences	2012	2.9
E.N. Kim, D.P. Schissel, G. Ablu, S. Flanagan, X. Lee	Web-based (HTML5) interactive graphics for fusion research and collaboration	8th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation for Fusion Research	2012	2.8
M.H. Shaikh	Study of Arduino for creative and interactive artwork installations dge for creativeness	Communications in Computer and Information Science, pp. 478-488	2012	2.9
Christopher L. Simons & Ian C. Parmee	Elegant Object-Oriented Software Design via Interactive, Evolutionary Computation	IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews, Vol. 42(6), pp. 1797-1805, November	2012	2.2, 2.9
Baoxiagn Cao, Xiaona Xia, Jiguo Yu	Architecture-centric Business Process's Building and optimization Design Supported by Volunteer-oriented Internetwork	International Conference on Industry, Information System and Material Engineering	2011	2.8
Sambit Datta, Michael Hobbs	A Formal Model of Mixed-Initiative Interaction in Design Exploration	International Conference on Ergonomics and Health Aspects of Work with Computers (EHAWC)/14th International Conference on	2011	2.9
M. Geveler, D. Ribbrock, S. Mallach & D. Göddeke	A simulation suite for Lattice-Boltzmann based real-time CFD applications exploiting multi-level parallelism on modern multi- and many-core	Journal of Computational Science, vol. 2(2), pp. 113-123	2011	2.9
Andreas Holzinger, Primoz Kosec, Gerold Schwantzer, Matjaz Debevc, Rainer Hofmann-Wellenhof & Julia Fruehauf	Design and development of a mobile computer application to reengineer workflows in the hospital and the methodology to evaluate its	Journal of Biomedical Informatics, vol. 44(6), pp. 968-977	2011	2.2
M.-W. Lee, S.-W. Hwang & S. Kim	Integrating code search into the development session	Proceedings - International Conference on Data Engineering	2011	2.9
Alessandro Marchetto & Paolo Tonella	Using Search-based Algorithms for Ajax Event Sequence Generation during Testing	Empirical Software Engineering, Vol. 16(1), pp. 103-140, February	2011	1

Ngoc Anh Vu; Than Lin; Azamatov, Abdulaziz; Lwin, Tun; Lee, Jae-Woo	Development of integrated rotorcraft design and virtual manufacturing framework	Aircraft Engineering and Aerospace Technology	2011	2.9
Alexandru Telea & Lucian Voinea	Visual software analytics for the build optimization of large-scale software systems	Computational Statistics, vol. 26(4), pp. 635-654	2011	2.5
Sriharsha Vathsavayi, Hadaytullah & Kai Koskimies	Interleaving human and search-based software architecture design	12th Symposium on Programming Languages and Software Tools	2011	2.8
Mauro Brunato and Roberto Battiti	Grapheur: A Software Architecture for Reactive and Interactive Optimization	Learning and Intelligent Optimization, 4th International Conference, LION 4, Venice, Italy, January 18-22, 2010. Selected Papers	2010	2.8
Stephanie J. Fonda, Richard J. Kedziora, Robert A. Vigersky & Sven-Erik Bursell	Combining iGoogle and Personal Health Records to Create a Prototype Personal Health Application for Diabetes Self-Management	Telemedicine Journal and e-Health, vol. 16(4), pp. 480-489	2010	2.2
David Patterson	The Parallel Revolution Has Started: Are You Part of the Solution or Part of the Problem? An Overview of Research at the Berkeley Parallel	9th International Conference on High Performance Computing for Computational Science	2010	2.8, 2.9
Zeeshan Pervez, Sungyoung Lee, Young-Koo Lee	Multi-Tenant, Secure, Load Disseminated SaaS Architecture	12th International Conference on Advanced Communication Technology	2010	2.8
Christopher L. Simons & Ian C. Parmee	Dynamic parameter control of interactive local search in UML software design	Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, pp. 3397-3404	2010	2.2
Christopher L. Simons, Ian C. Parmee & Rhys Gwynllyw	Interactive, Evolutionary Search in Upstream Object-Oriented Class Design	IEEE Transactions on Software Engineering, Vol. 36(6), pp. 798-816, November-December	2010	1, 2.2, 2.9
Na Wei, Meina Song, Ke Xu, Chao Jiang	A novel web service architecture based on REST	International Conference on Smart Materials and Intelligent Systems	2010	2.8

John Wiecha, Robin Heyden, Elliot Sternthal & Mario Merialdi	Learning in a Virtual World: Experience With Using Second Life for Medical Education	Journal of Medical Internet Research, vol. 12(1)	2010	2.2
Md Ahsan Arefin, Md Yusuf Sarwwar Uddin, Indranil Gupta & Klara Nahrstedt	Q-Tree: A Multi-Attricute Based Range Query Solution for Tele-Immersive Framework	29th IEEE Int. Conf. On Distributed Computing Systems, pp. 299-307	2009	2.5
Kristof Beyls & Erik H. D'Hollander	Refactoring for Data Locality	Computer, vol. 42(2), pp. 62-71	2009	2.5
Michael Bebenita, Mason Chang, Andreas Gal, Michael Franz	Stream-Based Dynamic Compilation for Object-Oriented Languages	47th TOOLS EUROPE International Conference 2009	2009	2.8
Cosimo Birtolo, Paolo Pagano & Luigi Troiano	Evolving colors in user interfaces by interactive genetic algorithm	World Congress on Nature Biologically Inspired Computing, 2009. NaBIC 2009	2009	1
N. Dadkhah and V. R. Korukanti and Z. Kong and B. Mettler	Experimental demonstration of an online trajectory optimization scheme using approximate spatial value functions	Proceedings of the 48h IEEE Conference on Decision and Control (CDC) held jointly with 2009 28th Chinese Control Conference	2009	2.8
Dong Huailin and Zheng Yuhui and Gao Xin and Chen Fan and Guo Xin-hua	The mobile search platform base on base station	2009 4th International Conference on Computer Science Education	2009	2.8
Hiroaki Nishino, Tsuneo Kagawa & Kouichi Utsumiya	A Mobile Graphics System for Ubiquitous Environment	Int. Conf. On Network-based information systems, pp. 83-90	2009	2.2
K. Pan and S. J. Turner and W. Cai and Z. Li	Multi-user Gaming on the Grid Using a Service Oriented HLA RTI	2009 13th IEEE/ACM International Symposium on Distributed Simulation and Real Time Applications	2009	2.8
Juergen Rossmann, Nico Hempe & Philipp Tietjen	A flexible model for real-time crowd simulation	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09)	2009	2.2

Christopher L. Simons & Ian C. Parmee	An Empirical Investigation of Search-based Computational Support for Conceptual Software Engineering Design	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09), pp. 2503-2508, San Antonio USA, 11-14 October	2009	1, 2.2
Su, Moon Ting and Hirsch, Christian and Hosking, John	KaitoroBase: Visual Exploration of Software Architecture Documents	Proceedings of the 2009 IEEE/ACM International Conference on Automated Software Engineering	2009	2.8
Xinya Yang, Ounyi Wei, Xiaodong Peng	System architecture of Library 2.0	Electronic Library	2009	2.8
Wagner, Stefan; Kronberger, Gabriel; Beham, Andreas; Winkler, Stephan; Affenzeller, Michael	Model Driven Rapid Prototyping of Heuristic Optimization Algorithms	Computer Aided Systems Theory - EUROCAST 2009	2009	2.9
Judith Wusteman	OJAX: a case study in agile Web 2.0 open source development	ASLIB Proceedings	2009	2.8, 2.9
D. Zhiwu and L. Hongwei	The Production System Optimizing Simulation in Petrochemical Industry Based on HLA	2009 Second International Symposium on Electronic Commerce and Security	2009	2.8
Sun Jin Cho & Yaxiong Sun	Visual exploration of structure-activity relationship using maximum common framework	Journal of Computer-Aided Molecular Design, vol. 22(8), pp. 571-578	2008	2.2
Large, Andrew; Nettet, Valerie; Tabatabaei, Nahid; Beheshti, Jamshid	Bounded Design Revisited: Involving Children in Information Visualization Design	Canadian Journal of Information and library science-revue canadienne des sciences de l'information et de bibliothéconomie	2008	2.9
Claudia Lopez, Hernan Astudillo, Luiz Marcio Cysneiros	Semantic-Aided Interactive Identification of Reusable NFR Knowledge Fragments	On the Move Confederated International Conference and Workshops	2008	2.8
Hiroaki Nishino, Kenji Shiihara, Tsuneo Kagawa & Kouichi Utsumiya	A Ubiquitous 3D Graphics Modeler for Mobile Devices	Proc. 2008 Int. Symp. On Parallel and Distributed Processing with Applications, pp. 502-509	2008	2.2

B. Paul and S. Ahern and W. Bethel and E. Brugger and R. Cook and J. Daniel and K. Lewis and J. Owen and D. Southard	Chromium Renderserver: Scalable and Open Remote Rendering Infrastructure	IEEE Transactions on Visualization and Computer Graphics	2008	2.8
Christopher L. Simons & Ian C. Parmee	User-centered, Evolutionary Search in Conceptual Software Design	Proceedings of the IEEE Congress on Evolutionary Computation (CEC '08) (World Congress on Computational Intelligence), pp. 869-876, Hong	2008	1, 2.2, 2.8, 2.9
Janar Thoguluva, Anand Raghunathan & Srimat T. Chakradhar	Efficient Software Architecture for IPSec Acceleration Using a Programmable Security Processor	2008 Design, Automation and Test in Europe, pp. 1148-1153	2008	2.8
Nancy L Atkinson, Holly A Massett, Christy Mylks, Bethany Hanna, Mary Jo Deering & Bradford W Hesse	User-centered research on breast cancer patient needs and preferences of an internet-based clinical trial matching system	Journal of Medical Internet Research, vol. 9(2), e13	2007	2.2
J. Christopher Bare, Amy K. Schmid & Nitin S. Baliga	The Firegoose: two-way integration of diverse data from different bioinformatics web resources with desktop applications	BMC Bioinformatics, vol. 8	2007	2.2
Y. Dubinsky, T. Catarci & S. Kimani	Using catalogue browsing for speech-based interface to a digital library	Proceedings of the 2nd IASTED International Conference on Human-Computer Interaction, HCI 2007	2007	2.9
Holger M. Kienle & Hausi A. Mueller	Requirements of software visualization tools: A literature survey	4th International Workshop on Visualizing Software for Understanding and Analysis, pp. 2-9	2007	2.5
Zhengping Liang, Xiaoli Liu, Zhiqiang Wang, Ji Zhen, Ming Zhong	Software architecture for a pattern based quersiton answering system	International Symposium on Computer Science and Technology	2007	2.8, 2.9
Xiaoli Liu, Guoging Wu, Min Jiang, Min Yang, Weiming Wang	Software architecture for a pattern based quersiton answering system	5th ACIS International Conference on Software Engineering Reseach, Management and Applications	2007	2.8, 2.9
Debra Revere, Anne M. Turner, Neil Rambo, Paul F. Bugni, AnnMarie Kimball & Sherrilynne S. Fuller	Understanding the information needs of public health practitioners: A literature review to inform design of an interactive digital knowledge	Journal of Biomedical Informatics, vol. 40(4), pp. 410-421	2007	2.2

Junko Shirogane, Hajime Iwata, Kazuhiro Fukaya &	Support method for changing GUIs according to roles of widgets and change patterns	Int. Multiconference of Engineers and Computer Scientists, pp. 1098-1103	2007	2.5, 2.9
P.A. Stewart, N. Nathan & J. Nyhof-Young	Design characteristics that affect speed of information access and clarity of presentation in an electronic neuroanatomy atlas	Clinical Anatomy, vol. 20(1), pp. 93-110	2007	2.2
Wei Zhou, David Heesom, Panagiotis Georgakis	Enhancing User-Centered Design by adopting the Taguchi philosophy	12th International Conference on Human-Computer Interaction (HCI International 2007)	2007	2.9
Saikat Chakrabarti, Gowri Manohari, Ganesan Pugalenth & Ramanathan Sowdhamini	SSToSS--sequence-structural templates of single-member superfamilies	In silico biology, vol. 6(4), p. 311	2006	2.2
Paulo Gomes & André Leitão	A Tool for Management and Reuse of Software Design Knowledge	Proceedings of the 15th International Conference on Managing Knowledge in a World of Networks, pp. 381-388	2006	2.2, 2.9
Alejandro Jaimes	Human factors in automatic image retrieval system design and evaluation	Proceedings of the SPIE	2006	2.9
Andrew J. Ko, Brad A. Myers, Michael J. Coblenz & Htet Htet Aung	An Exploratory Study of How Developers Seek, Relate, and Collect Relevant Information during Software Maintenance Tasks	IEEE Transactions on Software Engineering, vol. 32(12), pp. 971-987	2006	2.5, 2.9
Xiangwei Lai, Yun Bai, Yuhui Qiu	Measuring usability: Use HMM emotion method and parameter optimize	2nd International Conference on Natural Computation (ICNC 2006)	2006	2.9
EW Lameijer, JN Kok, T Back & AP Ijzerman	The molecule evaluator. An interactive evolutionary algorithm for the design of drug-like molecules	Journal of Chemical Information and Modeling, vol. 46(2), pp. 545-552	2006	2.2
M. Nowostawski and M. Purvis	Tagging and Referrals in the EVM Architecture	2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology	2006	2.8

