

# Paul M Clarke

## List of Publications by Year in Descending Order

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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	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> , <b>2021</b> , 14-33	0.3	2
59	Digital Transformation and the Role of Dynamic Tooling in Extracting Microservices from Existing Software Systems. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 301-315	0.3	1
58	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> , <b>2021</b> , 695-707	0.3	1
57	Agile Software Development [Do We Really Calculate the Costs? A Multivocal Literature Review. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 203-219	0.3	0
56	Assessing Application Lifecycle Management (ALM) Potentials from an Industrial Perspective. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 326-338	0.3	0
55	Visualization, Monitoring and Control Techniques for Use in Scrum Software Development: An Analytic Hierarchy Process Approach. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 45-57	0.3	2
54	A Multivocal Literature Review of Function-as-a-Service (FaaS) Infrastructures and Implications for Software Developers. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 58-75	0.3	4
53	A mechanism to explore proactive knowledge retention in open source software communities. <i>Journal of Software: Evolution and Process</i> , <b>2020</b> , 32, e2198	1	0
52	CENGO: A Web-Based Serious Game to Increase the Programming Knowledge Levels of Computer Engineering Students. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 237-248	0.3	2
51	Applying Blockchain to Improve the Integrity of the Software Development Process. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 260-271	0.3	7
50	Examining Unequal Gender Distribution in Software Engineering. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 659-671	0.3	2
49	The Changing Role of the Software Engineer. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 682-694	0.3	3
48	Software Testing: A Changing Career. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 731-742	0.3	3
47	Auction-based serious game for bug tracking. <i>IET Software</i> , <b>2019</b> , 13, 386-392	1	2
46	A systematic examination of knowledge loss in open source software projects. <i>International Journal of Information Management</i> , <b>2019</b> , 46, 104-123	16.4	17
45	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> , <b>2018</b> , 28-39	0.3	6
44	Adopting Augmented Reality for the Purpose of Software Development Process Training and Improvement: An Exploration. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 195-206	0.3	1

43	Adopting virtual reality as a medium for software development process education <b>2018</b> ,		4
42	In search of the origins and enduring impact of Agile software development <b>2018</b> ,		14
41	An Approach to Investigating Proactive Knowledge Retention in OSS Communities. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 108-119	0.3	
40	An examination of personality traits and how they impact on software development teams. <i>Information and Software Technology</i> , <b>2017</b> , 86, 101-122	3.4	46
39	Continuous software engineering in a microservices architecture perspective. <i>Journal of Software: Evolution and Process</i> , <b>2017</b> , 29, e1866	1	22
38	Teaching ISO/IEC 12207 software lifecycle processes: A serious game approach. <i>Computer Standards and Interfaces</i> , <b>2017</b> , 54, 129-138	3.5	19
37	Exploring Software Process Variation Arising from Differences in Situational Context. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 29-42	0.3	10
36	Overcoming Public Speaking Anxiety of Software Engineers Using Virtual Reality Exposure Therapy. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 191-202	0.3	10
35	Examining Reward Mechanisms for Effective Usage of Application Lifecycle Management Tools. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 259-268	0.3	4
34	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> , <b>2017</b> , 653-666	0.3	6
33	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> , <b>2017</b> , 384-398	0.3	7
32	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> , <b>2017</b> , 455-466	0.3	11
31	Exploring Knowledge Loss in Open Source Software (OSS) Projects. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 481-495	0.3	7
30	Technology enabled continuous software development <b>2016</b> ,		5
29	Software Developer's Journey. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 203-211	0.3	4
28	Refactoring Software Development Process Terminology Through the Use of Ontology. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 47-57	0.3	11
27	A Gamification Approach to Improve the Software Development Process by Exploring the Personality of Software Practitioners. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 71-83	0.3	14
26	An Investigation of Software Development Process Terminology. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 351-361	0.3	15

25	A complexity theory viewpoint on the software development process and situational context <b>2016</b> ,		37
24	Exploring the impact of situational context <b>2016</b> ,		13
23	Situational Factors in Safety Critical Software Development. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 132-147	0.3	5
22	Development and benefits of MDevSPICE <sup>2</sup> , the medical device software process assessment framework. <i>Journal of Software: Evolution and Process</i> , <b>2016</b> , 28, 800-816	1	9
21	Effective Social Productivity Measurements during Software Development – An Empirical Study. <i>International Journal of Software Engineering and Knowledge Engineering</i> , <b>2016</b> , 26, 457-490	1	20
20	Safety Critical Software Process Assessment: How MDevSPICE <sup>2</sup> Addresses the Challenge of Integrating Compliance and Capability. <i>Communications in Computer and Information Science</i> , <b>2015</b> , 13-18	0.3	5
19	Exploring the Relationship between Software Process Adaptive Capability and Organisational Performance. <i>IEEE Transactions on Software Engineering</i> , <b>2015</b> , 41, 1169-1183	3.5	40
18	Software process reflexivity and business performance: initial results from an empirical study <b>2015</b> ,		9
17	Piloting MDevSPICE: the medical device software process assessment framework <b>2015</b> ,		6
16	Development of MDevSPICE <sup>2</sup> – the medical device software process assessment framework. <i>Journal of Software: Evolution and Process</i> , <b>2015</b> , 27, 565-572	1	5
15	Untangling the Complexity of Connected Health Evaluations <b>2015</b> ,		13
14	Software Development Roles. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , <b>2015</b> , 40, 1-5	0.4	11
13	Changing Situational Contexts Present a Constant Challenge to Software Developers. <i>Communications in Computer and Information Science</i> , <b>2015</b> , 100-111	0.3	18
12	An Exploration of Individual Personality Types in Software Development. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 111-122	0.3	5
11	A Lightweight Assessment Method for Medical Device Software Processes. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 144-156	0.3	3
10	An empirical examination of the extent of software process improvement in software SMEs. <i>Journal of Software: Evolution and Process</i> , <b>2013</b> , 25, 981-998	1	18
9	Harmonizing Software Development Processes with Software Development Settings – A Systematic Approach. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 167-178	0.3	30
8	The situational factors that affect the software development process: Towards a comprehensive reference framework. <i>Information and Software Technology</i> , <b>2012</b> , 54, 433-447	3.4	209

7	The influence of SPI on business success in software SMEs: An empirical study. <i>Journal of Systems and Software</i> , <b>2012</b> , 85, 2356-2367	3.3	39
6	A Systematic Approach to the Comparison of Roles in the Software Development Processes. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 198-209	0.3	13
5	A Hierarchy of SPI Activities for Software SMEs: Results from ISO/IEC 12207-Based SPI Assessments. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 62-74	0.3	12
4	Business Success in Software SMEs: Recommendations for Future SPI Studies. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 1-12	0.3	8
3	An Approach to Evaluating Software Process Adaptation. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 28-41	0.3	8
2	The Meaning of Success for Software SMEs: An Holistic Scorecard Based Approach. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 72-83	0.3	10
1	Harnessing ISO/IEC 12207 to Examine the Extent of SPI Activity in an Organisation. <i>Communications in Computer and Information Science</i> , <b>2010</b> , 25-36	0.3	10