John C Grundy

List of Publications by Citations

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	Empirical Studies of Pair Programming for CS/SE Teaching in Higher Education: A Systematic Literature Review. *IEEE Transactions on Software Engineering*, **2011**, 37, 509-525	3.5	177
350	Optimal Edge User Allocation in Edge Computing with Variable Sized Vector Bin Packing. *Lecture Notes in Computer Science*, **2018**, 230-245	0.9	90
349	Systematic literature reviews in agile software development: A tertiary study. *Information and Software Technology*, **2017**, 85, 60-70	3.4	77
348	Inconsistency management for multiple-view software development environments. *IEEE Transactions on Software Engineering*, **1998**, 24, 960-981	3.5	76
347	A systematic mapping study of mobile application testing techniques. *Journal of Systems and Software*, **2016**, 117, 334-356	3.3	71
346	The Rise and Evolution of Agile Software Development. *IEEE Software*, **2018**, 35, 58-63	1.5	70
345	Collaboration-Based Cloud Computing Security Management Framework **2011**,		68
344	A generic approach to supporting diagram differencing and merging for collaborative design **2005**,		66
343	Cost-Effective App Data Distribution in Edge Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 32, 31-44	3.7	61
342	An empirical study of the effects of personality in pair programming using the five-factor model **2009**,		58
341	Online Collaborative Data Caching in Edge Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 32, 281-294	3.7	56
340	CloudSec: A security monitoring appliance for Virtual Machines in the IaaS cloud model **2011**,		43
339	Automatic Feature Learning for Predicting Vulnerable Software Components. *IEEE Transactions on Software Engineering*, **2021**, 47, 67-85	3.5	43
338	QoS-Driven Service Selection for Multi-tenant SaaS **2012**,		40
337	Neural Network-based Detection of Self-Admitted Technical Debt. *ACM Transactions on Software Engineering and Methodology*, **2019**, 28, 1-45	3.3	36
336	Investigating the effects of personality traits on pair programming in a higher education setting through a family of experiments. *Empirical Software Engineering*, **2014**, 19, 714-752	3.3	36
335	Keyword Search for Building Service-Based Systems. *IEEE Transactions on Software Engineering*, **2017**, 43, 658-674	3.5	36

280   A Taxonomy of Supervised Learning for IDSs in SCADA Environments. *ACM Computing Surveys*, **2020**, 53, 1-37   13.4   15

279   **2019**,   15

278   Automated analysis of performance and energy consumption for cloud applications **2014**,   14

277   Model-Driven Development of Mobile Personal Health Care Applications **2008**,   14

276   Domain-specific visual languages for specifying and generating data mapping systems. *Journal of Visual Languages and Computing*, **2004**, 15, 243-263   14

275   Directions in modelling environments. *Automation in Construction*, **1995**, 4, 173-187   9.6   14

274   Is deep learning better than traditional approaches in tag recommendation for software information sites?. *Information and Software Technology*, **2019**, 109, 1-13   3.4   14

273   DEFECTCHECKER: Automated Smart Contract Defect Detection by Analyzing EVM Bytecode. *IEEE Transactions on Software Engineering*, **2021**, 1-1   3.5   14

272   An Empirical Investigation of Personality Traits of Software Testers **2015**,   13

271   A visual language and environment for composing web services **2005**,   13

270   A Survey of Current End-User Data Analytics Tool Support **2018**,   13

269   An empirical study of the effects of personality on software testing **2013**,   12

268   Using data mining for digital ink recognition: Dividing text and shapes in sketched diagrams. *Computers and Graphics*, **2011**, 35, 976-991   1.8   12

267   A combination approach for enhancing automated traceability (NIER track) **2011**,   12

266   Synthesizing client load models for performance engineering via web crawling **2007**,   12

265   Supporting Flexible Consistency Management via Discrete Change Description Propagation. *Software - Practice and Experience*, **1996**, 26, 1053-1083   2.5   12

264   Improving Cloud-Based Online Social Network Data Placement and Replication **2016**,   12

263   MaramaAIC: tool support for consistency management and validation of requirements. *Automated Software Engineering*, **2017**, 24, 1-45   1.5   11