Solomon Russell & Josheph J. DiStefano	W(3)MAMCAT: A world wide web based tool for mamillary and catenary compartmental modeling and expert system distinguishability	Computer Methods and Programs in Biomedicine, vol. 83(1), pp. 34-42	2006	2.2
Andrei L. Turinsky & Christoph W. Sensen	On the way to building an integrated computational environment for the study of developmental patterns and genetic diseases	International Journal of Nanomedicine, vol. 1(1), pp. 89-96	2006	2.2
Cobb, John W.; Geist, Al; Kohl, James A.; Miller, Stephen D.; Peterson, Peter F.; Pike, Gregory G.; Reuter, Michael A.; Swain, Tom; Vazhkudai,	The Neutron Science TeraGrid Gateway: a TeraGrid science gateway to support the spallation neutron source	14th Global Grid Forum Science Gateway Workshop	2005	2.8
G. A. Di Lucca and A. R. Fasolino and P. Tramontana	Recovering Interaction Design Patterns in Web Applications	9th European Conference on Software Maintenance and Reengineering, pp. 366-374	2005	2.5
A. Mack, U. Kloos, D. Weltz, S.G. Scheib, H. Bottcher, V. Seifert	Development of an interactive graphical user interface for therapy simulation	Australasian physical & engineering sciences in medicine, vol. 28(4), p. 223	2005	2.2
M Meribout & M Nakanishi	A new real time object segmentation and tracking algorithm and its parallel hardware architecture	Journal of VLSI Signal Processing Systems for Signal Image and Video Technology, vol. 39 (3), pp. 249-266	2005	2.2
T Wiesemann, J Schiefele, W Kubbat	Multi-resolution terrain depiction on an embedded 2D/3D synthetic vision system	Aerospace Science and Technology	2005	2.9
A. Agrawal, M. Radhakrishna & R.C. Joshi	Dynamic multiresolution level of detail mesh simplification for real-time rendering of large digital terrain models	IEEE Indian Annual Conference, pp. 278-282	2004	2.3
H Albrecht, H Grosse-Plankermann	An infrastructure for browser-located applications in industrial automation	5th IEEE International Workshop on Factory Communication Systems	2004	2.9
E Badidi, C De Sousa, BF Lang & G Burger	AnaBench: a Web/CORBA-based workbench for biomolecular sequence analysis	BMC Bioinformatics, vol. 4	2004	2.2

A. Purhonen	Performance optimization of embedded software architecture - a case study	Proceedings. Fourth Working IEEE/IFIP Conference on Software Architecture (WICSA 2004)	2004	2.8
C.A. Rees, J. Demeter, J.C. Matese, V. Botstein, G. Sherlock	GeneXplorer: an interactive web application for microarray data visualization and analysis	BMC Bioinformatics, vol. 5	2004	2.2
HE Tseng, WS Cheng	A replacement consideration for the end-of-life product in the green life cycle environment	International Journal of Advanced Manufacturing Technology	2004	2.9
M. Zajicek	Successful and available: interface design exemplars for older users	ACM SIGCHI/SIGCAPH Conference on Computers and Universal Usability	2004	2.8
F. Bellotti, R. Berta, A. De Gloria & M. Margarone	MADE: developing edutainment applications on mobile computers	Computers & Graphics-UK	2003	2.9
F. Bellotti, R. Berta, A. De Gloria & M. Margarone	Supporting efficient design of mobile HCI	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2003	2.9
EYS Chao	Graphic-based musculoskeletal model for biomechanical analyses and animation	Medical Engineering & Physics, vol. 25(3)	2003	2.2
TD Collings	Applying software visualization technology to support the use of evolutionary algorithms	Journal of Visual Languages and Computing, vol. 14(2), pp. 123-150	2003	2.2, 2.9
G. Francis	MFDTool: A software program for designing optimal multifunction displays	32nd Annual Meeting of the Society-for-Computers-in-Psychology, vol. 35(2), pp. 236-243	2003	2.2
A. Henrich and K. Morgenroth	Supporting collaborative software development by context-aware information retrieval facilities	14th International Workshop on Database and Expert Systems Applications, 2003. Proceedings.	2003	2.8, 2.9

S. Klamt, J. Stelling, M. Ginkel, E.D. Gilles	FluxAnalyzer: exploring structure, pathways, and flux distributions in metabolic networks on interactive flux maps	Bioinformatics, vol. 19(2), pp. 261-269	2003	2.2
CH Lee, T Kanungo	The architecture of TrueViz: a groundTRUth/metadata editing and Visualizing ToolKit	Pattern Recognition	2003	2.8
JM Martinez, J Cabrera, J Bescos, G Cisneros, JM Menendez	MISS: A generic model for MetaInformation SubSystems	Multimedia Tools and Applications	2003	2.8
M. Mejri, B. Ktari, H. Fujita & M. Erhioui	Static analysis of Lye requirements	Knowledge-Based Systems, vol. 16, pp. 361-382	2003	2.5, 2.9
W. Piekarski and B. H. Thomas	An object-oriented software architecture for 3D mixed reality applications	The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003. Proceedings.	2003	2.8, 2.9
AM Spalter, A van Dam	Problems with using computers in educational software	Computers & Graphics-UK	2003	2.9
A. Edmonds	Uzilla: A new tool for Web usability testing	32nd Annual Meeting of the Society-for-Computers-in-Psychology (SCiP)	2002	2.8
WH Hsu, M Welge, T Redman, D Clutter	High-performance commercial data mining: A multistrategy machine learning application	Data Mining and Knowledge Engineering	2002	2.9
J. Kuchenbecker, H. Lindner & W. Behrens-Baumann	Options and limits of visual function tests available on the internet	Ophthalmology, vol. 99(11), pp- 866-871	2002	2.1
L. Marcelino, N. Murray, T. Fernando	A constraint manager to support virtual maintainability	1st Ibero-American Symposium in Computer Graphics	2002	2.5

Schmalstieg, D; Fuhrman, A; Hesina, G; Szalavari, Z; Encarnacao, LM; Gervautz, M; Purgathofer, W	The Studierstube augmented reality project	Presence-Teleoperators and Virtual Environments	2002	2.8
N Zafar, R Mazumder, D Seto	CoreGenes: A computational tool for identifying and cataloging "core" genes in a set of small genomes	BMC Bioinformatics, vol. 3, article 12	2002	2.2
WK Zhao, BS Cai, D Whalley, MW Bailey, R van Engelen, X Yuan, JD Hiser, JW Davidson, K Gallivan & DL Jones	VISTA: A system for interactive code improvement	ACM SIGPLAN Notices	2002	2.2
NS Bedrossian, JW Jang, J McManis, J Tempelton	eSim: A software architecture for Web enabled simulation	5th Enabling Technology for Simulation Science Conference	2001	2.8
Z. Chang, H. Qing, X. Yang, Y. Gui, Q. Cai	Multi-resolution blending rendering of the medical structure	Journal of biomedical, vol. 18(1), p. 46	2001	2.2
PM Christian, R Wells	The Aerospace Toolbox (R), a flight vehicle design, analysis, simulation, and software development environment (Part I: An introduction and tutorial)	5th Enabling Technology for Simulation Science Conference	2001	2.9
MH Cloyd	Designing user-centered Web applications in Web time	IEEE Software	2001	2.9
P Gendron, S Lemieux, F Major	Quantitative analysis of nucleic acid three-dimensional structures	Journal of Molecular Biology	2001	2.9
D Schmidt	Policies and patterns for high-performance, real-time object request brokers	26th Annual IEEE Conference on Local Computer Networks	2001	2.9
A Accomazzi, G Eichhorn, MJ Kurtz, CS Grant, SS Murray	The NASA Astrophysics Data System: Architecture	Astronomy & Astrophysics Supplement Series	2000	2.9

J Biskup, DW Embley	Mediated information gain	International Database Engineering and Applications Symposium	2000	2.8
De Sabbata, P; Zuffi, S; Correia, AI; Benatti, G; Fantin, S	ISHTAR: an architecture for a high quality electronic catalogue on Internet	Conference on Internet Imaging	2000	2.8
M. A. Jabbar and S. W. Yeo	A new architecture of design software for electric motors	2000 Canadian Conference on Electrical and Computer Engineering, vol. 1, pp. 360-364	2000	2.8
J Ostermann, D Millen	Taking heads and synthetic speech: An architecture for supporting electronic commerce	1st IEEE International Conference on Multimedia and Expo (ICME2000)	2000	2.8
E Rommes	Gendered user-representations - Design of a digital city	7th International Conference on Women, Work and Computerization (WWC 2000)	2000	2.9
STC Wong, HL Wang, WM Shen, J Schmidt, G Chen, T Dolan	Architecture of next generation information management systems for digital radiology enterprises	Medical Imaging 2000 Conference	2000	2.8
MG Grif, AV Dubrowskikh, YB Tsoi	Object-oriented designing technology of ergotechnical systems	3rd International Russian-Korean Symposium on Science and Technology (Korus 99)	1999	2.9
S Antoniazzi, H Marmolin, G Shapeler, B Weickert	MUSIST browser and navigation concept	3rd European Conference on Multimedia Applications, Services and Techniques (ECMAST 98)	1998	2.8
J Ashton	Development of the British Library's OPAC 97: the value of a user-centred approach	Program-Electronic Library and Information Systems	1998	2.9
A Bohne, E Lang, CW von der Lieth	W3-SWEET: Carbohydrate modeling by Internet	Journal of Molecular Modeling	1998	2.9

S. Jarzabek	Design of flexible static program analyzers with PQL	IEEE Transactions on Software Engineering, vol. 24(3), pp. 197-215	1998	2.5
M. Jern	3D data visualization on the Web	Multimedia Modeling Conference, pp. 90-99	1998	2.1
M. Kamkar	Application of program slicing in algorithmic debugging	Information and Software Technology, vol. 40 (11-12), pp. 637-645	1998	2.5, 2.9
E. Melis, A. Schairer	Similarities and reuse of proofs in formal software verification	4th European Workshop on Case-Based Reasoning	1998	2.11
I Scholl, Y Girard, A Bykowski	Using a Java web-based graphical user interface to access the SOHO data archive	8th Annual Conference for Astronomical Data Analysis Software and Systems (ADASS 98)	1998	2.8
MA Toleman, JM Toleman	User experiences and a usability inspection of an electronic services environment for students	1998 Conference for Computer Human Interaction (OzCHI'98)	1998	2.9
D. J. Turnell and Q. V. de Fatima and M. Turnell and G. S. Deep and R. C. S. Freire	FarmWeb-an integrated, modular farm automation system	Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on	1998	2.9
DM Wilkes, A Alford, RT Pack, T Rogers, RA Peters, K Kawamura	Toward socially intelligent service robots	Applied Artificial Intelligence	1998	2.8
O. Balet, H. Luga, Y. Duthen & R. Caubet	PROVIS: A platform for virtual prototyping and maintenance tests	10th Computer Animation Conference, pp. 39-47	1997	2.5, 2.9
A. Bittorf, J. Bauer, M. Simon, T.L. Diepgen	Web-based training modules in dermatology	M.D. computing : computers in medical practice, vol. 14(5), pp. 371-381	1997	2.2

C.A. Damon	Nitpick: A tool for interactive design analysis	Proceedings of the 1997 International Conference on Software Engineering, pp. 596-597	1997	2.2
DB Lange, Y Nakamura	Object-oriented program tracing and visualization	Computer	1997	2.9
F.J. Lerch, D.J. Ballou & D.E. Harter	Using simulation-based experiments for software requirements engineering	Annals of Software Engineering, vol. 3, pp. 345-366	1997	2.1
DFX Mathaisel	Decision support for airline schedule planning	Journal of Combinatorial Optimization, vol. 1(3), pp. 251-275	1997	2.1
J Nielsen	Let's ask the users	IEEE Software	1997	2.9
P.R.S. Vilela, J.C. Maldonado & M. Jino	Program graph visualization	Software Practice & Experience, vol. 27(11), pp. 1245-1262	1997	2.3
EJ Gomez, F del Pozo & JA Quiles	A telemedicine system for remote cooperative medical imaging diagnosis	Computer Methods and Programs in Biomedicine, vol. 49(1), pp. 37-48	1996	2.2
S Dick & T Santen	Searching for a global search algorithm	10th Knowledge-Based Software Engineering, pp.52-59	1995	2.2
P Domel	Webmap - a graphical hypertext navigation tool	2nd International World-Wide Web Conference - Mosaic and the Web	1995	2.8
JA Jacko, G Salvendy, RJ Koubek	Modeling of Menu Design in Computerized Work	Interacting with Computers	1995	2.9

M Senger, KH Glatting, O Ritter & S Suhai	X-HUSAR, and X-based graphical interface for the analysis of genomic sequences	Computer Methods and Programs in Biomedicine, vol. 46(2), pp. 131-141	1995	2.2
HA Smith, S Masri, JL Beck, & T Tsugawa	Knowledge-based assistance for the analysis, design and optimization of civil structures	Developments in Artificial Intelligence for Civil and Structural Engineering, pp. 183-196	1995	2.2
HK Wang, JLC Wu	A framework for distributed Internet service	IEEE Global Telecommunications Conference	1995	2.8
S Houde, R Sellman	In search of design principles for programming environments	CHI 94 Conference - Human Factors in Computing Systems: Celebrating Interdependence	1994	2.9
M Li, KJM Moriarty, S Srinivas	Parallelism Analysis and Optimization in Spedy, A Programming Environment	Computer Physics Communications	1994	2.9
C. Geourjon & G. Deleage	Interactive and graphic coupling between multiple alignments, secondary structure predictions and motif pattern scanning into proteins	Computer Applications in the Biosciences, vol. 9(1), pp. 87-91	1993	2.2
T Gupta, R Erol	An integrated simulation-model development environment for SLAM-II using object-oriented paradigm	Computers & Industrial Engineering	1993	2.9
K.S. Makarova, A.V. Mazin, Y.I. Wolf, V.V. Soloviev	DIROM - An experimental-design interactive system for directed mutagenesis and nucleic-acids engineering	Computer Applications in the Biosciences, vol. 8(5), pp. 425-431	1992	2.2
D. Pattou, L.H. Bach, J.P. Jocher & B. Maigret	MOL3D - A modular and interactive program for molecular modeling and conformational analysis .2. extended modules	Journal of Molecular Graphics, vol. 10(4), pp. 241-246	1992	2.2
A. Coenporisini, F. Depaoli, C. Ghezzi & D. Mandrioli	Software Specialization via Symbolic Execution	IEEE Transactions on Software Engineering, vol. 17(9), pp. 884-899	1991	2.5

