

John C Grundy

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

351
papers

3,627
citations

28
h-index

43
g-index

436
ext. papers

5,011
ext. citations

2.3
avg, IF

6.09
L-index

#	Paper	IF	Citations
351	Data Collection Mechanisms in Health and Wellness Apps: Review and Analysis.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e30468	5.5	0
350	APIMatchmaker: Matching the Right APIs for Supporting the Development of Android Apps. <i>IEEE Transactions on Software Engineering</i> , 2022 , 1-1	3.5	0
349	Modelling human-centric aspects of end-users with iStar. <i>Journal of Computer Languages</i> , 2022 , 68, 101093	3.3	1
348	Emotimonitor: A Trello power-up to capture and monitor emotions of Agile teams. <i>Journal of Systems and Software</i> , 2022 , 186, 111206	3.3	0
347	Modelling Age of End-Users Using Wire-Frames. <i>Communications in Computer and Information Science</i> , 2022 , 44-66	0.3	0
346	Addressing the Influence of End User Human Aspects on Software Engineering. <i>Communications in Computer and Information Science</i> , 2022 , 241-264	0.3	1
345	Why Do Smart Contracts Self-Destruct? Investigating the Selfdestruct Function on Ethereum. <i>ACM Transactions on Software Engineering and Methodology</i> , 2022 , 31, 1-37	3.3	2
344	On the Reproducibility and Replicability of Deep Learning in Software Engineering. <i>ACM Transactions on Software Engineering and Methodology</i> , 2022 , 31, 1-46	3.3	0
343	mHealth intervention for carers of individuals with a history of stroke: Heuristic evaluation and user perspectives.. <i>Digital Health</i> , 2022 , 8, 20552076221089070	4	0
342	Deep Just-In-Time Defect Localization. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	0
341	A Toolkit for Building More Adaptable User Interfaces for Vision-Impaired Users 2021 ,		1
340	Software Engineering in Australasia. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2021 , 46, 16-17	0.4	0
339	Human-Centric Issues in eHealth App Development and Usage: A Preliminary Assessment 2021 ,		2
338	Understanding the Methodological Issues and Solutions in the Research Design of Stroke Caregiving Technology. <i>Frontiers in Public Health</i> , 2021 , 9, 647249	6	7
337	COVID-19 vs Social Media Apps: Does Privacy Really Matter? 2021 ,		4
336	2021 ,		4
335	Practitioners Perceptions of the Goals and Visual Explanations of Defect Prediction Models 2021 ,		8

334	Improving Human-Centric Software Defect Evaluation, Reporting, and Fixing 2021 ,		2
333	A human-centric approach to building a smarter and better parking application 2021 ,		2
332	Automatic Feature Learning for Predicting Vulnerable Software Components. <i>IEEE Transactions on Software Engineering</i> , 2021 , 47, 67-85	3.5	43
331	A systematic review of scheduling approaches on multi-tenancy cloud platforms. <i>Information and Software Technology</i> , 2021 , 132, 106478	3.4	10
330	Online Collaborative Data Caching in Edge Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 281-294	3.7	56
329	Cost-Effective App Data Distribution in Edge Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 31-44	3.7	61
328	An efficient deadline constrained and data locality aware dynamic scheduling framework for multitenancy clouds. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e6037	1.4	1
327	Improving the Modelling of Human-centric Aspects of Software Systems: A Case Study of Modelling End User Age in Wireframe Designs 2021 ,		4
326	Constrained App Data Caching over Edge Server Graphs in Edge Computing Environment. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	10
325	SQAPLanner: Generating Data-Informed Software Quality Improvement Plans. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	3
324	Cost-Effective User Allocation in 5G NOMA-based Mobile Edge Computing Systems. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	9
323	Dynamic User Allocation in Stochastic Mobile Edge Computing Systems. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	5
322	Data, User and Power Allocations for Caching in Multi-Access Edge Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 1-1	3.7	9
321	A Faceted Taxonomy of Requirements Changes in Agile Contexts. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	1
320	The Effects of Human Aspects on the Requirements Engineering Process: A Systematic Literature Review. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	3
319	CORG: A Component-Oriented Synthetic Textual Requirements Generator. <i>Lecture Notes in Computer Science</i> , 2021 , 54-70	0.9	0
318	HumaniSE: Approaches to Achieve More Human-Centric Software Engineering. <i>Communications in Computer and Information Science</i> , 2021 , 444-468	0.3	2
317	OL-MEDC: An Online Approach for Cost-effective Data Caching in Mobile Edge Computing Systems. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	2