262	QoE-aware user allocation in edge computing systems with dynamic QoS. *Future Generation Computer Systems*, **2020**, 112, 684-694	7.5	11
261	A Preliminary Survey of Factors Affecting Software Testers **2014**,		11
260	SecDSVL: A Domain-Specific Visual Language to Support Enterprise Security Modelling **2014**,		11
259	Managing Consistency between Textual Requirements, Abstract Interactions and Essential Use Cases **2010**,		11
258	Collaborative Software Engineering: Concepts and Techniques **2010**, 1-30		11
257	MDSE@R: Model-Driven Security Engineering at Runtime. *Lecture Notes in Computer Science*, **2012**, 279-295		11
256	Serendipity: Integrated Environment Support for Process Modelling, Enactment and Work Coordination **1998**, 27-60		11
255	Subsuming Methods **2015**,		10
254	Bootstrapping Mobile App Development **2015**,		10
253	The effects of openness to experience on pair programming in a higher education context **2011**,		10
252	Off-Line Micro-Payment Protocol for Multiple Vendors in Mobile Commerce **2006**,		10
251	High-level static and dynamic visualisation of software architectures		10
250	Towards Human-centric Model-driven Software Engineering **2020**,		10
249	Reporting usability defects **2016**,		10
248	A systematic review of scheduling approaches on multi-tenancy cloud platforms. *Information and Software Technology*, **2021**, 132, 106478	3.4	10
247	Constrained App Data Caching over Edge Server Graphs in Edge Computing Environment. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	10
246	Rule-based extraction of goal-use case models from text **2015**,		9
245	Focusing on learning through constructive alignment with task-oriented portfolio assessment. *European Journal of Engineering Education*, **2018**, 43, 569-584	1.5	9

226	Experiences in Developing a Micro-payment System for Peer-to-Peer Networks. *International Journal of Information Technology and Web Engineering*, **2010**, 5, 23-42	1.3	8
225	Visualizing traceability links between source code and documentation **2012**,		8
224	A comparative analysis of design principles for project-based IT courses **1996**,		8
223	SOFTARCH: TOOL SUPPORT FOR INTEGRATED SOFTWARE ARCHITECTURE DEVELOPMENT. *International Journal of Software Engineering and Knowledge Engineering*, **2003**, 13, 125-151	1	8
222	Developing software components with the UML, Enterprise Java Beans and aspects		8
221	Interaction Traces Mining for Efficient System Responses Generation. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2015**, 40, 1-8	0.4	8
220	Wireframe-based UI Design Search through Image Autoencoder. *ACM Transactions on Software Engineering and Methodology*, **2020**, 29, 1-31	3.3	8
219	Practitioners Perceptions of the Goals and Visual Explanations of Defect Prediction Models **2021**,		8
218	**2019**,		8
217	User Perceptions of Using an Open Learner Model Visualisation Tool for Facilitating Self-regulated Learning **2017**,		7
216	Engineering complex data integration, harmonization and visualization systems. *Journal of Industrial Information Integration*, **2019**, 16, 100103	7	7
215	A study of the effects of narration on comprehension and memorability of visualisations. *Journal of Computer Languages*, **2019**, 52, 113-124	1.5	7
214	Cost effective dynamic data placement for efficient access of social networks. *Journal of Parallel and Distributed Computing*, **2020**, 141, 82-98	4.4	7
213	A Taxonomy and Mapping of Computer-Based Critiquing Tools. *IEEE Transactions on Software Engineering*, **2013**, 39, 1494-1520	3.5	7
212	A Preliminary Study of Open Learner Model Representation Formats to Support Formative Assessment **2015**,		7
211	Generating service models by trace subsequence substitution **2013**,		7
210	REInDetector: a framework for knowledge-based requirements engineering **2012**,		7
209	Visual Modelling of Complex Business Processes with Trees, Overlays and Distortion-based Displays **2007**,		7