M. Isreb	PIPE Finite-element life synthesis software-design for petrochemical and power industry	Computers & Structures, vol. 29(5), pp. 431-434	1991	2.2
P.R. Sibbald & P. Argos	SCRUTINEER - A computer-program that flexibly seeks and describes motifs and profiles in protein-sequence databases	Computer Applications in the Biosciences, vol. 6(3), pp. 279-288	1990	2.2
R. A. Ammar and T. L. Booth	Software optimization using user models	IEEE Transactions on Systems, Man, and Cybernetics, pp. 552-560.	1988	2.9
M.A.A. Moussa & B.A. Ouda	Correspondence-analysis of contingency-tables	Computer Methods and Programs in Biomedicine, vol. 27(2), pp. 111-119	1988	2.2
BS Messenger, PH Fisher, SP Woods	Firmware System-Design for a Vector Analyzer	Hewlett-Packard Journal	1987	2.9
L. Burnett, A. Basten & W.J. Hensley	The SEQANAL and SEQTALK programs - A new method for access to high-resolution nucleotide-sequence comparison and analysis programs	Computer Applications in the Biosciences, vol. 1(4), pp. 241-247	1985	2.2
JT Egan, SK Burt, RD Macelroy	Viewing the energy optimization of chemical-models with computers animation	Computers & Chemistry	1983	2.8
HK Huang	Biomedical Image-Processing	CRC Critical Review in Bioengineering	1981	2.9

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AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
S. Andrade & R. Macêdo	Principled Eliciting and Evaluation of Trade-Offs When Designing Self-Adaptive Systems Architectures	Book chapter - Managing Trade-Offs in Adaptable Software Architectures, pp. 181-202	2017	1
Ali Ouni, Raula Gaikovina Kula, Marouane Kessentini, Takashi Ishio, Daniel M. German & Katsuro Inoue	Search-based software library recommendation using multi-objective optimization	Information and Software Technology, vol. 83, pp. 55-75	2017	1
Abhijeet Banerjee, Sudipta Chattopadhyay & Abhik Roychoudhury	On Testing Embedded Software	Advances in Computers, vol. 101, pp. 121-153	2016	2.3
Thelma Elita Colanzi & Silvia Regina Vergilio	A feature-driven crossover operator for multi-objective and evolutionary optimization of product line architectures	Journal of Systems and Software	2016	1
A. Charan Kumari & K. Srinivas	Comparing the performance of quantum-inspired evolutionary algorithms for the solution of software requirements selection problem	Information and Software Technology, vol. 76, pp.31-64	2016	1, 2.1
Thiago do Nascimento Ferreira, Allysson Alex Araújo, Altino Dantas Basílio Neto & Jerffeson Teixeira de Souza	Incorporating user preferences in ant colony optimization for the next release problem	Applied Soft Computing	2016	1
Bogdan Marculescu, Simon Poulding, Robert Feldt, Kai Petersen & Richard Torkar	Tester interactivity makes a difference in search-based software testing: A controlled experiment	Information and Software Technology, vol. 78, pp. 66-82	2016	2.3
Andrei Strickler, Jackson A Prado Lima, Silvia R Vergilio & Aurora T.R. Pozo	Deriving products for variability test of Feature Models with a hyper-heuristic	Applied Soft Computing, vol. 49, pp. 1232-1242	2016	1
Yong-Yi Fanjiang, Yang Syu, Jong-Yih Kuo	Search based approach to forecasting QoS attributes of web services using genetic programming	Information and Software Technology, vol. 80, pp. 158-174	2016	1

Bestoun S. Ahmed, Taib Sh. Abdulsamad & Moayad Y. Potrus	Achievement of minimized combinatorial test suite for configuration-aware software functional testing using the Cuckoo Search algorithm	Information and Software Technology, vol. 66, pp. 13-29	2015	2.3
José M. Chaves-González, Miguel A. Pérez-Toledano & Amparo Navasa	Teaching learning based optimization with Pareto tournament for the multiobjective software requirements selection	Engineering Applications of Artificial Intelligence, vol. 43, pp. 89-101	2015	1, 2.1
Javier Ferrer, Peter M. Kruse, Francisco Chicano & Enrique Alba	Search based algorithms for test sequence generation in functional testing	Information and Software Technology, vol. 58, pp. 419-432	2015	1
Gordon Fraser, Andrea Arcuri & Phil McMinn	A Memetic Algorithm for whole test suite generation	Journal of Systems and Software, vol. 103, pp. 311-327	2015	1
Roberto E. Lopez-Herrejon, Lukas Linsbauer & Alexander Egyed	A systematic mapping study of search-based software engineering for software product lines	Information and Software Technology, vol. 61, pp. 33-51	2015	1
Roberto E. Lopez-Herrejon, Lukas Linsbauer, José A. Galindo, José A. Parejo, David Benavides, Sergio Segura & Alexander Egyed	An assessment of search-based techniques for reverse engineering feature models	Journal of Systems and Software, vol. 103, pp. 353-369	2015	1
Andréa Magalhães Magdaleno, Marcio de Oliveira Barros, Cláudia Maria Lima Werner, Renata Mendes de Araujo & Carlos Freud Alves Batista	Collaboration optimization in software process composition	Journal of Systems and Software, vol. 103, pp. 452-466	2015	1
Usman Mansoor, Marouane Kessentini, Philip Langer, Manuel Wimmer, Slim Bechikh & Kalyanmoy Deb	MOMM: Multi-objective model merging	Journal of Systems and Software, vol. 103, pp. 423-439	2015	1
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	1, 2.3
Ali Ouni, Marouane Kessentini, Houari Sahraoui, Katsuro Inoue & Mohamed Salah Hamdi	Improving multi-objective code-smells correction using development history	Journal of Systems and Software, vol. 105, pp. 18-39	2015	1

Matheus Paixao & Jerffeson Souza	A robust optimization approach to the next release problem in the presence of uncertainties	Journal of Systems and Software, vol. 103, pp. 281-295	2015	1
Gustavo G. Pascual, Roberto E. Lopez-Herrejon, Mónica Pinto, Lidia Fuentes & Alexander Egyed	Applying multiobjective evolutionary algorithms to dynamic software product lines for reconfiguring mobile applications	Journal of Systems and Software, vol. 103, pp. 392-411	2015	1
Antônio Mauricio Pitangueira, Rita Suzana P. Maciel & Márcio Barros	Software requirements selection and prioritization using SBSE approaches: A systematic review and mapping of the literature	Journal of Systems and Software, vol. 103, pp. 267-280	2015	1, 2.1
Aurora Ramírez, José Raúl Romero & Sebastián Ventura	An approach for the evolutionary discovery of software architectures	Information Sciences, vol. 305, pp. 234-255	2015	1
Jim Smith & Chris Simons	The influence of search components and problem characteristics in early life cycle class modelling	Journal of Systems and Software, vol. 103, pp. 440-451	2015	1
Vali Tawos, Saeed Jalili & Seyed Mohammad Hossein Hasheminejad	Automated software design using ant colony optimization with semantic network support	Journal of Systems and Software, vol. 109, pp. 1-17	2015	1
Nadarajen Veerapen, Gabriela Ochoa, Mark Harman & Edmund K. Burke	An Integer Linear Programming approach to the single and bi-objective Next Release Problem	Information and Software Technology, vol. 65, pp. 1-13	2015	1
Bestoun S. Ahmed, Mouayad A. Sahib & Moayad Y. Potrus	Generating combinatorial test cases using Simplified Swarm Optimization (SSO) algorithm for automated GUI functional testing	Engineering Science and Technology, an International Journal, vol. 17(4), pp. 218-226	2014	1
Seyed Mohammad Hossein Hasheminejad & Saeed Jalili	An evolutionary approach to identify logical components	Journal of Systems and Software, vol. 96, pp. 24-50	2014	2.2
Jens D. Nielsen, Antonio Salmerón & José A. Gámez	A tool based on Bayesian networks for supporting geneticists in plant improvement by controlled pollination	International Journal of Approximate Reasoning, vol. 55(1), pp. 74-83	2014	2.3

Ramón Sagarna, Alexander Mendiburu, Iñaki Inza & Jose A. Lozano	Assisting in search heuristics selection through multidimensional supervised classification: A case study on software testing	Information Sciences, vol. 258, pp. 122-139	2014	2.3
Luigi Troiano & Cosimo Birtolo	Genetic algorithms supporting generative design of user interfaces: Examples	Information Sciences, vol. 259, pp. 433-451	2014	1
Saswat Anand, Edmund K. Burke, Tsong Yueh Chen, John Clark, Myra B. Cohen, Wolfgang Grieskamp, Mark Harman, Mary Jean Harrold, Phil	An orchestrated survey of methodologies for automated software test case generation	Journal of Systems and Software, vol. 86(8), pp. 1978-2001	2013	2.3
Thelma Elita Colanzi, Silvia Regina Vergilio, Wesley Klewerton Guez Assunção & Aurora Pozo	Search Based Software Engineering: Review and analysis of the field in Brazil	Journal of Systems and Software, vol. 86(4), pp. 970-984	2013	1
Luciano S. de Souza, Ricardo B.C. Prudêncio, Flavia de A. Barros & Eduardo H. da S. Aranha	Search based constrained test case selection using execution effort	Expert Systems with Applications, vol. 40(12), pp. 4887-4896	2013	1
Mark Harman, Kiran Lakhotia, Jeremy Singer, David R. White & Shin Yoo	Cloud engineering is Search Based Software Engineering too	Journal of Systems and Software, vol. 86(9), pp. 2225-2241	2013	1
Paolo Tonella, Angelo Susi & Francis Palma	Interactive Requirements Prioritization using a Genetic Algorithm	Information and Software Technology, Vol. 55(1), pp. 173-187, January	2013	1
Yuanyuan Zhang, Mark Harman & Soo Ling Lim	Empirical evaluation of search based requirements interaction management	Information and Software Technology, vol. 55(1), pp. 126-152	2013	1
Bestoun S. Ahmed & Kamal Z. Zamli	A variable strength interaction test suites generation strategy using Particle Swarm Optimization	Journal of Systems and Software, vol. 84(12), pp. 2171-2185	2011	2.3
Outi Räihä	A survey on search-based software design	Computer Science Review, vol. 4(4), pp. 203-249	2010	1, 2.2

Wasif Afzal, Richard Torkar & Robert Feldt	A systematic review of search-based testing for non-functional system properties	Information and Software Technology, vol. 51(6), pp. 957-976	2009	2.3
José Carlos Bregieiro Ribeiro, Mário Alberto Zenha-Rela & Francisco Fernández de Vega	Test Case Evaluation and Input Domain Reduction strategies for the Evolutionary Testing of Object-Oriented software	Third IEEE International Workshop on Automation of Software Test (AST 2008) Eighth International Conference on Quality Software (QSIC 2008)	2009	1
Andrea Arcuri & Xin Yao	Search based software testing of object-oriented containers	Information Sciences, vol. 178(15), pp. 3075-3095	2008	1, 2.3
Mark O’Keeffe & Mel Ó Cinnéide	Search-based refactoring for software maintenance	Journal of Systems and Software, vol. 81(4), pp. 502-516	2008	1

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AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
M Aguilar & C. Zapata	Integrating UCD and an agile methodology in the development of a mobile catalog of plants	Advances in Intelligent Systems and Computing	2017	2.2
M. Aly and M. Franke and M. Kretz and F. Schamel and P. Simoens	Service Oriented Interactive Media (SOIM) Engines Enabled by Optimized Resource Sharing	2016 IEEE Symposium on Service-Oriented System Engineering (SOSE)	2016	2.8
Yasunori Aoki, Monika Sundqvist, Andrew C. Hooker & Peter Gennemark	PopED lite: An optimal design software for preclinical pharmacokinetic and pharmacodynamic studies	Computer Methods and Programs in Biomedicine, vol. 127, pp. 126-143	2016	2.2, 2.3
Bouaziz, R. and Lemarchand, L. and Singhoff, F. and Zalila, B. and Jmaiel, M.	Efficient parallel multi-objective optimization for real-time systems software design exploration	Proceedings of the 2016 27th International Symposium on Rapid System Prototyping: Shortening the Path from Specification to	2016	2.8
Thiago do Nascimento Ferreira and Allysson Alex Araújo and Altino Dantas Basílio Neto and Jerffeson Teixeira de Souza	Incorporating user preferences in ant colony optimization for the next release problem	Applied Soft Computing, vol. 49, pp. 1283-1296	2016	1, 2.2, 2.9
Enciso, L. and Quezada, P. and Barba-Guamán, L. and Solano, L. and Alarcón, P.-P.	Open drugstores mobile app	Advances in Intelligent Systems and Computing	2016	2.8
R Esbai & M Erramdani	Model-to-model transformation in approach by modeling: From UML model to Model-View-Presenter and Dependency Injection patterns	5th World Congress on Information and Communication Technologies WICT 2015	2016	2.2, 2.8
Gonçalves, R.C. and Batory, D. and Sobral, J.L.	ReFIO: an interactive tool for pipe-and-filter domain specification and program generation	Software and Systems Modeling	2016	2.8
X. Guo	SmartDebug: An interactive debug assistant for Java	24th ACM SIGSOFT Symp. Foundations of Software Engineering, pp. 1127-1129	2016	2.3