316	DiffTech: Differencing Similar Technologies from Crowd-Scale Comparison Discussions. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	
315	BiDaML in Practice: Collaborative Modeling of Big Data Analytics Application Requirements. <i>Communications in Computer and Information Science</i> , 2021 , 106-129	0.3	
314	A comprehensive comparative study of clustering-based unsupervised defect prediction models. <i>Journal of Systems and Software</i> , 2021 , 172, 110862	3.3	9
313	. <i>IEEE Software</i> , 2021 , 38, 115-120	1.5	3
312	Context-aware Retrieval-based Deep Commit Message Generation. <i>ACM Transactions on Software Engineering and Methodology</i> , 2021 , 30, 1-30	3.3	1
311	Maintenance-related concerns for post-deployed Ethereum smart contract development: issues, techniques, and future challenges. <i>Empirical Software Engineering</i> , 2021 , 26, 1	3.3	1
310	Technology-based support for stroke caregiving: A rapid review of evidence. <i>Journal of Nursing Management</i> , 2021 ,	4.9	2
309	Embedding app-library graph for neural third party library recommendation 2021 ,		2
308	Icon2Code: Recommending code implementations for Android GUI components. <i>Information and Software Technology</i> , 2021 , 138, 106619	3.4	0
307	Developing Mobile Applications Via Model Driven Development: A Systematic Literature Review. <i>Information and Software Technology</i> , 2021 , 140, 106693	3.4	4
306	An Empirical Study on How Well Do COVID-19 Information Dashboards Service User Information Needs. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	0
305	Software Engineering for Internet of Things. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	4
304	Technical Q&A Site Answer Recommendation via Question Boosting. <i>ACM Transactions on Software Engineering and Methodology</i> , 2021 , 30, 1-34	3.3	3
303	DEFECTCHECKER: Automated Smart Contract Defect Detection by Analyzing EVM Bytecode. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	14
302	mHealth applications to support caregiver needs and engagement during stroke recovery: A content review. <i>Research in Nursing and Health</i> , 2021 , 44, 213-225	2	7
301	Checking Smart Contracts with Structural Code Embedding. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	18
300	Cost-Effective App User Allocation in an Edge Computing Environment. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 1-1	3.3	22
299	Diversified Third-party Library Prediction for Mobile App Development. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	17

298	QoE-aware user allocation in edge computing systems with dynamic QoS. <i>Future Generation Computer Systems</i> , 2020 , 112, 684-694	7.5	11
297	Graph-based data caching optimization for edge computing. <i>Future Generation Computer Systems</i> , 2020 , 113, 228-239	7.5	5
296	Defining Smart Contract Defects on Ethereum. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	26
295	An end-to-end model-based approach to support big data analytics development. <i>Journal of Computer Languages</i> , 2020 , 58, 100964	1.5	8
294	Cost effective dynamic data placement for efficient access of social networks. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 141, 82-98	4.4	7
293	. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	30
292	2020 ,		6
291	Score-Based Automatic Detection and Resolution of Syntactic Ambiguity in Natural Language Requirements 2020 ,		1
290	Interpreting cloud computer vision pain-points 2020 ,		5
289	A Taxonomy of Supervised Learning for IDSs in SCADA Environments. <i>ACM Computing Surveys</i> , 2020 , 53, 1-37	13.4	15
288	Towards Understanding Technical Responses to Requirements Changes in Agile Teams 2020 ,		2
287	Wireframe-based UI Design Search through Image Autoencoder. <i>ACM Transactions on Software Engineering and Methodology</i> , 2020 , 29, 1-31	3.3	8
286	Generating Question Titles for Stack Overflow from Mined Code Snippets. <i>ACM Transactions on Software Engineering and Methodology</i> , 2020 , 29, 1-37	3.3	5
285	User-centred tooling for modelling of big data applications 2020 ,		1
284	An Empirical Study of Release Note Production and Usage in Practice. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	2
283	Code Action Network for Binary Function Scope Identification. <i>Lecture Notes in Computer Science</i> , 2020 , 712-725	0.9	0
282	Dual-Component Deep Domain Adaptation: A New Approach for Cross Project Software Vulnerability Detection. <i>Lecture Notes in Computer Science</i> , 2020 , 699-711	0.9	1
281	How Usability Defects Defer from Non-Usability Defects? : A Case Study on Open Source Projects. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2020 , 10, 98	1.6	2