208	Pounamu: A Meta-Yool for Multi-View Visual Language Environment Construction		7
207	Automated data mapping specification via schema heuristics and user interaction		7
206	Deployed software component testing using dynamic validation agents. *Journal of Systems and Software*, **2005**, 74, 5-14	3.3	7
205			7
204			7
203	Budgeted Data Caching based on k-Median in Mobile Edge Computing **2020**,		7
202	Efficient Keyword Search for Building Service-Based Systems Based on Dynamic Programming. *Lecture Notes in Computer Science*, **2017**, 462-470	0.9	7
201	Understanding the Methodological Issues and Solutions in the Research Design of Stroke Caregiving Technology. *Frontiers in Public Health*, **2021**, 9, 647249	6	7
200	mHealth applications to support caregiver needs and engagement during stroke recovery: A content review. *Research in Nursing and Health*, **2021**, 44, 213-225	2	7
199	Ontology-based automated support for goal☐use case model analysis. *Software Quality Journal*, **2016**, 24, 635-673	1.2	6
198	A framework for convergence of cloud services and Internet of things **2015**,		6
197	DeepSoft: a vision for a deep model of software **2016**,		6
196	Performance Analysis for Object-Oriented Software: A Systematic Mapping. *IEEE Transactions on Software Engineering*, **2015**, 1-1	3.5	6
195	Generating EDI message translations from visual specifications		6
194	Integrating and supporting Entity Relationship and Object Role Models. *Lecture Notes in Computer Science*, **1995**, 318-328	0.9	6
193	**2020**,		6
192	Adapting Teaching of a Software Engineering Service Course Due to COVID-19 **2020**,		6
191	The influence of textual and verbal word-of-mouth on website usability and visual appeal. *Journal of Supercomputing*, **2019**, 75, 1783-1830	2.5	6

190	Off-Line Micro-payment System for Content Sharing in P2P Networks. *Lecture Notes in Computer Science*, **2005**, 297-307	0.9	6
189	Towards Effective AI-Powered Agile Project Management **2019**,		5
188	**2019**,		5
187	A Highly Efficient Data Locality Aware Task Scheduler for Cloud-Based Systems **2019**,		5
186	Automatic, highly accurate app permission recommendation. *Automated Software Engineering*, **2019**, 26, 241-274	1.5	5
185	Graph-based data caching optimization for edge computing. *Future Generation Computer Systems*, **2020**, 113, 228-239	7.5	5
184	A domain-specific visual modeling language for testing environment emulation **2016**,		5
183	Performance appraisal of software testers. *Information and Software Technology*, **2014**, 56, 495-505	3.4	5
182	A Survey of Australian Human Services Agency Software Usage. *Journal of Technology in Human Services*, **2013**, 31, 84-94	1.8	5
181	A multi-view framework for generating mobile apps **2015**,		5
180	Adaptive Security Management in SaaS Applications **2014**, 73-102		5
179	CONVErT: A framework for complex model visualisation and transformation **2012**,		5
178	Performance assessment metrics for software testers **2012**,		5
177	A domain-specific visual language for report writing using Microsoft DSL tools **2009**,		5
176	MaramaEML: An Integrated Multi-View Business Process Modelling Environment with Tree-Overlays, Zoomable Interfaces and Code Generation **2008**,		5
175	Comparing and Contrasting Micro-payment Models for Content Sharing in P2P Networks **2007**,		5
174	A framework for visual notation exchange. *Journal of Visual Languages and Computing*, **2005**, 16, 187-212		5
173	ViTABaL: a visual language supporting design by tool abstraction		5