J.J. Kelly & C, Jacob	Eurovision3D: A multiscale visualization of evolutionary histories	Int. Conf. Parallel Problem Solving From Nature	2016	2.2
A. Liu, L. Li, J. Luo	Automated program debugging for multiple bugs based on semantic analysis	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2016	2.3
Hong Lu, Tao Yue, Shaukat Ali & Li Zhang	Nonconformity Resolving Recommendations for Product Line Configuration	2016 IEEE International Conference on Software Testing, Verification and Validation (ICST)	2016	1, 2.3
Hong Lu, Li Zhang & Tao Yue	Differential IBEA for non-conformity resolution in interactive CPS production line configuration	Ruan Jian Xue Bao/Journal of Software	2016	1
M. Lux, J. Krüger, C. Rinke, I. Maus, A. Schlüter, T. Woyke, A. Sczyrba & B. Hammer	acdc: Automated Contamination Detection and Confidence estimation for single-cell genome data	BMC Bioinformatics, vol. 17(1), article 543	2016	2.3
C. Ma, X. Chen, Y. Rao, M. Lin	Generating summarized preview for education resource based on exploring and comparing GUIs	Proc. Int. Conf. Software Engineering and Knowledge Engineering, pp. 141-146	2016	2.3
Bogdan Marculescu, Simon Poulding, Robert Feldt, Kai Petersen & Richard Torkar	Tester Interactivity Makes a Difference in Search-based Software Testing	Information and Software Technology, vol. 78, pp.66-82	2016	2.3
Nagar, K. and Srikant, Y.N.	Fast and precise worst-case interference placementfor shared cache analysis	ACM Transactions on Embedded Computing Systems	2016	2.8
Y. Qin, C. Xu, P. Yu & J. Lu	SIT: Sampling-based interactive testing for self-adaptive apps	Journal of Systems and Software	2016	2.3
Chris Simons & Jim Smith	Exploiting antipheromone in ant colony optimisation for interactive search-based software design and refactoring	Proceedings Genetic and Evolutionary Computation Conference, GECCO'16	2016	1, 2.2

X. Su, J. Qiu, T. Wang & L. Zhao	Optimization and improvements of a Moodle-Based online learning system for C programming	Proc. Frontiers in Education Conference	2016	2.3
Oleg Travkin, Heike Wehrheim	Verification of Concurrent Programs on Weak Memory Models	13th International Colloquium on Theoretical Aspects of Computing	2016	2.11
C. Villacís, W. Fuentes, M. Santillán, H. Aules, A. Tacuri, M. Zambrano & E. Salguero	On the development of strategic games based on a Semiotic analysis: A case study of an optimized Tic-Tac-Toe	Int. Conf. Enterprise Information Systems, pp. 425-432	2016	2.2
F. Amendola, M. Fernandez, M. & L. Favre	GLIESE-A Framework for Experimental Game Development	Proceedings - 12th International Conference on Information Technology: New Generations, ITNG 2015, pp. 528-533	2015	2.2
S. Bhamidipati, N. Fawaz, B. Kveton & A. Zhang	PriView: Personalized Media Consumption Meets Privacy against Inference Attacks	IEEE Software, pp. 53-59	2015	2.2, 2.9
K. Damevski, D.C. Shepherd & L. Pollock	Scaling up evaluation of code search tools through developer usage metrics	2015 IEEE 22nd International Conference on Software Analysis, Evolution, and Reengineering, SANER 2015 - Proceedings	2015	2.5
Altino Dantas, Italo Yeltsin, Allysson Alex Araújo & Jerffeson Souza	Interactive Software Release Planning with Preferences Base	Proceedings of the 7th International Symposium on Search-Based Software Engineering (SSBSE '15), pp. 341-346, Bergamo Italy, 5-7 September	2015	2.2, 2.9
S. Di Alesio, L.C. Briand, S. Nejati & A. Gotlieb	Combining genetic algorithms and constraint programming to support stress testing of task deadlines	ACM Transactions on Software Engineering and Methodology, vol. 25(1), n.4	2015	2.3
Z. Falls, D.C. Lonie, P. Avery, A. Shamp & E. Zurek	XtalOpt version r9: An open-source evolutionary algorithm for crystal structure prediction	Computer Physics Communications	2015	2.3
K. Järvelin, P. Vakkari, P. Arvola, F. Baskaya, A. Järvelin, J. Kekäläinen, H. Keskustalo, S. Kumpulainen, M. Saastamoinen, R. Savolainen &	Task-based information interaction evaluation: The viewpoint of program theory	ACM Transactions on Information Systems	2015	2.3

M.F.J. Klaib	A Parallel Tree Based Strategy for 3-way Interaction Testing	Procedia Computer Science, vol. 65, pp. 377-384	2015	2.2, 2.3, 2.9
J. Lambert, G. Rougeron, S. Chatillon & L. Lacassagne	Interactive ultrasonic field simulation for nondestructive testing	Proceedings of SPIE - The International Society for Optical Engineering	2015	2.3
R.R. Linhares, D.P.B. Renaux, J.M. Simao & P.C. Stadzisz	Evaluation of the Notification Oriented Paradigm Applied to Real-Time Systems	Brazilian Symposium on Computing System Engineering, SBESC, pp. 132-137	2015	2.2, 2.9
Bogdan Marculescu, Robert Feldt, Richard Torkar & Simon Poulding	An Initial Industrial Evaluation of Interactive Search-based Testing for Embedded Software	Applied Soft Computing, Vol. 29, pp. 26-39, April	2015	1, 2.3
M.K. Mehlawat & P. Gupta	COTS products selection using fuzzy chance-constrained multiobjective programming	Applied Intelligence, vol. 43(4), pp. 732-751	2015	2.2, 2.9
Abel Méndez-Porras, Jorge Alfaro-Velásco, Marcelo Jenkins, Alexandra Martínez Porras & Abel Méndez-Porras	Automated testing framework for mobile applications based in user-interaction features and historical bug information	2015 Latin America Computing Conference (CLEI), pp. 1-8.	2015	2.3
D.T. Nega, G.S. Tibba, A.V. Ramayya & B.G.H. Mariam	Software development for design, simulation and sizing of parabolic trough solar thermal power plant (EthioSOLA)	IEEE AFRICON Conference	2015	2.2, 2.9
T. Nelligan, S. Polsley, J. Ray, M. Helms, J. Linsey & T. Hammond	Mechanix: A sketch-based educational interface	Proceedings International Conference on Intelligent User Interfaces (IUI), pp. 53-56	2015	2.2, 2.3
A.M. Pitangueira	Incorporating preferences from multiple stakeholders in software requirements selection: An interactive search-based approach	Proceedings IEEE 23rd International Requirements Engineering Conference, RE 2015, pp. 382-287	2015	2.1, 2.2, 2.9
Chris Simons, Jeremy Singer & David R. White	Search-Based Refactoring: Metrics Are Not Enough	7th International Symposium, SSBSE 2015, Bergamo, Italy, September 5-7, 2015, Proceedings	2015	1

Wang, R. and Peng, Q. and Hu, X.	Software architecture construction and collaboration based on service dependency	Proceedings of the 2015 IEEE 19th International Conference on Computer Supported Cooperative Work in Design	2015	2.8
Z. Zhao and A. Taal and A. Jones and I. Taylor and V. Stankovski and I. G. Vega and F. J. Hidalgo and G. Suciú and A. Ulisses and P. Ferreira and C. d.	A Software Workbench for Interactive, Time Critical and Highly Self-Adaptive Cloud Applications (SWITCH)	2015 15th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing	2015	2.8
Allysson Alex Araújo & Matheus Henrique Esteves Paixão	Machine Learning for User Modeling in an Interactive Genetic Algorithm for the Next Release Problem	Proceedings of the 6th International Symposium on Search-Based Software Engineering (SSBSE '14), Vol. 8636, pp. 228-233, Fortaleza Brazil, 26-	2014	1
A. Arefin, R. Rivas & K. Nahrstedt	OSM: Prioritized evolutionary QoS optimization for interactive 3D teleimmersion	ACM Transactions on Multimedia Computing, Communications and Applications	2014	2.5
G. Bavota, A. Cierniewska, I. Chulani, A. De Nigro, M. Di Penta, D. Galletti, R. Galoppini, T.F. Gordon, P. Kedziora, I. Lener, F. Torelli, R. Pratola, J.	The market for open source: An intelligent virtual open source marketplace	2014 Software Evolution Week - IEEE Conference on Software Maintenance, Reengineering, and Reverse Engineering, CSMR-WCRE 2014 -	2014	2.5
Coppa, E. and Demetrescu, C. and Finocchi, I. and Marotta, R.	Estimating the empirical cost function of routines with dynamic workloads	Proceedings of the 12th ACM/IEEE International Symposium on Code Generation and Optimization	2014	2.9
Ahmed Eid El Yamany, Mohamed Shaheen & Abdel Salam Sayyad	OPTI-SELECT: An interactive tool for user-in-the-loop feature selection in software product lines	Proceedings of the 18th International Software Product Line Conference: Companion Volume for Workshops, Demonstrations and Tools - Volume 2	2014	1, 2.2
Alvaro Garcia-Piquer, Josep Guardia, Josep Colome, Ignasi Ribas, Lluís Gesa, Juan Carlos Morales, Ana Perez-Calpena, Walter Seifert,	CARMENES Instrument Control System and Operational Scheduler	Proceedings of SPIE - The International Society for Optical Engineering	2014	2.2
O.P. González	A model-driven method for gesture-based interface requirements specification	CEUR Workshop Proceedings, vol. 1138, pp. 67-73	2014	2.1, 2.2, 2.9
J. Hänsel	Model based test case generation with metaheuristics for networks of timed automata	7th International Workshop on Search-Based Software Testing, SBST 2014 - Proceedings	2014	2.3

Hermerschmidt, L. and Perez, A.N. and Rumpe, B.	A model-based software development kit for the sensorcloud platform	Trusted Cloud Computing	2014	2.8, 2.9
Mohamed Wiem Mkaouer, Marouane Kessentini, Slim Bechikh, Kalyanmoy Deb & Mel Ó Cinnéide	Recommendation system for software refactoring using innovization and interactive dynamic optimization	ASE 2014 - Proceedings of the 29th ACM/IEEE International Conference on Automated Software Engineering	2014	1
M.M. Philip & B. Vijayakumar	Software architectural design for image retrieval system involving data streams and user interactivity	Lecture Notes in Engineering and Computer Science, vol. 1, pp. 211-215	2014	2.2, 2.8, 2.9
Casper Shyr, Andre Kushniruk, Wyeth W Wasserman	Usability study of clinical exome analysis software: Top lessons learned and recommendations	Journal of Biomedical Informatics	2014	2.9
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	Swarm Intelligence, Vol. 8(2), pp. 139-157, June	2014	2.2, 2.9
H. Suominen, T. Schreck, G. Leroy, H. Hochheiser, L. Goeuriot, L. Kelly, D.L. Mowery, J. Nualart, G. Ferraro & D. Keim	Task 1 of the CLEF eHealth evaluation lab 2014 visual interactive search and exploration of eHealth data	CEUR Workshop Proceedings	2014	2.2, 2.3
J.R.M. Viana, N.P. Viana, F.A.M. Trinta & W.V. De Carvalho	A Systematic Review on Software Engineering in Pervasive Games Development	Brazilian Symposium on Games and Digital Entertainment, SBGAMES, pp. 51-60	2014	2.2
Zhang, T. and Song, M. and Kim, M.	Critics: An interactive code review tool for searching and inspecting systematic changes	Proceedings of the ACM SIGSOFT Symposium on the Foundations of Software Engineering	2014	2.11
A. Zimmermann, B. Gonen, R. Schmidt, E. El-Sheikh, S. Bagui, N. Wilde	Adaptable enterprise architectures for software evolution of smartlife ecosystems	Proceedings - IEEE International Enterprise Distributed Object Computing Workshop, EDOCW	2014	2.5, 2.12
Bobkov, V. and Morozov, M. and Bagnitsky, A. and Inzartsev, A. and Pavin, A. and Scherbatyuk, A. and Tuphanov, I.	Simulation system for underwater research vehicle	Scientific Visualization	2013	2.8, 2.10

Bozzon, Alessandro and Brambilla, Marco and Ceri, Stefano and Mazza, Davide	Exploratory Search Framework for Web Data Sources	The VLDB Journal	2013	2.8
Paula de Matos, Jennifer A. Cham, Hong Cao, Rafael Alcantara, Francis Rowland, Rodrigo Lopez & Christoph Steinbeck	The Enzyme Portal: a case study in applying user-centred design methods in bioinformatics	BMC Bioinformatics, vol. 14	2013	2.2
Márcio de Oliveira Barros	An Experimental Study on Incremental Search-Based Software Engineering	5th International Symposium, SSBSE 2013, St. Petersburg, Russia, August 24-26, 2013. Proceedings	2013	1
Adnane Ghannem, Ghizlane El Boussaidi & Marouane Kessentini	Model Refactoring using Interactive Genetic Algorithm	Proceedings of the 5th International Symposium on Search Based Software Engineering (SSBSE '13), Vol. 8084, pp. 96-110, St. Petersburg Russia,	2013	2.5
Muhammad Zohaib Iqbal, Andrea Arcuri & Lionel B	Environment modeling and simulation for automated testing of soft real-time embedded software	Software and Systems Modeling, vol. 14(1), pp. 483-524	2013	1, 2.3
Neesha Kodagoda, Simon Attfield, B. L. William Wong, Chris Rooney & Sharmin Choudhury	Using Interactive Visual Reasoning to Support Sense-Making: Implications for Design	IEEE Transactions on Visualization and Computer Graphics, vol. 19(12), pp. 2217-2226	2013	2.2
L.A. Liikkanen & P.G. Gómez	Designing interactive systems for the experience of time	Proceedings of the 6th International Conference on Designing Pleasurable Products and Interfaces, DPPI 2013	2013	2.2
Bogdan Marculescu, Robert Feldt & Richard Torkar	Objective Re-Weighting to Guide an Interactive Search Based Software Testing System	Proceedings of the 12th International Conference on Machine Learning and Applications (ICMLA '13), pp. 102-107, Miami Florida USA, 4-7	2013	1, 2.3
Bogdan Marculescu, Robert Feldt & Richard Torkar	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool	Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC '13), pp. 87-92, Bangkok Thailand, 2-5 December	2013	1, 2.3
M. Nakao, M. Hosokawa, Y. Imai, N. Ueda, T. Hatanaka, K. Minato, T. Kirita & T. Matsuda	Volumetric surgical planning system for fibular transfer in mandibular reconstruction	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS	2013	2.2