280	Beware the evolving intelligent web service! an integration architecture tactic to guard AI-first components 2020 ,		2
279	Threshy: supporting safe usage of intelligent web services 2020 ,		1
278	DiffTech: a tool for differencing similar technologies from question-and-answer discussions 2020 ,		2
277	Budgeted Data Caching based on k-Median in Mobile Edge Computing 2020 ,		7
276	Visual Languages for Supporting Big Data Analytics Development 2020 ,		3
275	Towards Human-centric Model-driven Software Engineering 2020 ,		10
274	Deep Cost-Sensitive Kernel Machine for Binary Software Vulnerability Detection. <i>Lecture Notes in Computer Science</i> , 2020 , 164-177	0.9	2
273	AndroZooOpen 2020 ,		4
272	. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	1
271	Runtime Verification of Business Cloud Workflow Temporal Conformance. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	
270	End-User-Oriented Tool Support for Modeling Data Analytics Requirements 2020 ,		1
269	2020 ,		4
268	A revised open source usability defect classification taxonomy. <i>Information and Software Technology</i> , 2020 , 128, 106396	3.4	2
267	Using Work System Design, User Stories and Emotional Goal Modeling for an mHealth System 2020 ,		2
266	Adapting Teaching of a Software Engineering Service Course Due to COVID-19 2020 ,		6
265	Authoring logically sequenced visual data stories with Gravity. <i>Journal of Computer Languages</i> , 2020 , 58, 100961	1.5	3
264	What should I document? A preliminary systematic mapping study into API documentation knowledge 2019 ,		4
263	Towards Effective AI-Powered Agile Project Management 2019 ,		5

262	Engineering complex data integration, harmonization and visualization systems. <i>Journal of Industrial Information Integration</i> , 2019 , 16, 100103	7	7
261	2019 ,		5
260	A Deadline Constrained Preemptive Scheduler Using Queuing Systems for Multi-Tenancy Clouds 2019 ,		3
259	A Highly Efficient Data Locality Aware Task Scheduler for Cloud-Based Systems 2019 ,		5
258	Lessons Learned from Using a Deep Tree-Based Model for Software Defect Prediction in Practice 2019 ,		30
257	Merging Intelligent API Responses Using a Proportional Representation Approach. <i>Lecture Notes in Computer Science</i> , 2019 , 391-406	0.9	2
256	Survey and Analysis of Current End-user Data Analytics Tool Support. <i>IEEE Transactions on Big Data</i> , 2019 , 1-1	3.2	4
255	A study of the effects of narration on comprehension and memorability of visualisations. <i>Journal of Computer Languages</i> , 2019 , 52, 113-124	1.5	7
254	Supporting multi-view development for mobile applications. <i>Journal of Computer Languages</i> , 2019 , 51, 88-96	1.5	4
253	Automatic, highly accurate app permission recommendation. <i>Automated Software Engineering</i> , 2019 , 26, 241-274	1.5	5
252	Emotion-oriented requirements engineering: A case study in developing a smart home system for the elderly. <i>Journal of Systems and Software</i> , 2019 , 147, 215-229	3.3	33
251	Neural Network-based Detection of Self-Admitted Technical Debt. <i>ACM Transactions on Software Engineering and Methodology</i> , 2019 , 28, 1-45	3.3	36
250	Towards Self-securing Software Systems 2019 , 119-130		1
249	Graph-Based Optimal Data Caching in Edge Computing. <i>Lecture Notes in Computer Science</i> , 2019 , 477-493.	0.9	23
248	Edge User Allocation with Dynamic Quality of Service. <i>Lecture Notes in Computer Science</i> , 2019 , 86-101	0.9	34
247	2019 ,		15
246	A Static Analysis of Android Source Code for Lifecycle Development Usage Patterns. <i>Journal of Computer Science</i> , 2019 , 15, 92-107	0.5	0
245	2019 ,		9