172	Interpreting cloud computer vision pain-points **2020**,		5
171	Generating Question Titles for Stack Overflow from Mined Code Snippets. *ACM Transactions on Software Engineering and Methodology*, **2020**, 29, 1-37	3.3	5
170	VAM-aaS: Online Cloud Services Security Vulnerability Analysis and Mitigation-as-a-Service. *Lecture Notes in Computer Science*, **2012**, 411-425	0.9	5
169	An empirical study of user perceived usefulness and preference of open learner model visualisations **2016**,		5
168	Dynamic User Allocation in Stochastic Mobile Edge Computing Systems. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	5
167	Predicting indoor spatial movement using data mining and movement patterns **2017**,		4
166	Cost-Effective Social Network Data Placement and Replication Using Graph-Partitioning **2017**,		4
165	PathRec **2017**,		4
164	What should I document? A preliminary systematic mapping study into API documentation knowledge **2019**,		4
163	Survey and Analysis of Current End-user Data Analytics Tool Support. *IEEE Transactions on Big Data*, **2019**, 1-1	3.2	4
162	Supporting multi-view development for mobile applications. *Journal of Computer Languages*, **2019**, 51, 88-96	1.5	4
161	Opaque service virtualisation **2016**,		4
160	**2012**,		4
159	Flexible Modeling Tools (FlexiTools2010) **2010**,		4
158	Capturing Architecture Documentation Navigation Trails for Content Chunking and Sharing **2011**,		4
157	The Visual Wiki: A New Metaphor for Knowledge Access and Management **2009**,		4
156	Workshop on flexible modeling tools **2011**,		4
155	MaramaAI: tool support for capturing and managing consistency of multi-lingual requirements **2012**,		4

154	Supporting automated software re-engineering using re-aspects **2012**,		4
153	A taxonomy of computer-supported critics **2010**,		4
152	Automatic validation of deployed J2EE components using aspects		4
151	A visual language for design pattern modelling and instantiation		4
150	Three Kinds of E-wallets for a NetPay Micro-Payment System. *Lecture Notes in Computer Science*, **2004**, 66-77	0.9	4
149	AndroZooOpen **2020**,		4
148	Capturing Security Requirements Using Essential Use Cases (EUCs). *Communications in Computer and Information Science*, **2014**, 16-30	0.3	4
147	**2020**,		4
146	COVID-19 vs Social Media Apps: Does Privacy Really Matter? **2021**,		4
145	**2021**,		4
144	Continuous validation for data analytics systems **2016**,		4
143	Improving the Modelling of Human-centric Aspects of Software Systems: A Case Study of Modelling End User Age in Wireframe Designs **2021**,		4
142	Recruitment, engagement and feedback in empirical software engineering studies in industrial contexts. *Information and Software Technology*, **2018**, 98, 161-172	3.4	4
141	Developing Mobile Applications Via Model Driven Development: A Systematic Literature Review. *Information and Software Technology*, **2021**, 140, 106693	3.4	4
140	Software Engineering for Internet of Things. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5	4
139	Parametric statecharts: designing flexible IoT apps **2017**,		3
138	A Deadline Constrained Preemptive Scheduler Using Queuing Systems for Multi-Tenancy Clouds **2019**,		3
137	TestMEReq **2016**,		3

118	Authoring logically sequenced visual data stories with Gravity. *Journal of Computer Languages*, **2020**, 58, 100961	1.5	3
117	SQAPlanner: Generating Data-Informed Software Quality Improvement Plans. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5	3
116	The Effects of Human Aspects on the Requirements Engineering Process: A Systematic Literature Review. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5	3
115	Preliminary Evaluation of a Guided Usability Defect Report Form **2018**,		3
114	PedaViz **2018**,		3
113	. *IEEE Software*, **2021**, 38, 115-120	1.5	3
112	Technical Q8A Site Answer Recommendation via Question Boosting. *ACM Transactions on Software Engineering and Methodology*, **2021**, 30, 1-34	3.3	3
111	Merging Intelligent API Responses Using a Proportional Representation Approach. *Lecture Notes in Computer Science*, **2019**, 391-406	0.9	2
110	Quality concerns in large-scale and complex software-intensive systems **2016**, 1-17		2
109	Visualising melbourne pedestrian count **2017**,		2
108	Technical debt interest assessment **2017**,		2
107	Supporting requirements modelling in the Malay language using essential use cases **2012**,		2
106	SMURF: Supporting Multi-tenancy Using Re-aspects Framework **2012**,		2
105	KaitoroCap: A Document Navigation Capture and Visualisation Tool **2011**,		2
104	Supporting operating system kernel data disambiguation using points-to analysis **2012**,		2
103	Towards a unified event-based software architecture **1996**,		2
102	Tool integration, collaboration and user interaction issues in component-based software architectures		2
101	Workshop on directions in software engineering environments (WoDiSEE). *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2004**, 29, 1-3	0.4	2