Pereira Jr., Á.R. and Dutra, D. and Stilpen Jr., M. and Dutra, A.A. and Melo, F.M. and Mendonça, P.H.C. and De Jesus, Â.M. and Ferreira, K.	Radialize: A tool for social listening experience on the web based on radio station programs	WWW 2013 Companion - Proceedings of the 22nd International Conference on World Wide Web	2013	2.8
Rost, D. and Naab, M. and Lima, C. and Von Flach Garcia Chavez, C.	Software architecture documentation for developers: A survey	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2013	2.8
Luis Emiliano Sanchez, Sabine Moisan & Jean-Paul Rigault	Metrics on feature models to optimize configuration adaptation at run time	2013 1st International Workshop on Combining Modelling and Search-Based Software Engineering, CMSBSE 2013 - Proceedings	2013	1
D. Shneeweiss & P. Hofstedt	FdConfig: A constrained-based interactive product configurator	19th Int. Conf. On Applications of Declarative Programming and Knowledge Management, pp. 239-255	2013	2.2
Christopher L. Simons	Whither (away) Software Engineers in SBSE?	Proceedings of the 1st International Workshop on Combining Modelling and Search-Based Software Engineering (CMSBSE '13), pp. 49-50, San	2013	1
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, vol. 17(11), pp. 2147-2162, April	2013	1, 2.2
Paolo Tonella, Angelo Susi & Francis Palma	Interactive Requirements Prioritization using a Genetic Algorithm	Information and Software Technology, Vol. 55(1), pp. 173-187, January	2013	1
Alabau, V. and Leiva, L.A. and Ortiz-Martínez, D. and Casacuberta, F.	User evaluation of interactive machine translation systems	Proceedings of the 16th Annual Conference of the European Association for Machine Translation, EAMT 2012	2012	2.8
M. Chen & C. Yang	Private recommendation system based on user social preference model and online-video ontology in interactive digital TV	Proceedings of the 2012 4th International Conference on Intelligent Human-Machine Systems and Cybernetics, IHMSC 2012	2012	2.3
Rory Clune, Jerome J Connor, John A Ochsendorf, Denis Kelliher	An object-oriented architecture for extensible structural design	Computers & Structures	2012	2.8

W. Doubé & J. Beh	Typing over autocomplete: Cognitive load in website use by older adults	Proceedings of the 24th Australian Computer-Human Interaction Conference, OzCHI 2012	2012	2.3
F. Fakhar, B. Javed, R. ur Rasool, O. Malik & K. Zulfiqar	Software level green computing for large scale systems	Journal of Cloud Computing, vol. 1(1), pp. 1-17	2012	2.2
S.-W. Fang & S.-K. Wong	Game team balancing by using particle swarm optimization	Knowledge-Based Systems, vol. 34, pp. 91-96	2012	2.2
Adam Grzywaczewski, Rahat Iqbal	Task-specific information retrieval systems for software engineers	Journal of Computer and System Sciences	2012	2.9
R. Iqbal, A. Grzywaczewski, A. James, F. Doctor & J. Halloran	Investigating the value of retention actions as a source of relevance information in the software development environment	Proceedings of the 2012 IEEE 16th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2012	2012	2.2, 2.9
T. Keuler	"Just-in-time" architectural knowledge for developers	ACM International Conference Proceeding Series	2012	2.8
Bogdan Marculescu, Robert Feldt & Richard Torkar	A Concept for an Interactive Search-Based Software Testing System	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 273-278, Riva del Garda Italy,	2012	1, 2.3
Rodríguez-Echeverría, R. and Conejero, J.M. and Clemente, P.J. and Preciado, J.C. and Sánchez-Figueroa, F.	Modernization of legacy web applications into rich internet applications	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2012	2.8
M.H. Shaikh	Study of Arduino for creative and interactive artwork installations dge for creativeness	Communications in Computer and Information Science, pp. 478-488	2012	2.2, 2.9
S.E. Sim, R. Gallardo-Valencia, K. Philip, M. Umarji, M. Agarwala, C.V. Lopes & S. Ratanotayanon	Software reuse through methodical component reuse and amethodical snippet remixing	Proceedings of the ACM Conference on Computer Supported Cooperative Work, CSCW	2012	2.2, 2.9

J.J. Yu, X.S. Qin, L.C. Larsen, O. Larsen, A. Jayasooriya & X.L. Shen	A GIS-based management and publication framework for data handling of numerical model results	Advances in Engineering Software, vol. 45(1), pp. 360-369	2012	2.2
S.D. Berry, P. Bourke & J.B. Wang	QwViz: Visualisation of quantum walks on graphs	Computer Physics Communications	2011	2.3
Bozzon, Alessandro and Brambilla, Marco and Ceri, Stefano and Fraternali, Piero and Vadacca, Salvatore	Exploratory Search in Multi-domain Information Spaces with Liquid Query	Proceedings of the 20th International Conference Companion on World Wide Web	2011	2.8
J. Chappelow, J.E. Tomaszewski, M. Feldman, N. Shih & A. Madabhushi	HistoStitcher©: An interactive program for accurate and rapid reconstruction of digitized whole histological sections from tissue fragments	Computerized Medical Imaging and Graphics, vol. 35, pp. 7-8	2011	2.2
A. Chilipala	Mostly-automated verification of low-level programs in computational separation logic	Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI)	2011	2.11
S. Edelkamp, M. Kellershoff & D. Sulewski	Program model checking via action planning	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2011	2.2, 2.9
M. Geveler, D. Ribbrock, S. Mallach & D. Göddeke	A simulation suite for Lattice-Boltzmann based real-time CFD applications exploiting multi-level parallelism on modern multi- and many-core	Journal of Computational Science, vol. 2(2), pp. 113-123	2011	2.2, 2.9
S. Gulwani, V.A. Korthikanti & A. Tiwari	Synthesizing geometry constructions	Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI)	2011	2.3
A. Haag & S. Riemann	Product configuration as decision support: The declarative paradigm in practice	Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM	2011	2.5
D. Hardy, B. Lesage & I. Puaut	Scalable fixed-point free instruction cache analysis	Proceedings - Real-Time Systems Symposium, vol. 204-213	2011	2.2, 2.9

A. Holzinger, P. Kosec, G. Schwantzer, M. Debevc, R. Hofmann-Wellenhof & J. Frühauf	Design and development of a mobile computer application to reengineer workflows in the hospital and the methodology to evaluate its	Journal of Biomedical Informatics, vol. 44(6), pp. 968-977	2011	2.2
S.-K. Jung & K. McDonald	Visual gene developer: A fully programmable bioinformatics software for synthetic gene optimization	BMC Bioinformatics, vol. 12	2011	2.3
A.S. Kleshchev	How can ontologies contribute to software development?	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2011	2.2, 2.9
M.-W. Lee, S.-W. Hwang & S. Kim	Integrating code search into the development session	Proceedings - International Conference on Data Engineering	2011	2.2, 2.9
Alessandro Marchetto & Paolo Tonella	Using Search-based Algorithms for Ajax Event Sequence Generation during Testing	Empirical Software Engineering, Vol. 16(1), pp. 103-140, February	2011	1
G. Russel, C. Riley, N. Henning, U. Dolinsky, A. Richards, A.F. Donaldson & A.S. Van Amesfoort	The impact of diverse memory architectures on multicore consumer software: An industrial perspective from the video games domain	Proceedings of the 2011 ACM SIGPLAN Workshop on Memory Systems Performance and Correctness, MSPC 2011	2011	2.2, 2.9
H. Su & W. Cheng	Design and implementation of an optimum multi-path inquiry system with graphic show on city rail transit	Proceedings - PACCS 2011: 2011 3rd Pacific-Asia Conference on Circuits, Communications and System	2011	2.2, 2.8
Sriharsha Vathsavayi, Hadaytullah & Kai Koskimies	Interleaving human and search-based software architecture design	12th Symposium on Programming Languages and Software Tools	2011	2.8
S. Wagner & G. Kronberger	Algorithm and experiment design with heuristiclab: An open source optimization environment for research and education	Genetic and Evolutionary Computation Conference, GECCO'11 - Companion Publication	2011	2.3
J. Zimmerman	Killing off user-centered design	Interactions, vol. 18(3), pp. 10-11	2011	2.2, 2.9

Mauro Brunato and Roberto Battiti	Grapheur: A Software Architecture for Reactive and Interactive Optimization	Learning and Intelligent Optimization, 4th International Conference, LION 4, Venice, Italy, January 18-22, 2010. Selected Papers	2010	2.8
E.J.C. De Lima, J.A. Rodrigues Nt., G.B. Xexéo, J.M. De Souza	ARARA - A collaborative tool to requirement change awareness	Proceedings of the 2010 14th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2010	2010	2.2, 2.9
J.T.Q. Deng, H. Zhao, Y. Yuan, S. Zhang, B. Xu, Y.N. Guo, Y.L. Zeng, S.L. Ruan, S.Q. Liu, G.W. Chen, J.H. Wu & X.Q. Chen	Compute-online designs of RFIC/MMIC passive components	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	2010	2.2
Grochow, K. and Howe, B. and Stoermer, M. and Barga, R. and Lazowska, E.	Client + cloud: Evaluating seamless architectures for visual data analytics in the ocean sciences	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2010	2.8
S. Hegde & G.K. Ananthasuresh	Design of single-input-single-output compliant mechanisms for practical applications using selection maps	Journal of Mechanical Design, Transactions of the ASME	2010	2.2
M. Ionel, M.-F. Stan, I.T. Daniel, D. Enescu, E.O. Virjoghe & O.-M. Ionel	Strategies for increasing energy efficiency in electrical drives	International Conference on Computational Intelligence, Man-Machine Systems and Cybernetics - Proceedings	2010	2.2
Paolo Tonella, Angelo Susi & Francis Palma	Using Interactive GA for Requirements Prioritization	Proceedings of the 2nd International Symposium on Search Based Software Engineering (SSBSE '10), pp. 57-66, Benevento Italy, 7-9 September	2010	1
S. Sabharwal, S.K. Singh, D. Sabharwal & A. Gabrani	An event-based approach to generate test scenarios	2010 International Conference on Computer and Communication Technology, ICCCT-2010	2010	2.2, 2.8, 2.9
Christopher L. Simons & Ian C. Parmee	Dynamic parameter control of interactive local search in UML software design	Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, Istanbul, Turkey, 10-13 October 2010	2010	2.2
Christopher L. Simons, Ian C. Parmee & Rhys Gwynllyw	Interactive, Evolutionary Search in Upstream Object-Oriented Class Design	IEEE Transactions on Software Engineering, Vol. 36(6), pp. 798-816, November-December	2010	2.2

X. Wu, T. Roby & L. Ly	Spitzer heritage archive	Proceedings of SPIE - The International Society for Optical Engineering	2010	2.2
S. Zhou, M. Chen, J. Hua, H. Jin & C. Li	CAD software development for planet carrier design	Proceedings of the 2010 14th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2010	2010	2.2, 2.9
N. Adjir, P. De Saqui-Sannes & K.M. Rahmouni	Testing real-time systems using TINA	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2009	2.3
Cosimo Birtolo, Paolo Pagano & Luigi Troiano	Evolving colors in user interfaces by interactive genetic algorithm	World Congress on Nature Biologically Inspired Computing, 2009. NaBIC 2009	2009	1
Calife, D. and Bernardes Jr., J.L. and Tori, R.	Robot Arena: An augmented reality platform for game development	Computers in Entertainment	2009	2.8
D.-J. Chang & M. Ouyang	Using CUDA in XNA games development	Proceedings of CGAMES 2009 USA - 14th International Conference on Computer Games: AI, Animation, Mobile, Interactive Multimedia,	2009	2.2
J. Chmielewski	Building extensible 3D interaction metadata with interaction interface concept	1st International Conference on Knowledge Discovery and Information Retrieval	2009	2.9
Fiondella, L. and Gokhale, S.S.	Resource allocation for a modular software system	Proceedings of the 21st International Conference on Software Engineering and Knowledge Engineering, SEKE 2009	2009	2.8
Machado, J. and Pedrosa, G. and Freire, N. and Martins, B. and Manguinhas, H.	User interface for a geo-temporal search service using DIGMAP components	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2009	2.8
J. Rossmann, N. Hempe & P. Tietjen	A flexible model for real-time crowd simulation	Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics	2009	2.2

Christopher L. Simons & Ian C. Parmee	An Empirical Investigation of Search-based Computational Support for Conceptual Software Engineering Design	Proceedings of IEEE International Conference on Systems, Man and Cybernetics (SMC '09), pp. 2503-2508, San Antonio USA, 11-14 October	2009	1, 2.2
Su, Moon Ting and Hirsch, Christian and Hosking, John	KaitoroBase: Visual Exploration of Software Architecture Documents	Proceedings of the 2009 IEEE/ACM International Conference on Automated Software Engineering	2009	2.8
Bobineau, C. and Collet, C. and Vu, T.-T.	A strategy to develop adaptive and interactive query brokers	ACM International Conference Proceeding Series	2008	2.8
C. Bouchard, J.-F. Omhover, C. Mougenot, A. Aoussat, S.J. Westerman	TRENDS: A content-based information retrieval system for designers	Design Computing and Cognition '08 - Proceedings of the 3rd International Conference on Design Computing and Cognition	2008	2.2
Chmielewski, Jacek	Interaction Interfaces for Unrestricted Multimedia Interaction Descriptions	Proceedings of the 6th International Conference on Advances in Mobile Computing and Multimedia	2008	2.9
P. Ehlen, R. Fernandez & M. Frampton	Designing and evaluating meeting assistants, keeping humans in mind	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2008	2.2
F. Fages & S. Soliman	Formal cell biology in biocham	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2008	2.2
H. Hadim & T. Suwa	Multidisciplinary design and optimization methodologies in electronics packaging: State-of-the-art review	Journal of Electronic Packaging, Transactions of the ASME	2008	2.2
Joshi, R. and Schneider, S.	Architecting an integrated reconfigurable application platform for UxVs: Standards-based software architecture for unmanned systems	AUVSI Unmanned Systems North America Conference 2008	2008	2.8
H.S.H. Khin, C. YoungSik & S.P. Jong	Applying particle swarm optimization to prioritizing test cases for embedded real time software retesting	Proceedings - 8th IEEE International Conference on Computer and Information Technology Workshops, CIT Workshops 2008	2008	2.3, 2.5