244	SmartEmbed: A Tool for Clone and Bug Detection in Smart Contracts through Structural Code Embedding 2019,		17
243	2019,		8
242	Is deep learning better than traditional approaches in tag recommendation for software information sites?. <i>Information and Software Technology</i> , 2019 , 109, 1-13	3.4	14
241	The influence of textual and verbal word-of-mouth on website usability and visual appeal. <i>Journal of Supercomputing</i> , 2019 , 75, 1783-1830	2.5	6
240	Predicting Delivery Capability in Iterative Software Development. <i>IEEE Transactions on Software Engineering</i> , 2018 , 44, 551-573	3.5	18
239	Metric selection and anomaly detection for cloud operations using log and metric correlation analysis. <i>Journal of Systems and Software</i> , 2018 , 137, 531-549	3.3	28
238	Focusing on learning through constructive alignment with task-oriented portfolio assessment. <i>European Journal of Engineering Education</i> , 2018 , 43, 569-584	1.5	9
237	FastTagRec: fast tag recommendation for software information sites. <i>Automated Software Engineering</i> , 2018 , 25, 675-701	1.5	17
236	The Rise and Evolution of Agile Software Development. <i>IEEE Software</i> , 2018 , 35, 58-63	1.5	70
235	A Domain-Specific Modeling Approach for Testing Environment Emulation. <i>Communications in Computer and Information Science</i> , 2018 , 272-299	0.3	
234	Recruitment, engagement and feedback in empirical software engineering studies in industrial contexts. <i>Information and Software Technology</i> , 2018 , 98, 161-172	3.4	4
233	Preliminary Evaluation of a Guided Usability Defect Report Form 2018,		3
232	PedaViz 2018,		3
231	Optimal Edge User Allocation in Edge Computing with Variable Sized Vector Bin Packing. <i>Lecture Notes in Computer Science</i> , 2018 , 230-245	0.9	90
230	A Survey of Current End-User Data Analytics Tool Support 2018,		13
229	DCTracVis: a system retrieving and visualizing traceability links between source code and documentation. <i>Automated Software Engineering</i> , 2018 , 25, 703-741	1.5	2
228	MaramaAIC: tool support for consistency management and validation of requirements. <i>Automated Software Engineering</i> , 2017 , 24, 1-45	1.5	11
227	User Perceptions of Using an Open Learner Model Visualisation Tool for Facilitating Self-regulated Learning 2017,		7

226	Systematic literature reviews in agile software development: A tertiary study. <i>Information and Software Technology</i> , 2017 , 85, 60-70	3.4	77
225	Parametric statecharts: designing flexible IoT apps 2017 ,		3
224	Predicting indoor spatial movement using data mining and movement patterns 2017 ,		4
223	Reporting Usability Defects: A Systematic Literature Review. <i>IEEE Transactions on Software Engineering</i> , 2017 , 43, 848-867	3.5	16
222	Cost-Effective Social Network Data Placement and Replication Using Graph-Partitioning 2017 ,		4
221	PathRec 2017 ,		4
220	Managing Trade-Offs in Adaptable Software Architectures 2017 , 1-13		1
219	Keyword Search for Building Service-Based Systems. <i>IEEE Transactions on Software Engineering</i> , 2017 , 43, 658-674	3.5	36
218	Visualising melbourne pedestrian count 2017 ,		2
217	Technical debt interest assessment 2017 ,		2
216	Adaptive Security for Software Systems 2017 , 99-127		1
215	Efficient Keyword Search for Building Service-Based Systems Based on Dynamic Programming. <i>Lecture Notes in Computer Science</i> , 2017 , 462-470	0.9	7
214	Ontology-based automated support for goal-use case model analysis. <i>Software Quality Journal</i> , 2016 , 24, 635-673	1.2	6
213	DeepSoft: a vision for a deep model of software 2016 ,		6
212	An automated collaborative requirements engineering tool for better validation of requirements 2016 ,		9
211	A domain-specific visual modeling language for testing environment emulation 2016 ,		5
210	Quality concerns in large-scale and complex software-intensive systems 2016 , 1-17		2
209	TestMReq 2016 ,		3