100	Approaches to supporting software visual notation exchange		2
99	Towards Understanding Technical Responses to Requirements Changes in Agile Teams **2020**,		2
98	An Empirical Study of Release Note Production and Usage in Practice. *IEEE Transactions on Software Engineering*, **2020**, 1-1	3.5	2
97	How Usability Defects Defer from Non-Usability Defects? : A Case Study on Open Source Projects. *International Journal on Advanced Science, Engineering and Information Technology*, **2020**, 10, 98	1.6	2
96	Beware the evolving Intelligent web service! an integration architecture tactic to guard AI-first components **2020**,		2
95	DiffTech: a tool for differencing similar technologies from question-and-answer discussions **2020**,		2
94	Why Do Smart Contracts Self-Destruct? Investigating the Selfdestruct Function on Ethereum. *ACM Transactions on Software Engineering and Methodology*, **2022**, 31, 1-37	3.3	2
93	A Visual Language for Design Pattern Modeling and Instantiation **2007**, 20-43		2
92	Deep Cost-Sensitive Kernel Machine for Binary Software Vulnerability Detection. *Lecture Notes in Computer Science*, **2020**, 164-177	0.9	2
91	Supporting Large-Scale End User Specification of Workflows, Work Coordination and Tool Integration. *Journal of Organizational and End User Computing*, **1998**, 10, 38-48	6.2	2
90	A revised open source usability defect classification taxonomy. *Information and Software Technology*, **2020**, 128, 106396	3.4	2
89	Using Work System Design, User Stories and Emotional Goal Modeling for an mHealth System **2020**,		2
88	Human-Centric Issues in eHealth App Development and Usage: A Preliminary Assessment **2021**,		2
87	Improving Human-Centric Software Defect Evaluation, Reporting, and Fixing **2021**,		2
86	A human-centric approach to building a smarter and better parking application **2021**,		2
85	Enhanced playback of automated service emulation models using entropy analysis **2016**,		2
84	HumaniSE: Approaches to Achieve More Human-Centric Software Engineering. *Communications in Computer and Information Science*, **2021**, 444-468	0.3	2
83	OL-MEDC: An Online Approach for Cost-effective Data Caching in Mobile Edge Computing Systems. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	2

82	DCTracVis: a system retrieving and visualizing traceability links between source code and documentation. *Automated Software Engineering*, **2018**, 25, 703-741	1.5	2
81	Technology-based support for stroke caregiving: A rapid review of evidence. *Journal of Nursing Management*, **2021**,	4.9	2
80	Embedding app-library graph for neural third party library recommendation **2021**,		2
79	Software Tools		2
78	External Requirements of Groupware Development Tools. *IFIP Advances in Information and Communication Technology*, **1999**, 363-376	0.5	2
77	A Survey on Deep Learning for Software Engineering. *ACM Computing Surveys*,	13.4	2
76	Supporting Scientists in Re-engineering Sequential Programs to Parallel Using Model-Driven Engineering **2015**,		1
75	Managing Trade-Offs in Adaptable Software Architectures **2017**, 1-13		1
74	TeeVML: tool support for semi-automatic integration testing environment emulation **2016**,		1
73	Does textual word-of-mouth affect look and feel? **2016**,		1
72	Foreword by John Grundy: Architecture vs Agile: competition or cooperation? **2014**, xxi-xxvii		1
71	Adaptive Security for Software Systems **2017**, 99-127		1
70	Generating Reusable Visual Notations Using Model Transformation. *International Journal of Software Engineering and Knowledge Engineering*, **2015**, 25, 277-305	1	1
69	Generating Reusable Visual Notations using Model Transformation **2014**,		1
68	HorusCML: Context-aware domain-specific visual languages designer **2014**,		1
67	Using concrete visual notations as first class citizens for model transformation specification **2013**,		1
66	**2013**,		1
65	Tool support for automatic model transformation specification using concrete visualisations **2013**,		1