Li, P. and Castrillo, J.I. and Velarde, G. and Wassink, I. and Soiland-Reyes, S. and Owen, S. and Withers, D. and Oinn, T. and Pocock, M.R. and	Performing statistical analyses on quantitative data in Taverna workflows: An example using R and maxdBrowse to identify differentially-	BMC Bioinformatics	2008	2.8
Claudia Lopez, Hernan Astudillo, Luiz Marcio Cysneiros	Semantic-Aided Interactive Identification of Reusable NFR Knowledge Fragments	On the Move Confederated International Conference and Workshops	2008	2.8
F. Picard & P. Estrailier	Motion capture system contextualization application to game development	Proceedings of CGAMES 2008 - 13th International Conference on Computer Games: AI, Animation, Mobile, Educational and Serious Games	2008	2.2
Z.H. Sain, M. Lechner, H. Milchrahm, S. Shahzad, W. Slaný, M. Umgeher, T. Vlk & P. Wolkerstorfer	User interface design for a mobile multimedia application: An iterative approach	Proceedings of the 1st International Conference on Advances in Computer-Human Interaction, ACHI 2008	2008	2.2, 2.9
Christopher L. Simons & Ian C. Parmee Keijzer, M. (Hrsg.)	Agent-based Support for Interactive Search in Conceptual Software Engineering Design	Proceedings of the 10th Annual Conference on Genetic and Evolutionary Computation (GECCO '08), pp. 1785-1786, Atlanta GA USA, 12-16 July	2008	2.2
Christopher L. Simons & Ian C. Parmee	User-centered, Evolutionary Search in Conceptual Software Design	Proceedings of the IEEE Congress on Evolutionary Computation (CEC '08) (World Congress on Computational Intelligence), pp. 869-876, Hong	2008	2.2, 2.9
H. Xu, L. Lu, W. Song & S. Zhou	The distance education system based on VRML	Proceedings - International Conference on Computer Science and Software Engineering, CSSE 2008	2008	2.5
N.L. Atkinson, H.A. Massett, C. Mylks, B. Hanna, M.J. Deering, B.W. Hesse	User-centered research on breast cancer patient needs and preferences of an internet-based clinical trial matching system	Journal of Medical Internet Research, vol. 9(2)	2007	2.2
Y. Dubinsky, T. Catarci & S. Kimani	Using catalogue browsing for speech-based interface to a digital library	Proceedings of the 2nd IASTED International Conference on Human-Computer Interaction, HCI 2007	2007	2.2, 2.9
laakov Exman & Alex Shnayder	ScanObjects: Adding Steering Wheels to Search Engines	IEEE International Conference on Software-Science, Technology & Engineering, 2007. SwSTE 2007	2007	2.8

W. Fan, Y. Xiong & G. Xiong	Study on collaborative parameter design system of complex product	Proceedings of the 2007 11th International Conference on Computer Supported Cooperative Work in Design, CSCWD	2007	2.2
H.M. Kienle & H.A. Müller	Requirements of software visualization tools: A literature survey	VISSOFT 2007 - Proceedings of the 4th IEEE International Workshop on Visualizing Software for Understanding and Analysis	2007	2.5
Korkhov, V. and Vasyunin, D. and Wibisono, A. and Belloum, A.S.Z. and Inda, M.A. and Roos, M. and Breit, T.M. and Hertzberger, L.O.	VLAM-G: Interactive data driven workflow engine for Grid-enabled resources	Scientific Programming	2007	2.8
S. Koziel & J.W. Bandler	SMF: A user-friendly software engine for space-mapping-based engineering design optimization	Conference Proceedings of the International Symposium on Signals, Systems and Electronics	2007	2.2
A. Lang & M. Masoodian	Graphic designers' quest for the right music	ACM International Conference Proceeding Series	2007	2.2
Lin, F. and Sun, J.	An interactive media platform scheme for DTV receiver compliant with MHP	IEEE Transactions on Consumer Electronics	2007	2.8
Liu, H. and Liu, X. and Duan, H.	Context-aware design agents in pervasive computing environment	2nd International Conference on Pervasive Computing and Applications	2007	2.8
Debra Revere, Anne M. Turner, Neil Rambo, Paul F. Bugni, AnnMarie Kimball & Sherrilynne S. Fuller	Understanding the information needs of public health practitioners: A literature review to inform design of an interactive digital knowledge	Journal of Biomedical Informatics, vol. 40(4), pp. 410-421	2007	2.2
D. Xu	Design and evaluation of tangible interfaces for primary school children	Proceedings of the 6th international Conference on Interaction Design And Children, IDC 2007	2007	2.2
C. Damas, B. Lambeau & A. Van Lamsweerde	Scenarios, goals, and state machines: A win-win partnership for model synthesis	Proceedings of the ACM SIGSOFT Symposium on the Foundations of Software Engineering	2006	2.2

Fruscione, A. and McDowell, J.C. and Allen, G.E. and Brickhouse, N.S. and Burke, D.J. and Davis, J.E. and Durham, N. and Elvis, M. and Galle, E.C.	CIAO: Chandra's data analysis system	Proceedings of SPIE - The International Society for Optical Engineering	2006	2.12
Kleffner, M.D. and Jones, D.L. and Hiser, J.D. and Kulkarni, P. and Parent, J. and Hines, S. and Whalley, D. and Davidson, J.W. and Gallivan, K.	On the use of compilers in DSP laboratory instruction	IEEE International Conference on Acoustics, Speech and Signal Processing	2006	2.9
A.J. Ko, B.A. Myers, M.J. Coblenz, H.H. Aung	An exploratory study of how developers seek, relate, and collect relevant information during software maintenance tasks	IEEE Transactions on Software Engineering, vol. 32(12), pp. 971-987	2006	2.5, 2.9
Mierswa, I. and Wurst, M. and Klinkenberg, R. and Scholz, M. and Euler, T.	YALE: Rapid prototyping for complex data mining tasks	Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining	2006	2.9
S. Russell & J.J. DiStefano III	W3MAMCAT: A world wide web based tool for mammillary and catenary compartmental modeling and expert system distinguishability	Computer Methods and Programs in Biomedicine	2006	2.2
P. Van Gorp, F. Altheide & D. Janssens	Towards 2D traceability in a platform for contract aware visual transformations with tolerated inconsistencies	Proceedings - IEEE International Enterprise Distributed Object Computing Workshop, EDOC	2006	2.5
L. Zeng, D. Feng, F. Wang, Z. Cheng & Q. Zou	Creation of a java-based interactive modeling environment with tape library model example	Proceedings - 2006 International Workshop on Networking, Architecture, and Storages, NAS'06	2006	2.2
Deutsch, A. and Marcus, M. and Sui, L. and Vianu, V. and Zhou, D.	A verifier for interactive, data-driven web applications	Proceedings of the ACM SIGMOD International Conference on Management of Data	2005	2.11
G. A. Di Lucca and A. R. Fasolino and P. Tramontana	Recovering Interaction Design Patterns in Web Applications	Ninth European Conference on Software Maintenance and Reengineering, pp. 366-374	2005	2.5
C. Möbus, H. Seebold & H. Garbe	A greedy knowledge acquisition method for the rapid prototyping of knowledge structures	Proceedings of the 3rd International Conference on Knowledge Capture, K-CAP'05	2005	2.2

V.L. Centeno, C.D. Kloos, L.S. Fernández & N.F. Garcia	Web task automation: A standards-based proposal	International Journal of Web Engineering and Technology	2004	2.5
François, A.R.J.	A hybrid architectural style for distributed parallel processing of generic data streams	Proceedings - International Conference on Software Engineering	2004	2.8
R. Kamalian, H. Takagi & A.M. Agogino	Optimized design of MEMS by evolutionary multi-objective optimization with interactive evolutionary computation	Genetic and Evolutionary Computation Conference, Seattle, WA, USA, June 26-30, 2004. Proceedings, Part II	2004	2.3
A. Seffah, E. Metzker	The obstacles and myths of usability and software engineering	Communications of the ACM	2004	2.9
Vailaya, A. and Bluvas, P. and Kincaid, R. and Kuchinsky, A. and Creech, M. and Adler, A.	An architecture for biological information extraction and representation	Proceedings of the ACM Symposium on Applied Computing	2004	2.8
F. Bellotti, R. Berta, A. De Gloria & M. Margarone	Supporting efficient design of mobile HCI	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2003	2.2, 2.9
Weinreich, R. and Plösch, R.	Remote Configuration of Agent-Based Component Systems	Journal of Object Technology	2003	2.8
F. Bellotti, R. Berta, A. De Gloria & M. Margarone	MADE: developing edutainment applications on mobile computers	Computers & Graphics-UK	2003	2.9
S. Klamt, J. Stelling, M. Ginkel & E.D. Gilles	FluxAnalyzer: Exploring structure, pathways, and flux distributions in metabolic networks on interactive flux maps	Bioinformatics, vol. 19(2), pp. 261-269	2003	2.2
Lencevicius, R. and Hölzle, U. and Singh, A.K.	Dynamic query-based debugging of object-oriented programs	Automated Software Engineering	2003	2.9

JM Martinez, J Cabrera, J Bescos, G Cisneros, JM Menendez	MISS: A generic model for MetaInformation SubSystems	Multimedia Tools and Applications	2003	2.8
WH Hsu, M Welge, T Redman, D Clutter	High-performance commercial data mining: A multistrategy machine learning application	Data Mining and Knowledge Engineering	2002	2.9
Green, M. and Abdallah, A.E.	Performance analysis and behaviour tuning for optimisation of communicating systems	Concurrent Systems Engineering Series	2002	2.8
Mockus, A. and Herbsleb, J.D.	Expertise browser: A quantitative approach to identifying expertise	Proceedings-International Conference on Software Engineering	2002	2.9
PM Christian, R Wells	The Aerospace Toolbox (R), a flight vehicle design, analysis, simulation, and software development environment (Part I: An introduction and tutorial)	5th Enabling Technology for Simulation Science Conference	2001	2.9
He, F. and Agah, A.	Implementation of an intelligent force feedback multimedia game	Journal of Intelligent Systems	2001	2.9
D Schmidt	Policies and patterns for high-performance, real-time object request brokers	26th Annual IEEE Conference on Local Computer Networks	2001	2.9
T.P. Loughman, R.A. Fleck Jr. & R. Snipes	A cross-disciplinary model for improved information systems analysis	Industrial Management and Data Systems, vol. 100(8), pp. 359-369	2000	2.1
Witten, I.H. and McNab, R.J. and Jones, S. and Apperley, M. and Bainbridge, D. and Cunningham, S.J.	Managing Complexity in a Distributed Digital Library	Computer	1999	2.8
A Bohne, E Lang, CW von der Lieth	W3-SWEET: Carbohydrate modeling by Internet	Journal of Molecular Modeling	1998	2.9

S. Jarzabek	Design of flexible static program analyzers with PQL	IEEE Transactions on Software Engineering, vol. 24(3), pp. 197-215	1998	2.5
M. Kamkar	Application of program slicing in algorithmic debugging	Information and Software Technology, vol. 40(11-12), pp. 637-645	1998	2.5, 2.9
Linhares, R.R. and Renaux, D.P.B. and Simão, J.M. and Stadzisz, P.C.	Evaluation of the notification oriented paradigm applied to real-time systems	European Signal Processing Conference	1998	2.9
E. Melis, A. Schairer	Similarities and reuse of proofs in formal software verification	4th European Workshop on Case-Based Reasoning	1998	2.11
Wilkes, D.M. and Alford, A. and Pack, R.T. and Rogers, T. and Peters, R.A. and Kawamura, K. and Pack, R.T.	Toward socially intelligent service robots	Applied Artificial Intelligence	1998	2.8
Dearden, A.M. and Harrison, M.D.	Abstract models for HCI	International Journal of Human Computer Studies	1997	2.9
S. Dick & T. Santen	Searching for a Global Search Algorithm	Automated Software Engineering	1997	2.2
Kaiser, Gail E. and Dossick, Stephen E. and Jiang, Wenyu and Yang, Jack Jingshuang	Architecture for WWW-based hypercode environments	Proceedings - International Conference on Software Engineering	1997	2.9
D.F.X. Mathaisel	Decision support for airline schedule planning	Journal of Combinatorial Optimization, vol. 1(3), pp. 251-275	1997	2.1
P.R.S. Vilela, J.C. Maldonado & M. Jino	Program graph visualization	Software - Practice and Experience, vol. 27(11), pp. 1245-1262	1997	2.3

M.D. Valdés, M.J. Moure, L. Rodríguez & A. del Rio	Interactive practical teaching of digital circuits design by means of Field Programmable Gate Arrays	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	1996	2.2
Ducan Clarke & Insup Lee	Testing real-time constraints in a process algebraic setting	Proceedings - International Conference on Software Engineering	1995	2.3
Guang, Yang and Kubicek, Herbert and Redder, Volker	Driving the citizen-oriented information on the electronic highway	International Conference on Multimedia Computing and Systems -Proceedings	1995	2.9
S. Jarzabek	PQL: A language for specifying abstract program views	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	1995	2.5
S. Henninger & N. Belkin	Interface issues and interaction strategies for information retrieval systems	Conference on Human Factors in Computing Systems - Proceedings	1994	2.2
M Li, KJM Moriarty, S Srinivas	Parallelism Analysis and Optimization in Spely, A Programming Environment	Computer Physics Communications	1994	2.9
C. Geourjon & G. Deléage	Interactive and graphic coupling between multiple alignments, secondary structure predictions and motif/pattern scanning into proteins	Bioinformatics, vol. 9(1), pp. 87-91	1993	2.2
K.S. Makarova, A.V. Mazin, Y.I. Wolf & V.V. Soloviev	Dirom: An experimental design interactive system for directed mutagenesis and nucleic acids engineering	Bioinformatics, vol. 8(5), pp. 425-431	1992	2.2
M. Isreb	Pipe finite element life synthesis software design for petrochemical and power industry	Computers and Structures, vol. 39(5), pp. 431-434	1991	2.2
A. Mockus & L. Mockus	Design of software for global optimization	Informatica (Netherlands), vol. 1(1), pp. 71-88	1990	2.2

