

Paul M Clarke

List of Publications by Citations

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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.

60
papers

820
citations

14
h-index

26
g-index

63
ext. papers

984
ext. citations

1
avg, IF

4.69
L-index

#	Paper	IF	Citations
60	The situational factors that affect the software development process: Towards a comprehensive reference framework. <i>Information and Software Technology</i> , 2012 , 54, 433-447	3.4	209
59	An examination of personality traits and how they impact on software development teams. <i>Information and Software Technology</i> , 2017 , 86, 101-122	3.4	46
58	Exploring the Relationship between Software Process Adaptive Capability and Organisational Performance. <i>IEEE Transactions on Software Engineering</i> , 2015 , 41, 1169-1183	3.5	40
57	The influence of SPI on business success in software SMEs: An empirical study. <i>Journal of Systems and Software</i> , 2012 , 85, 2356-2367	3.3	39
56	A complexity theory viewpoint on the software development process and situational context 2016 ,		37
55	Harmonizing Software Development Processes with Software Development Settings [A Systematic Approach. <i>Communications in Computer and Information Science</i> , 2013 , 167-178	0.3	30
54	Continuous software engineering[A microservices architecture perspective. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1866	1	22
53	Effective Social Productivity Measurements during Software Development [An Empirical Study. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2016 , 26, 457-490	1	20
52	Teaching ISO/IEC 12207 software lifecycle processes: A serious game approach. <i>Computer Standards and Interfaces</i> , 2017 , 54, 129-138	3.5	19
51	An empirical examination of the extent of software process improvement in software SMEs. <i>Journal of Software: Evolution and Process</i> , 2013 , 25, 981-998	1	18
50	Changing Situational Contexts Present a Constant Challenge to Software Developers. <i>Communications in Computer and Information Science</i> , 2015 , 100-111	0.3	18
49	A systematic examination of knowledge loss in open source software projects. <i>International Journal of Information Management</i> , 2019 , 46, 104-123	16.4	17
48	An Investigation of Software Development Process Terminology. <i>Communications in Computer and Information Science</i> , 2016 , 351-361	0.3	15
47	A Gamification Approach to Improve the Software Development Process by Exploring the Personality of Software Practitioners. <i>Communications in Computer and Information Science</i> , 2016 , 71-83	0.3	14
46	In search of the origins and enduring impact of Agile software development 2018 ,		14
45	Exploring the impact of situational context 2016 ,		13
44	Untangling the Complexity of Connected Health Evaluations 2015 ,		13

43	A Systematic Approach to the Comparison of Roles in the Software Development Processes. <i>Communications in Computer and Information Science</i> , 2012 , 198-209	0.3	13
42	A Hierarchy of SPI Activities for Software SMEs: Results from ISO/IEC 12207-Based SPI Assessments. <i>Communications in Computer and Information Science</i> , 2012 , 62-74	0.3	12
41	Refactoring Software Development Process Terminology Through the Use of Ontology. <i>Communications in Computer and Information Science</i> , 2016 , 47-57	0.3	11
40	Software Development Roles. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2015 , 40, 1-5	0.4	11
39	The Impact of Situational Context on the Software Development Process – A Case Study of a Highly Innovative Start-up Organization. <i>Communications in Computer and Information Science</i> , 2017 , 455-466	0.3	11
38	Exploring Software Process Variation Arising from Differences in Situational Context. <i>Communications in Computer and Information Science</i> , 2017 , 29-42	0.3	10
37	Overcoming Public Speaking Anxiety of Software Engineers Using Virtual Reality Exposure Therapy. <i>Communications in Computer and Information Science</i> , 2017 , 191-202	0.3	10
36	Harnessing ISO/IEC 12207 to Examine the Extent of SPI Activity in an Organisation. <i>Communications in Computer and Information Science</i> , 2010 , 25-36	0.3	10
35	The Meaning of Success for Software SMEs: An Holistic Scorecard Based Approach. <i>Communications in Computer and Information Science</i> , 2011 , 72-83	0.3	10
34	Software process reflexivity and business performance: initial results from an empirical study 2015 ,		9
33	Development and benefits of MDevSPICE ² , the medical device software process assessment framework. <i>Journal of Software: Evolution and Process</i> , 2016 , 28, 800-816	1	9
32	An Approach to Evaluating Software Process Adaptation. <i>Communications in Computer and Information Science</i> , 2011 , 28-41	0.3	8
31	Business Success in Software SMEs: Recommendations for Future SPI Studies. <i>Communications in Computer and Information Science</i> , 2012 , 1-12	0.3	8
30	Applying Blockchain to Improve the Integrity of the Software Development Process. <i>Communications in Computer and Information Science</i> , 2019 , 260-271	0.3	7
29	A Systematic Investigation into the Use of Game Elements in the Context of Software Business Landscapes: A Systematic Literature Review. <i>Communications in Computer and Information Science</i> , 2017 , 384-398	0.3	7
28	Exploring Knowledge Loss in Open Source Software (OSS) Projects. <i>Communications in Computer and Information Science</i> , 2017 , 481-495	0.3	7
27	The Impact of Situational Context on Software Process: A Case Study of a Very Small-Sized Company in the Online Advertising Domain. <i>Communications in Computer and Information Science</i> , 2018 , 28-39	0.3	6
26	Piloting MDevSPICE: the medical device software process assessment framework 2015 ,		6