64	Design of a Suite of Visual Languages for Supply Chain Specification **2010**,		1
63	MaramaAI: Automated and Visual Approach for Inconsistency Checking of Requirements **2010**,		1
62	Critic Authoring Templates for Specifying Domain-Specific Visual Language Tool Critics **2009**,		1
61	Experiences in using Java on a software tool integration project		1
60	Experiences developing architectures for realizing thin-client diagram editing tools. *Software - Practice and Experience*, **2007**, 37, 1245-1283	2.5	1
59	Model Driven Design and Implementation of Statistical Surveys **2007**,		1
58	**2005**,		1
57	An environment for automated performance evaluation of J2EE and ASP.NET thin-client architectures **2004**,		1
56	Supporting dynamic software tool integration via Web service-based components		1
55	VISUAL SPECIFICATION AND MONITORING OF SOFTWARE AGENTS IN DECENTRALIZED PROCESS-CENTRED ENVIRONMENTS. *International Journal of Software Engineering and Knowledge Engineering*, **1999**, 09, 425-444	1	1
54	Modelling human-centric aspects of end-users with iStar. *Journal of Computer Languages*, **2022**, 68, 101091	2.3	1
53	Addressing the Influence of End User Human Aspects on Software Engineering. *Communications in Computer and Information Science*, **2022**, 241-264	0.3	1
52	Score-Based Automatic Detection and Resolution of Syntactic Ambiguity in Natural Language Requirements **2020**,		1
51	User-centred tooling for modelling of big data applications **2020**,		1
50	Towards Self-securing Software Systems **2019**, 119-130		1
49	Dual-Component Deep Domain Adaptation: A New Approach for Cross Project Software Vulnerability Detection. *Lecture Notes in Computer Science*, **2020**, 699-711	0.9	1
48	Threshy: supporting safe usage of intelligent web services **2020**,		1
47	Information, Involvement, Self-care and Support - The Needs of Caregivers of People with Stroke: A Grounded Theory Approach		1

18

46	Web-enabling an Integrated Health Informatics System **2001**, 477-485		1
45	An Architecture for Building Multi-device Thin-Client Web User Interfaces. *Notes on Numerical Fluid Mechanics and Multidisciplinary Design*, **2002**, 728-732	0.3	1
44	A Toolkit for Building More Adaptable User Interfaces for Vision-Impaired Users **2021**,		1
43	. *IEEE Transactions on Software Engineering*, **2020**, 1-1	3.5	1
42	Building Digital Ink Recognizers Using Data Mining: Distinguishing between Text and Shapes in Hand Drawn Diagrams. *Lecture Notes in Computer Science*, **2010**, 358-367	0.9	1
41	Operating System Kernel Data Disambiguation to Support Security Analysis. *Lecture Notes in Computer Science*, **2012**, 263-276	0.9	1
40	Automated Support to Capture and Validate Security Requirements for Mobile Apps. *Communications in Computer and Information Science*, **2016**, 97-112	0.3	1
39	Engineering Component-based, User-configurable Collaborative Editing Systems. *IFIP Advances in Information and Communication Technology*, **1999**, 111-128	0.5	1
38	A Pair-Oriented Requirements Engineering Approach for Analysing Multi-lingual Requirements. *Communications in Computer and Information Science*, **2014**, 150-164	0.3	1
37	End-User-Oriented Tool Support for Modeling Data Analytics Requirements **2020**,		1
36	Usage-based chunking of Software Architecture information to assist information finding. *Journal of Systems and Software*, **2016**, 122, 215-238	3.3	1
35	An efficient deadline constrained and data locality aware dynamic scheduling framework for multitenancy clouds. *Concurrency Computation Practice and Experience*, **2021**, 33, e6037	1.4	1
34	A Faceted Taxonomy of Requirements Changes in Agile Contexts. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5	1
33	Context-aware Retrieval-based Deep Commit Message Generation. *ACM Transactions on Software Engineering and Methodology*, **2021**, 30, 1-30	3.3	1
32	Maintenance-related concerns for post-deployed Ethereum smart contract development: issues, techniques, and future challenges. *Empirical Software Engineering*, **2021**, 26, 1	3.3	1
31	Guest editors introduction: special issue on innovative automated software engineering tools. *Automated Software Engineering*, **2013**, 20, 137-139	1.5	0
30	Data Collection Mechanisms in Health and Wellness Apps: Review and Analysis.. *JMIR MHealth and UHealth*, **2022**, 10, e30468	5.5	0
29	APIMatchmaker: Matching the Right APIs for Supporting the Development of Android Apps. *IEEE Transactions on Software Engineering*, **2022**, 1-1	3.5	0