208	TeeVML: tool support for semi-automatic integration testing environment emulation 2016,		1
207	Does textual word-of-mouth affect look and feel? 2016,		1
206	Opaque service virtualisation 2016,		4
205	The effect of software engineers' personality traits on team climate and performance: A Systematic Literature Review. <i>Information and Software Technology</i> , 2016 , 73, 52-65	3-4	33
204	Automated Support to Capture and Validate Security Requirements for Mobile Apps. <i>Communications in Computer and Information Science</i> , 2016 , 97-112	0.3	1
203	An empirical study of user perceived usefulness and preference of open learner model visualisations 2016,		5
202	Continuous validation for data analytics systems 2016,		4
201	Characterising indoor positioning estimation using experimental data from an active RFID-based real-time location system. <i>Journal of Location Based Services</i> , 2016 , 10, 262-284	1.9	
200	Enhanced playback of automated service emulation models using entropy analysis 2016,		2
199	What Influences Usability Defect Reporting? A Survey of Software Development Practitioners 2016,		3
198	Reporting usability defects 2016,		10
197	Improving Cloud-Based Online Social Network Data Placement and Replication 2016,		12
196	A systematic mapping study of mobile application testing techniques. <i>Journal of Systems and Software</i> , 2016 , 117, 334-356	3.3	71
195	Heuristics-based indoor positioning systems: a systematic literature review. <i>Journal of Location Based Services</i> , 2016 , 10, 178-211	1.9	9
194	Usage-based chunking of Software Architecture information to assist information finding. <i>Journal of Systems and Software</i> , 2016 , 122, 215-238	3.3	1
193	Specifying model transformations by direct manipulation using concrete visual notations and interactive recommendations. <i>Journal of Visual Languages and Computing</i> , 2015 , 28, 195-211		8
192	An Empirical Investigation of Personality Traits of Software Testers 2015,		13
191	Supporting Scientists in Re-engineering Sequential Programs to Parallel Using Model-Driven Engineering 2015,		1

190	Subsuming Methods 2015 ,			10
189	Bootstrapping Mobile App Development 2015 ,			10
188	A framework for convergence of cloud services and Internet of things 2015 ,			6
187	Rule-based extraction of goal-use case models from text 2015 ,			9
186	Reporting Usability Defects 2015 ,			8
185	Generating Reusable Visual Notations Using Model Transformation. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2015 , 25, 277-305	1		1
184	StressCloud: A Tool for Analysing Performance and Energy Consumption of Cloud Applications 2015 ,			3
183	A Preliminary Study of Open Learner Model Representation Formats to Support Formative Assessment 2015 ,			7
182	Integrating goal-oriented and use case-based requirements engineering: The missing link 2015 ,			3
181	A multi-view framework for generating mobile apps 2015 ,			5
180	Experience report: Anomaly detection of cloud application operations using log and cloud metric correlation analysis 2015 ,			27
179	Improving Tenants' Trust in SaaS Applications Using Dynamic Security Monitors 2015 ,			3
178	Performance Analysis Using Subsuming Methods: An Industrial Case Study 2015 ,			3
177	Performance Analysis for Object-Oriented Software: A Systematic Mapping. <i>IEEE Transactions on Software Engineering</i> , 2015 , 1-1	3.5		6
176	A suite of visual languages for model-driven development of statistical surveys and services. <i>Journal of Visual Languages and Computing</i> , 2015 , 26, 99-125			8
175	Interaction Traces Mining for Efficient System Responses Generation. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2015 , 40, 1-8	0.4		8
174	Mobile Application Testing in Industrial Contexts: An Exploratory Multiple Case-Study. <i>Communications in Computer and Information Science</i> , 2015 , 30-41	0.3		0
173	Adaptable, model-driven security engineering for SaaS cloud-based applications. <i>Automated Software Engineering</i> , 2014 , 21, 187-224	1.5		31