P.R. Sibbald & P. Argos	Scrutineer: A computer program that flexibly seeks and describes motifs and profiles in protein sequence databases	Bioinformatics, vol. 6(3), pp. 279-288	1990	2.2
D.R. Smith	KIDS: A Semiautomatic Program Development System	IEEE Transactions on Software Engineering	1990	2.9
David L. Zimmerman & Michael R. Lowry	Algorithm design and parallel program development through formal specifications	Proceedings of the Hawaii International Conference on System Science	1990	2.2
Papazoglou, M.P. and Bubenko, J. and Norrie, M.	Intent: An Integrated Environment for Distributed Heterogeneous Databases	ACM SIGPLAN Notices	1989	2.9
I.J. Kalet & J.P. Jacky	Radiation therapy treatment planning using concurrent programming	Computer Methods and Programs in Biomedicine, vol. 26(2), pp. 115-122	1988	2.2
M.A.A. Moussa & B.A.Ouda	Correspondence analysis of contingency tables	Computer Methods and Programs in Biomedicine, vol. 27(2), pp. 11-119	1988	2.2
C.A. Walczak, L.D. Blaine & M.I. Krichevsky	The CODATA/IUIS Hybridoma Data Bank: development of a hybrid system to handle complex data relationships	Computer Methods and Programs in Biomedicine, vol. 27(3), pp. 275-285	1988	2.2
Ottenstein, K.J. and Ottenstein, L.M.	The program dependence graph in a software development environment	ACM SIGPLAN Notices	1984	2.9
C. Rich & H.E. Shrobe	Initial Report on a Lisp Programmer's Apprentice	IEEE Transactions on Software Engineering, vol. SE-4, n. 6, pp. 456-467	1978	2.2, 2.9

Sorted by YEAR, AUTHOR'S SURNAME

AUTHORS	TITLE	PUBLICATION	YEAR	SEARCH STRING
Philip Achimugu, Ali Selamat & Roliana Ibrahim	ReproTizer: A Fully Implemented Software Requirements Prioritization Tool	Transactions on Computational Collective Intelligence XXII, pp. 80-105	2016	2.2
Allysson Alex Araújo, Matheus Paixao, Italo Yeltsin, Altino Dantas, & Jerffeson Souza	An Architecture based on interactive optimization and machine learning applied to the next release problem	Automated Software Engineering	2016	1.1, 1.2, 1.3, 1.4, 2.2
Ines Hajri, Arda Goknil, Lionel C. Briand & Thierry Stephany	Configuring use case models in product families	Software & Systems Modeling, pp.1-33	2016	1.2
Usman Mansoor, Marouane Kessentini, Bruce R. Maxim & Kalyanmoy Deb	Multi-objective code-smells detection using good and bad design examples	Software Quality Journal, pp. 1-24	2016	1.2
Mohamed Wiem Mkaouer, Marouane Kessentini, Mel Ó Cinnéide, Shinpei Hayashi & Kalyanmoy Deb	A robust multi-objective approach to balance severity and importance of refactoring opportunities	Empirical Software Engineering, pp. 1-34	2016	1.2
Mel Ó Cinnéide, Iman Hemati Moghadam, Mark Harman, Steve Counsell & Laurence Tratt	An experimental search-based approach to cohesion metric evaluation	Empirical Software Engineering, p.1-38	2016	1.2
Zhenlian Peng, Jian Wang, Keqing He & Hongtao Li	An Approach for Prioritizing Software Features Based on Node Centrality in Probability Network	Software Reuse: Bridging with Social-Awareness: 15th International Conference, ICSR 2016	2016	2.2
Antonio Mauricio Pitangueira, Paolo Tonella, Angelo Susi, Rita Suzana Maciel & Marcio Barros	Risk-Aware Multi-stakeholder Next Release Planning Using Multi-objective Optimization	22nd International Working Conference Requirements Engineering: Foundation for Software Quality, vol. 3-18	2016	1.3
Christoph Schmidt	Agile Software Development	Agile Software Development Teams	2016	2.2

Rahul Thakurta	Understanding requirement prioritization artifacts: a systematic mapping study	Requirements Engineering, pp. 1-33	2016	1.2, 2.1, 2.2
Luigi Troiano, Cosimo Birtolo & Roberto Armenise	A validation study regarding a generative approach in choosing appropriate colors for impaired users	SpringerPlus, vol. 1-26	2016	1.2
Luigi Troiano, Cosimo Birtolo & Roberto Armenise	Searching optimal menu layouts by linear genetic programming	Journal of Ambient Intelligence and Humanized Computing, vol. 7(2), pp. 239-256	2016	1.4
Zahra Zojaji, Behrouz Tork Ladani & Alireza Khalilian	Automated program repair using genetic programming and model checking	Applied Intelligence, pp. 1-23	2016	1.2
Philip Achimugu & Ali Selamat	A Hybridized Approach for Prioritizing Software Requirements Based on K-Means and Evolutionary Algorithms	Computational Intelligence Applications in Modeling and Control, pp. 73-93	2015	2.2
Mahmoud A. Bokhari, Thorsten Borner & Markus Wagner	An Improved Beam-Search for the Test Case Generation for Formal Verification Systems	Search-Based Software Engineering: 7th International Symposium, SSBSE 2015	2015	1.2
Altino Dantas, Italo Yeltsin, Allysson Alex Araújo & Jerffeson Souza	Interactive Software Release Planning with Preferences Base	Proceedings of the 7th International Symposium on Search-Based Software Engineering (SSBSE '15), pp. 341-346, Bergamo Italy, 5-7 September	2015	1.2, 1.4
Dario Di Nucci, Annibale Panichella, Andy Zaidman & Andrea De Lucia	Hypervolume-Based Search for Test Case Prioritization	Search-Based Software Engineering: 7th International Symposium, SSBSE 2015	2015	1.2
Ahmad Nauman Ghazi, Kai Petersen & Jürgen Börstler	Heterogeneous Systems Testing Techniques: An Exploratory Survey	7th International Conference Software Quality. Software and Systems Quality in Distributed and Mobile Environments	2015	2.4
Ábel Hegedüs, Ákos Horváth & Dániel Varró	A model-driven framework for guided design space exploration	Automated Software Engineering, vol. 22. pp. 399-436	2015	1.2, 1.3

Muhammad Zohaib Iqbal, Shaukat Ali, Tao Yue & Lionel Briand	Applying UML/MARTE on industrial projects: challenges, experiences, and guidelines	Software & Systems Modeling, vol. 14(4), pp. 1367-1385	2015	1.2
Muhammad Zohaib Iqbal, Andrea Arcuri, Lionel Briand	Environment modeling and simulation for automated testing of soft real-time embedded software	Software & Systems Modeling, vol. 14(1), pp. 483-524	2015	1.2, 2.4
Wei Li, Wei-Tek Tsai & Wenjun Wu	Crowdsourcing for Large-Scale Software Development	Crowdsourcing: Cloud-Based Software Development	2015	1.4
Usman Mansoor, Marouane Kessentini, Manuel Wimmer & Kalyanmoy Deb	Multi-view refactoring of class and activity diagrams using a multi-objective evolutionary algorithm	Software Quality Journal, pp. 1-29	2015	1.2
James McDermott & Una-May O'Reilly	Genetic Programming	Springer Handbook of Computational Intelligence	2015	1.2
Jason McZara, Shahryar Sarkani, Thomas Holzer & Timothy Eveleigh	Software requirements prioritization and selection using linguistic tools and constraint solvers---a controlled experiment	Empirical Software Engineering, vol. 1721-1761	2015	2.2
Mohamed Wiem Mkaouer, Marouane Kessentini, Slim Bechikh, Mel Ó Cinnéide & Kalyanmoy Deb	On the use of many quality attributes for software refactoring: a many-objective search-based software engineering approach	Empirical Software Engineering	2015	1.2
Abdul Rauf & Adel Ibrahim AlSalem	Intelligent Web Application Systems Testing through Value Based Test Case Prioritization	Progress in Systems Engineering: Proceedings of the Twenty-Third International Conference on Systems Engineering	2015	1.2, 2.4
Mehmet Sahinoglu, Koray Incki & Mehmet S. Aktas	Mobile Application Verification: A Systematic Mapping Study	15th International Conference Computational Science and Its Applications, ICCSA 2015	2015	2.2
Ana B. Sánchez, Sergio Segura, José Antonio Parejo & Antonio Ruiz-Cortés	Variability testing in the wild: the Drupal case study	Software & Systems Modeling	2015	1.4

Chris Simons, Jeremy Singer & David R. White	Search-Based Refactoring: Metrics Are Not Enough	Search-Based Refactoring: Metrics Are Not Enough	2015	1.3
Ayse Tosun, Ayse Basarand Bener & Shirin Akbarinasaji	A systematic literature review on the applications of Bayesian networks to predict software quality	Software Quality Journal, pp.1-33	2015	1.3
Xiangyu Zhang, Dongmei Zhang, Yves Le Traon, Qing Wang & Lu Zhang	Roundtable: Research Opportunities and Challenges for Emerging Software Systems	Journal of Computer Science and Technology, vol. 30(5), pp. 935-941	2015	1.4
Philop Achimugu, Ali Selamat & Roliana Ibrahim	A Clustering Based Technique for Large Scale Prioritization during Requirements Elicitation	Recent Advances on Soft Computing and Data Mining: Proceedings of The First International Conference on Soft Computing and Data Mining	2014	2.2
Philop Achimugu, Ali Selamat & Roliana Ibrahim	A Preference Weights Model for Prioritizing Software Requirements	6th International Conference Computational Collective Intelligence. Technologies and Applications, ICCCI 2014	2014	2.2
Philop Achimugu, Ali Selamat & Roliana Ibrahim	A Web-Based Multi-Criteria Decision Making Tool for Software Requirements Prioritization	6th International Conference Computational Collective Intelligence. Technologies and Applications, ICCCI 2014	2014	2.2
Philop Achimugu, Ali Selamat & Roliana Ibrahim	An Adaptive Fuzzy Decision Matrix Model for Software Requirements Prioritization	Advanced Approaches to Intelligent Information and Database Systems	2014	2.2
Wasif Afzal, Richard Torkar, Robert Feldt, Tony Gorschek	Prediction of faults-slip-through in large software projects: an empirical evaluation	Software Quality Journal, vol. 22(1), pp. 51-86	2014	1.2, 1.3
Shaukat Ali, Tao Yue & Lionel C. Briand	Does aspect-oriented modeling help improve the readability of UML state machines?	Software & Systems Modelling, vol. 13 (3), pp. 1189-1221	2014	1.2
Boukhdir Amal, Marouane Kessentini, Slim Bechikh, Josselin Dea & Lamjed Ben Said	On the Use of Machine Learning and Search-Based Software Engineering for Ill-Defined Fitness Function: A Case Study on Software Refactoring	6th International Symposium, SSBSE 2014, Fortaleza, Brazil, August 26-29, 2014. Proceedings	2014	1.2

Allysson Alex Araújo & Matheus Henrique Esteves Paixão	Machine Learning for User Modeling in an Interactive Genetic Algorithm for the Next Release Problem	Proceedings of the 6th International Symposium on Search-Based Software Engineering (SSBSE '14), Vol. 8636, pp. 228-233, Fortaleza Brazil, 26-	2014	1.2
Wesley Klewerton Guez Assunção, Thelma Elita Colanzi, Silvia Regina Vergilio & Aurora Trinidad Ramirez Pozo	Evaluating different strategies for integration testing of aspect-oriented programs	Journal of the Brazilian Computer Society, vol. 20(1), pp. 1-17	2014	1.2
Gabriele Bavota, Massimiliano Di Penta & Rocco Oliveto	Search Based Software Maintenance: Methods and Tools	Evolving Software Systems, pp. 103-137	2014	1.2, 2.6
Panagiota Chatzipetrou, Christos Karapiperis, Chrysa Palampouiki & Lefteris Angelis	Statistical Analysis of Requirements Prioritization for Transition to Web Technologies: A Case Study in an Electric Power Organization	6th International Conference Software Quality. Model-Based Approaches for Advanced Software and Systems Engineering, SWQD 2014	2014	2.2
Haitao Dan, Mark Harman, Jens Krinke, Lingbo Li, Alexandru Marginean & Fan Wu	Pidgin Crasher: Searching for Minimised Crashing GUI Event Sequences	Search-Based Software Engineering: 6th International Symposium, SSBSE 2014, Fortaleza, Brazil, August 26-29, 2014. Proceedings	2014	1.4
Filomena Ferrucci, Mark Harman & Federica Sarro	Search-Based Software Project Management	Software Project Management in a Changing World	2014	1.2, 2.9
Gordon Fraser & Andrea Arcuri	Automated Test Generation for Java Generics	6th International Conference Software Quality. Model-Based Approaches for Advanced Software and Systems Engineering: SWQD 2014	2014	1.2, 2.4
Giovani Guizzo, Thelma Elita Colanzi & Silvia Regina Vergilio	A Pattern-Driven Mutation Operator for Search-Based Product Line Architecture Design	Search-Based Software Engineering: 6th International Symposium, SSBSE 2014	2014	1.2
Dervis Karaboga, Beyza Gorkemli, Celal Ozturk & Nurhan Karaboga	A comprehensive survey: artificial bee colony (ABC) algorithm and applications	Artificial Intelligence Review, vol. 42(1), pp. 21-57	2014	1.2
Itzel Morales-Ramirez & Anna Perini	Argumentation-Based Discussion for User Forum: A Research Preview	20th International Working Conference Requirements Engineering: Foundation for Software Quality, REFSQ 2014	2014	2.2