28	Emotimonitor: A Trello power-up to capture and monitor emotions of Agile teams. *Journal of Systems and Software*, **2022**, 186, 111206	3.3	0
27	Code Action Network for Binary Function Scope Identification. *Lecture Notes in Computer Science*, **2020**, 712-725	0.9	0
26	On the Reproducibility and Replicability of Deep Learning in Software Engineering. *ACM Transactions on Software Engineering and Methodology*, **2022**, 31, 1-46	3.3	0
25	Mobile Application Testing in Industrial Contexts: An Exploratory Multiple Case-Study. *Communications in Computer and Information Science*, **2015**, 30-41	0.3	0
24	Deploying Multi-Agents for Intelligent Aspect-Oriented Web Services. *Lecture Notes in Computer Science*, **2009**, 284-296	0.9	0
23	A Static Analysis of Android Source Code for Lifecycle Development Usage Patterns. *Journal of Computer Science*, **2019**, 15, 92-107	0.5	0
22	CORG: A Component-Oriented Synthetic Textual Requirements Generator. *Lecture Notes in Computer Science*, **2021**, 54-70	0.9	0
21	Icon2Code: Recommending code implementations for Android GUI components. *Information and Software Technology*, **2021**, 138, 106619	3.4	0
20	An Empirical Study on How Well Do COVID-19 Information Dashboards Service User Information Needs. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	0
19	Determining the Cause of Design Model Inconsistencies. *Computer*, **2014**, 47, 6-6	1.6	
18	Guest editors introduction: special issue on innovative automated software engineering tools Part #2. *Automated Software Engineering*, **2013**, 20, 297-298	1.5	
17	Identifying OS Kernel Objects for Run-Time Security Analysis. *Lecture Notes in Computer Science*, **2012**, 72-85	0.9	
16	Desert Island. *Automated Software Engineering*, **2003**, 10, 303-304	1.5	
15	AUIT: Adaptable User Interface Technology, with Extended Java Server Pages **2005**, 149-167		
14	Modelling Age of End-Users Using Wire-Frames. *Communications in Computer and Information Science*, **2022**, 44-66	0.3	
13	Deep Just-In-Time Defect Localization. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5	
12	Three Integration Methods for a Component-Based NetPay Vendor System. *Lecture Notes in Computer Science*, **2004**, 782-787	0.9	
11	A Domain-Specific Modeling Approach for Testing Environment Emulation. *Communications in Computer and Information Science*, **2018**, 272-299	0.3	

List of Publications

10	Summary of the INTERACT97 Workshop on the Next Generation of CSCW Systems **1997**, 699-700	
9	NetPay Micro-Payment Protocols for Three Networks. *Advanced Information and Knowledge Processing*, **2010**, 429-449	0.3
8	Emerging Issues in Relating Software Requirements and Architecture **2011**, 303-306	
7	P2P-NetPay **2012**, 159-182	
6	Runtime Verification of Business Cloud Workflow Temporal Conformance. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8
5	Software Engineering in Australasia. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2021**, 46, 16-17	0.4
4	Characterising indoor positioning estimation using experimental data from an active RFID-based real-time location system. *Journal of Location Based Services*, **2016**, 10, 262-284	1.9
3	DiffTech: Differencing Similar Technologies from Crowd-Scale Comparison Discussions. *IEEE Transactions on Software Engineering*, **2021**, 1-1	3.5
2	BiDaML in Practice: Collaborative Modeling of Big Data Analytics Application Requirements. *Communications in Computer and Information Science*, **2021**, 106-129	0.3
1	mHealth intervention for carers of individuals with a history of stroke: Heuristic evaluation and user perspectives.. *Digital Health*, **2022**, 8, 20552076221089070	4