172	Foreword by John Grundy: Architecture vs Agile: competition or cooperation? 2014 , xxi-xxvii		1
171	A Preliminary Survey of Factors Affecting Software Testers 2014 ,		11
170	An empirical study to review and revise job responsibilities of software testers 2014 ,		3
169	GUITAR: An ontology-based automated requirements analysis tool 2014 ,		8
168	Investigating the effects of personality traits on pair programming in a higher education setting through a family of experiments. <i>Empirical Software Engineering</i> , 2014 , 19, 714-752	3-3	36
167	A visual language and environment for enterprise system modelling and automation. <i>Journal of Visual Languages and Computing</i> , 2014 , 25, 253-277		9
166	Performance appraisal of software testers. <i>Information and Software Technology</i> , 2014 , 56, 495-505	3-4	5
165	Determining the Cause of Design Model Inconsistencies. <i>Computer</i> , 2014 , 47, 6-6		1.6
164	Automated analysis of performance and energy consumption for cloud applications 2014 ,		14
163	Generating Reusable Visual Notations using Model Transformation 2014 ,		1
162	HorusCML: Context-aware domain-specific visual languages designer 2014 ,		1
161	SecDSVL: A Domain-Specific Visual Language to Support Enterprise Security Modelling 2014 ,		11
160	Adaptive Security Management in SaaS Applications 2014 , 73-102		5
159	KBRE: a framework for knowledge-based requirements engineering. <i>Software Quality Journal</i> , 2014 , 22, 87-119	1.2	24
158	Dimensions and Metrics for Evaluating Recommendation Systems 2014 , 245-273		26
157	Capturing Security Requirements Using Essential Use Cases (EUCs). <i>Communications in Computer and Information Science</i> , 2014 , 16-30	0-3	4
156	A Pair-Oriented Requirements Engineering Approach for Analysing Multi-lingual Requirements. <i>Communications in Computer and Information Science</i> , 2014 , 150-164	0-3	1
155	Guest editors introduction: special issue on innovative automated software engineering toolsPart #2. <i>Automated Software Engineering</i> , 2013 , 20, 297-298		1.5

154	A Taxonomy and Mapping of Computer-Based Critiquing Tools. <i>IEEE Transactions on Software Engineering</i> , 2013 , 39, 1494-1520	3.5	7
153	A Survey of Australian Human Services Agency Software Usage. <i>Journal of Technology in Human Services</i> , 2013 , 31, 84-94	1.8	5
152	Development of Robust Traceability Benchmarks 2013 ,		3
151	Experimental analysis of task-based energy consumption in cloud computing systems 2013 ,		23
150	A suite of domain-specific visual languages for scientific software application modelling 2013 ,		8
149	An empirical study of the effects of personality on software testing 2013 ,		12
148	Guest editors introduction: special issue on innovative automated software engineering tools. <i>Automated Software Engineering</i> , 2013 , 20, 137-139	1.5	0
147	A Preliminary User Evaluation of an Infrastructure to Support Activity-Based Computing in Global Software Development (ABC4GSD) 2013 ,		3
146	Using concrete visual notations as first class citizens for model transformation specification 2013 ,		1
145	Automated software architecture security risk analysis using formalized signatures 2013 ,		17
144	Generating service models by trace subsequence substitution 2013 ,		7
143	Generating Domain-Specific Visual Language Tools from Abstract Visual Specifications. <i>IEEE Transactions on Software Engineering</i> , 2013 , 39, 487-515	3.5	19
142	2013 ,		1
141	Tool support for automatic model transformation specification using concrete visualisations 2013 ,		1
140	Guest Editors' Introduction: Software Engineering for the Cloud. <i>IEEE Software</i> , 2012 , 29, 26-29	1.5	17
139	An energy consumption model and analysis tool for Cloud computing environments 2012 ,		23
138	CONVERT: A framework for complex model visualisation and transformation 2012 ,		5
137	Performance assessment metrics for software testers 2012 ,		5