25	Do We Speak the Same Language? Terminology Strategies for (Software) Engineering Environments Based on the Elcat Model - Innovative Terminology e-Learning for the Automotive Industry. <i>Communications in Computer and Information Science</i> , 2017 , 653-666	0.3	6
24	Safety Critical Software Process Assessment: How MDevSPICE ² Addresses the Challenge of Integrating Compliance and Capability. <i>Communications in Computer and Information Science</i> , 2015 , 13-18	0.3	5
23	Technology enabled continuous software development 2016 ,		5
22	Development of MDevSPICE ² The medical device software process assessment framework. <i>Journal of Software: Evolution and Process</i> , 2015 , 27, 565-572	1	5
21	An Exploration of Individual Personality Types in Software Development. <i>Communications in Computer and Information Science</i> , 2014 , 111-122	0.3	5
20	Situational Factors in Safety Critical Software Development. <i>Communications in Computer and Information Science</i> , 2016 , 132-147	0.3	5
19	Software Developer's Journey. <i>Communications in Computer and Information Science</i> , 2016 , 203-211	0.3	4
18	Adopting virtual reality as a medium for software development process education 2018 ,		4
17	Examining Reward Mechanisms for Effective Usage of Application Lifecycle Management Tools. <i>Communications in Computer and Information Science</i> , 2017 , 259-268	0.3	4
16	A Multivocal Literature Review of Function-as-a-Service (FaaS) Infrastructures and Implications for Software Developers. <i>Communications in Computer and Information Science</i> , 2020 , 58-75	0.3	4
15	The Changing Role of the Software Engineer. <i>Communications in Computer and Information Science</i> , 2019 , 682-694	0.3	3
14	Software Testing: A Changing Career. <i>Communications in Computer and Information Science</i> , 2019 , 731-742	0.3	3
13	A Lightweight Assessment Method for Medical Device Software Processes. <i>Communications in Computer and Information Science</i> , 2014 , 144-156	0.3	3
12	CENGO: A Web-Based Serious Game to Increase the Programming Knowledge Levels of Computer Engineering Students. <i>Communications in Computer and Information Science</i> , 2019 , 237-248	0.3	2
11	Examining Unequal Gender Distribution in Software Engineering. <i>Communications in Computer and Information Science</i> , 2019 , 659-671	0.3	2
10	Visualization, Monitoring and Control Techniques for Use in Scrum Software Development: An Analytic Hierarchy Process Approach. <i>Communications in Computer and Information Science</i> , 2020 , 45-57	0.3	2
9	Auction-based serious game for bug tracking. <i>IET Software</i> , 2019 , 13, 386-392	1	2
8	To Work from Home (WFH) or Not to Work from Home? Lessons Learned by Software Engineers During the COVID-19 Pandemic. <i>Communications in Computer and Information Science</i> , 2021 , 14-33	0.3	2

7	Adopting Augmented Reality for the Purpose of Software Development Process Training and Improvement: An Exploration. <i>Communications in Computer and Information Science</i> , 2018 , 195-206	0.3	1
6	Digital Transformation and the Role of Dynamic Tooling in Extracting Microservices from Existing Software Systems. <i>Communications in Computer and Information Science</i> , 2021 , 301-315	0.3	1
5	PlaySAFe: Results from a Virtual Reality Study Using Digital Game-Based Learning for SAFe Agile Software Development. <i>Communications in Computer and Information Science</i> , 2021 , 695-707	0.3	1
4	Agile Software Development [Do We Really Calculate the Costs? A Multivocal Literature Review. <i>Communications in Computer and Information Science</i> , 2020 , 203-219	0.3	0
3	Assessing Application Lifecycle Management (ALM) Potentials from an Industrial Perspective. <i>Communications in Computer and Information Science</i> , 2020 , 326-338	0.3	0
2	A mechanism to explore proactive knowledge retention in open source software communities. <i>Journal of Software: Evolution and Process</i> , 2020 , 32, e2198	1	0
1	An Approach to Investigating Proactive Knowledge Retention in OSS Communities. <i>Communications in Computer and Information Science</i> , 2018 , 108-119	0.3	