Gerard O'Regan	Software Engineering Tools Software Engineering Tools	Introduction to Software Quality	2014	2.2
Javed Anjum Sheikh, Hafsa Shareef Dar & Farzan Javed Sheikh	Usability Guidelines for Designing Knowledge Base in Rural Areas	Third International Conference Design, User Experience, and Usability. User Experience Design for Everyday Life Applications and Services, DUXU	2014	2.2
Christopher L. Simons, Jim Smith & Paul White	Interactive Ant Colony Optimization (iACO) for Early Lifecycle Software Design	Swarm Intelligence, vol. 8(2), pp. 139-157, June	2014	1.1, 1.2, 1.4
Zhixiang Tong, Qiankun Zhuang, Qi Guo & Peijun Ma	Research on Technologies of Software Requirements Prioritization	Trustworthy Computing and Services: International Conference	2014	1.2, 2.2
Tao Xie, Lu Zhang, Xusheng Xiao, Ying-Fei Xiong & Dan Hao	Cooperative Software Testing and Analysis: Advances and Challenges	Journal of Computer Science and Technology, vol. 29(4), pp. 713-723	2014	2.4
Peng Zhu & Fei Jia	A Novel Hybrid Web Service Discovery Algorithm	AsiaSim 2014: 14th International Conference on Systems Simulation	2014	1.2
Brendan Cody-Kenny & Stephen Barrett	The Emergence of Useful Bias in Self-focusing Genetic Programming for Software Optimisation	Search Based Software Engineering: 5th International Symposium	2013	1.2
Márcio de Oliveira Barros	An Experimental Study on Incremental Search-Based Software Engineering	5th International Symposium, SSBSE 2013, St. Petersburg, Russia, August 24-26, 2013. Proceedings	2013	1.2, 1.3, 2.4
Márcio de Oliveira Barros & Fábio de Almeida Farza	What Can a Big Program Teach Us about Optimization?	Search Based Software Engineering: 5th International Symposium	2013	1.2
Adnane Ghannem, Ghizlane El Boussaidi & Marouane Kessentini	Model Refactoring using Interactive Genetic Algorithm	Proceedings of the 5th International Symposium on Search Based Software Engineering (SSBSE '13), Vol. 8084, pp. 96-110, St. Petersburg Russia,	2013	1.2, 2.6

Varun Gupta, Durg Singh Chauhan & Kamlesh Dutta	Incremental development & revolutions of E-learning software systems in education sector: a case study approach	Human-centric Computing and Information Sciences, vol. 3(1), pp. 1-14	2013	2.2
Sabrine Kalboussi, Slim Bechikh, Marouane Kessentini & Lamjed Ben Said	Preference-Based Many-Objective Evolutionary Testing Generates Harder Test Cases for Autonomous Agents	5th International Symposium Search Based Software Engineering, SSBSE 2013	2013	1.2, 2.4
Vahid Khatibi Bardsiri, Dayang Norhayati Abang Jawawi, Siti Zaiton Mohd Jawawi & Elham Khatibi	A PSO-based model to increase the accuracy of software development effort estimation	Software Quality Journal, vol. 21(3), pp. 501-526	2013	1.2
Dapeng Liu, Shaochun Xu & Huaifu Liu	Observations on Software Testing and Its Optimization	Computer and Information Science, pp. 33-49	2013	2.4
Emilie Loup-Escande & Oliver Christmann	Designing a Virtual Reality Software: What Is the Real Contribution of End-Users to the Requirements Prioritization?	8th International Conference Evaluation of Novel Approaches to Software Engineering, ENASE 2013	2013	2.2
Walid Maalej & Kumar Anil Thurimella	An Introduction to Requirements Knowledge	Managing Requirements Knowledge	2013	2.2
Nashat Mansour, Hratch Zeitunlian & AbbasTarhini	Optimization Metaheuristic for Software Testing	EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation II	2013	1.4
Nysret Musliu, Wolfgang Slany & Johannes Gärtner	Automated Test Case Generation in End-User Programming	End-User Development: 4th International Symposium, IS-EUD 2013	2013	1.2
Antônio Mauricio Pitangueira, Rita Suzana P. Maciel, Márcio de Oliveira Barros & Aline Santos Andrade	A Systematic Review of Software Requirements Selection and Prioritization Using SBSE Approaches	Search Based Software Engineering: 5th International Symposium, SSBSE 2013	2013	1.2, 2.1, 2.2
Christopher L. Simons & Jim Smith	A Comparison of Meta-heuristic Search for Interactive Software Design	Soft Computing, vol. 17(11), pp. 2147-2162, April	2013	1.2, 1.3, 1.4

Bernhard Turban	General Context and Theories	Tool-Based Requirement Traceability between Requirement and Design Artifacts, pp. 11-157	2013	2.2
Tanja E. J Vos, Paolo Tonella, I. S. Wishnu B. Prasetya, Peter M. Kruse, Onn Shehory, Alessandra Bagnato & Mark Harman	The FITTEST Tool Suite for Testing Future Internet Applications	Future Internet Testing: First International Workshop, FITTEST 2013, Istanbul, Turkey, November 12, 2013, Revised Selected Papers	2013	1.2, 1.4
Mohammad Azzeh	A replicated assessment and comparison of adaptation techniques for analogy-based effort estimation	Empirical Software Engineering, vol. 17(1), pp. 90-127	2012	1.4
Gabriele Bavota, Filomena Carnevale, Andrea De Lucia, Massimiliano Di Penta & Rocco Oliveto	Putting the Developer in-the-Loop: An Interactive GA for Software Re-modularization	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 75-89, Riva del Garda Italy, 28-	2012	1.2
Thelma Elita Colanzi & Silvia Regina Vergilio	Applying Search Based Optimization to Software Product Line Architectures: Lessons Learned	Search Based Software Engineering: 4th International Symposium, SSBSE 2012	2012	1.2
David W. Corne, Kalyanmoy Deb, Joshua Knowles & Xin Yao	Selected Aspects of Natural Computing	Handbook of Natural Computing	2012	1.2
Kalyanmoy Deb	Advances in Evolutionary Multi-objective Optimization	Search Based Software Engineering: 4th International Symposium, SSBSE 2012	2012	1.2
Massimiliano Di Penta	SBSE Meets Software Maintenance: Achievements and Open Problems	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 27-28, Riva del Garda Italy, 28-	2012	1.2
Christoph D. Gladisch	Model generation for quantified formulas with application to test data generation	International Journal on Software Tools for Technology Transfer, vol. 14(4), pp. 439-459	2012	2.4
Mark Harman, Phil McMinn, Jerffeson Teixeira de Souza & Shin Yoo	Search Based Software Engineering: Techniques, Taxonomy, Tutorial	Empirical Software Engineering and Verification: International Summer Schools, LASER 2008-2010, Elba Island, Italy, Revised Tutorial Lectures	2012	1.2, 1.3, 2.2, 2.4

Muhammad Zohaib Iqbal, Shaukat Ali, Tao Yue & Lionel Briand	Experiences of Applying UML/MARTE on Three Industrial Projects	Model Driven Engineering Languages and Systems: 15th International Conference, MODELS 2012	2012	1.2
Björn Johansson	Diffusion of Open Source ERP Systems Development: How Users Are Involved	International Working Conference Governance and Sustainability in Information Systems. Managing the Transfer and Diffusion of IT	2012	2.2
Marouane Kessentini, Houari Sahraoui, Mounir Boukadoum & Omar Ben Omar	Search-based model transformation by example	Software & Systems Modeling, vol. 11(2), pp. 209-226	2012	1.2
Bogdan Marculescu, Robert Feldt & Richard Torkar	A Concept for an Interactive Search-Based Software Testing System	Proceedings of the 4th International Symposium on Search Based Software Engineering (SSBSE '12), Vol. 7515, pp. 273-278, Riva del Garda Italy,	2012	1.2, 1.5, 2.4
Ramsay Taylor, Mathew Hall, Kirill Bogdanov & John Derrick	Using Behaviour Inference to Optimise Regression Test Sets	Testing Software and Systems: 24th IFIP WG 6.1 International Conference, ICTSS 2012	2012	1.2
Christoph D. Gladisch	Test Data Generation for Programs with Quantified First-Order Logic Specifications	International Conference Testing Software and Systems: 22nd IFIP WG 6.1	2011	2.4
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Gerard O'Regan	Software Engineering Tools Software Engineering Tools	Introduction to Software Process Improvement	2011	2.2
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Sven Casteleyn, Florian Daniel, Peter Dolog & Maristella Matera	Requirements Engineering	Engineering Web Applications, pp. 81-114	2009	2.2
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Filomena Ferrucci, Carmine Gravino, Rocco Oliveto & Federica Sarro	Using Tabu Search to Estimate Software Development Effort	Software Process and Product Measurement: International Conferences IWSM 2009 and Mensura 2009	2009	1.2
Anthony Finkelstein, Mark Harman, S. Afshin Mansouri, Jian Ren & Yuanyuan Zhang	A search based approach to fairness analysis in requirement assignments to aid negotiation, mediation and decision making	Requirements Engineering, vol. 14(4), pp. 231-245	2009	1.2, 2.2
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Axel van Lamsweerde	Reasoning About Alternative Requirements Options	Conceptual Modeling: Foundations and Applications: Essays in Honor of John Mylopoulos	2009	2.2
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Massimiliano Di Penta, Pierpaolo Lombardi, Kunal Taneja, Luigi Troiano	Search-based inference of dialect grammars	Soft Computing, vol. 12(1), pp. 51-66	2008	1.2, 2.6
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Jyrki Kontio, Johanna Bragge & Laura Lehtola	The Focus Group Method as an Empirical Tool in Software Engineering	Guide to Advanced Empirical Software Engineering	2008	2.2
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Björn Regnell, Martin Höst & Richard Berntsson Svensson	A Quality Performance Model for Cost-Benefit Analysis of Non-functional Requirements Applied to the Mobile Handset Domain	Requirements Engineering: Foundation for Software Quality: 13th International Working Conference, REFSQ 2007	2008	2.2
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G. Antoniol, M. Di Penta, G. Masone & U. Villano	Compiler Hacking for Source Code Analysis	Software Quality Journal, vol. 12(4), pp. 383-406	2004	1.2
Laura Lehtola, Marjo Kauppinen & Sari Kujala	Requirements Prioritization Challenges in Practice	Product Focused Software Process Improvement: 5th International Conference, PROFES 2004	2004	2.2
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Pär Carlshamre	Release Planning in Market-Driven Software Product Development: Provoking an Understanding	Requirements Engineering, vol. 7(3), pp. 139-151	2002	2.2
Hubert F. Hofmann	Requirements Engineering in the Software Process	Requirements Engineering: A Situated Discovery Process	2000	2.2
Mathias Klusch, Onn M. Shehory & Gerhard Weiss	An Agency-Based Framework for Electronic Business	Cooperative Information Agents III: Third International Workshop	1999	2.2
P. Scott Overmyer	A Methodology for Constructing User-Oriented Requirements Specifications for Large-Scale Systems Using Electronic Hypermedia	Requirements Engineering, vol. 4(1), pp. 1-18	1999	2.2

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AUTHORS	TITLE	PUBLICATION	YEAR	FOUND IN...
Yun Lin, Xin Peng, Yuanfang Cai, Danny Dig, Diwen Zheng, Wenyun Zhao	Interactive and Guided Architectural Refactoring with Search-Based Recommendation	Proceedings of the 24th ACM SIGSOFT International Symposium on Foundations of Software Engineering	2016	CREST Workshop
Mohamed Wiem Mkaouer	Interactive Code Smells Detection: An Initial Investigation	Proceedings of the 8th Symposium on Search Based Software Engineering	2016	Proceedings SSBSE 2016
A.E. El Yamany, M. Shaheen, A. Salam	Smart OptiSelect Preference Based Innovative Framework for User-in-the-loop Feature Selectoin in Software Product Lines	The 7th International Conference on Information Technology (ICIT)	2015	Recent publication of an author
Jim Smith & Christopher L .Simons	A comparison of two memetic algorithms for software class modelling	Proceedings Genetic and Evolutionary Computation Conference, GECCO'13	2013	DBLP (C. Simons)
Francis Palma, Angelo Susi & Paolo Tonella	Using an SMT solver for interactive requirements prioritization	Proceedings of the 19th ACM SIGSOFT symposium and the 13th European conference on Foundations of software engineering (ESEC/FSE),	2011	DBLP (F. Palma)
Stefan Axelsson, Dejan Baca, Robert Feldt, Darius Sidlauskas & Denis Kacan	Detecting Defects with an Interactive Code Review Tool Based on Visualisation and Machine Learning	Proceedings of the 21st International Conference on Software Engineering & Knowledge Engineering (SEKE), pp. 412-417	2009	DBLP (R. Feldt)
J. Quiroz, S. Louis, A. Banerjee, S. Dascalu	Towards creative design using collaborative interactive genetic algorithm	IEEE Congress on Evolutionary Computation	2009	References section of other paper
W.B.Langdon	Evo_Indent Interactive Evolution of GNU Indent Op	In GECCO (Companion) Late Breaking Paper (pp. 2081-2084).	2009	
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A. Oliver, N. Monmarch, G. Venturini	Interactive design of web sites with a genetic algorithm	IADIS International Conference WWW/Internet	2002	References section of other paper
N. Monmarché, G. Nocent, M. Slimane, G. Venturini	On Generating HTML Style Sheets with an Interactive Genetic Algorithm Based on Gene Frequencies	European Conference on Artificial Evolution	1999	DBLP (N. Monmarché)
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S. Andrade & R. Macêdo	Principled Eliciting and Evaluation of Trade-Offs When Designing Self-Adaptive Systems Architectures	Book chapter - Managing Trade-Offs in Adaptable Software Architectures, pp. 181-202	2017
Ali Ouni, Raula Gaikovina Kula, Marouane Kessentini, Takashi Ishio, Daniel M. German & Katsuro Inoue	Search-based software library recommendation using multi-objective optimization	Information and Software Technology, vol. 83, pp. 55-75	2017
Philip Achimugu, Ali Selamat & Roliana Ibrahim	ReproTizer: A Fully Implemented Software Requirements Prioritization Tool	Transactions on Computational Collective Intelligence XXII, pp. 80-105	2016
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