136	Supporting requirements modelling in the Malay language using essential use cases 2012,	2
135	QoS-Driven Service Selection for Multi-tenant SaaS 2012,	40
134	TOSSMA: A Tenant-Oriented SaaS Security Management Architecture 2012,	18
133	Identifying OS Kernel Objects for Run-Time Security Analysis. <i>Lecture Notes in Computer Science, 2012, 72-85</i>	0.9
132	A Study of Architectural Information Foraging in Software Architecture Documents 2012,	3
131	2012,	4
130	SMURF: Supporting Multi-tenancy Using Re-aspects Framework 2012,	2
129	MaramaAI: tool support for capturing and managing consistency of multi-lingual requirements 2012,	4
128	Supporting automated vulnerability analysis using formalized vulnerability signatures 2012,	17
127	Supporting operating system kernel data disambiguation using points-to analysis 2012,	2
126	REInDetector: a framework for knowledge-based requirements engineering 2012,	7
125	Supporting automated software re-engineering using re-aspects 2012,	4
124	Visualizing traceability links between source code and documentation 2012,	8
123	Operating System Kernel Data Disambiguation to Support Security Analysis. <i>Lecture Notes in Computer Science, 2012, 263-276</i>	0.9 1
122	VAM-aaS: Online Cloud Services Security Vulnerability Analysis and Mitigation-as-a-Service. <i>Lecture Notes in Computer Science, 2012, 411-425</i>	0.9 5
121	MDSE@R: Model-Driven Security Engineering at Runtime. <i>Lecture Notes in Computer Science, 2012, 279-295</i>	11
120	P2P-NetPay 2012, 159-182	
119	Collaboration-Based Cloud Computing Security Management Framework 2011,	68

118	Empirical Studies of Pair Programming for CS/SE Teaching in Higher Education: A Systematic Literature Review. <i>IEEE Transactions on Software Engineering</i> , 2011 , 37, 509-525	3.5	177
117	Using data mining for digital ink recognition: Dividing text and shapes in sketched diagrams. <i>Computers and Graphics</i> , 2011 , 35, 976-991	1.8	12
116	CloudSec: A security monitoring appliance for Virtual Machines in the IaaS cloud model 2011 ,		43
115	The effects of openness to experience on pair programming in a higher education context 2011 ,		10
114	Generating essential user interface prototypes to validate requirements 2011 ,		15
113	Capturing Architecture Documentation Navigation Trails for Content Chunking and Sharing 2011 ,		4
112	A Preliminary Study on Factors Affecting Software Testing Team Performance 2011 ,		9
111	Improving automated documentation to code traceability by combining retrieval techniques 2011 ,		16
110	KaitoroCap: A Document Navigation Capture and Visualisation Tool 2011 ,		2
109	Improving requirements quality using essential use case interaction patterns 2011 ,		33
108	Workshop on flexible modeling tools 2011 ,		4
107	A combination approach for enhancing automated traceability (NIER track) 2011 ,		12
106	Emerging Issues in Relating Software Requirements and Architecture 2011 , 303-306		
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18	An e-whiteboard application to support early design-stage sketching of UML diagrams		18
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16	Approaches to supporting software visual notation exchange		2
15	Supporting dynamic software tool integration via Web service-based components		1
14	Generation of distributed system test-beds from high-level software architecture descriptions		9
13	Generating EDI message translations from visual specifications		6
12	Automatic validation of deployed J2EE components using aspects		4
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9	Software architecture modelling, analysis and implementation with SoftArch	3
8	Developing software components with the UML, Enterprise Java Beans and aspects	8
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