

Rory O Connor

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.

84
papers

1,459
citations

20
h-index

36
g-index

90
ext. papers

1,710
ext. citations

1.9
avg, IF

5.3
L-index

#	Paper	IF	Citations
84	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
83	Investigating software process in practice: A grounded theory perspective. <i>Journal of Systems and Software</i> , 2008 , 81, 772-784	3.3	139
82	Using grounded theory to understand software process improvement: A study of Irish software product companies. <i>Information and Software Technology</i> , 2007 , 49, 654-667	3.4	101
81	Acquiring and sharing tacit knowledge in software development teams: An empirical study. <i>Information and Software Technology</i> , 2013 , 55, 1614-1624	3.4	78
80	Development of a team measure for tacit knowledge in software development teams. <i>Journal of Systems and Software</i> , 2009 , 82, 229-240	3.3	67
79	Software Process Improvement in Very Small Organizations. <i>IEEE Software</i> , 2016 , 33, 85-89	1.5	61
78	An investigation into software development process formation in software start-ups. <i>Journal of Enterprise Information Management</i> , 2008 , 21, 633-648	4.4	61
77	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
76	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
75	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
74	A complexity theory viewpoint on the software development process and situational context 2016 ,		37
73	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities. <i>International Journal of Information Technologies and Systems Approach</i> , 2014 , 7, 1-22	0.4	36
72	Understanding the gap between software process practices and actual practice in very small companies. <i>Software Quality Journal</i> , 2016 , 24, 549-570	1.2	34
71	Systems and Software Engineering Standards for Very Small Entities: Accomplishments and Overview. <i>Computer</i> , 2016 , 49, 84-87	1.6	29
70	A multivocal literature review on serious games for software process standards education. <i>Computer Standards and Interfaces</i> , 2018 , 57, 36-48	3.5	24
69	A Compliance Analysis of Agile Methodologies with the ISO/IEC 29110 Project Management Process. <i>Procedia Computer Science</i> , 2015 , 64, 188-195	1.6	23
68	Continuous software engineering: A microservices architecture perspective. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1866	1	22

67	The Evolution of the ISO/IEC 29110 Set of Standards and Guides. <i>International Journal of Information Technologies and Systems Approach</i> , 2017 , 10, 1-21	0.4	22
66	Towards the provision of assistance for very small entities in deploying software lifecycle standards 2010 ,		21
65	Organizational commitment towards software process improvement an irish software vses case study 2010 ,		20
64	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
63	Teaching ISO/IEC 12207 software lifecycle processes: A serious game approach. <i>Computer Standards and Interfaces</i> , 2017 , 54, 129-138	3.5	19
62	An Extensive Review of IT Service Design in Seven International ITSM Processes Frameworks. <i>International Journal of Information Technologies and Systems Approach</i> , 2014 , 7, 83-107	0.4	18
61	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
60	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
59	A 3D virtual environment for training soccer referees. <i>Computer Standards and Interfaces</i> , 2019 , 64, 1-10	3.5	15
58	In search of the origins and enduring impact of Agile software development 2018 ,		14
57	Systems and Software Engineering Standards for Very Small Entities: Implementation and Initial Results 2014 ,		14
56	The influence of managerial experience and style on software development process. <i>International Journal of Technology, Policy and Management</i> , 2008 , 8, 91	0.3	14
55	Exploring the impact of situational context 2016 ,		13
54	Using Grounded Theory Coding Mechanisms to Analyze Case Study and Focus Group Data in the Context of Software Process Research 2012 , 256-270		13
53	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
52	Software Engineering Standards and Guides for Very Small Entities - Implementation in Two Start-ups 2015 ,		11
51	A serious game to support the ISO 21500 standard education in the context of software project management. <i>Computer Standards and Interfaces</i> , 2018 , 60, 80-92	3.5	11
50	Interactive three-dimensional virtual environment to reduce the public speaking anxiety levels of novice software engineers. <i>IET Software</i> , 2019 , 13, 152-158	1	10

49	The strengths and weaknesses of software architecture design in the RUP, MSF, MBASE and RUP-SOA methodologies: A conceptual review. <i>Computer Standards and Interfaces</i> , 2016 , 47, 24-41	3.5	10
48	Understanding the Role of Knowledge Management in Software Development. <i>International Journal of Systems and Service-Oriented Engineering</i> , 2014 , 4, 39-52	0.1	10
47	Software process reflexivity and business performance: initial results from an empirical study 2015 ,		9
46	An Extensive Review of IT Service Design in Seven International ITSM Processes Frameworks. <i>International Journal of Information Technologies and Systems Approach</i> , 2015 , 8, 69-90	0.4	8
45	A software process engineering approach to improving software team productivity using socioeconomic mechanism design. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2011 , 36, 1-5	0.4	7
44	An Objective Compliance Analysis of Project Management Process in Main Agile Methodologies with the ISO/IEC 29110 Entry Profile. <i>International Journal of Information Technologies and Systems Approach</i> , 2017 , 10, 75-106	0.4	6
43	Integration of accessibility design patterns with the software implementation process of ISO/IEC 29110. <i>Journal of Software: Evolution and Process</i> , 2019 , 31, e1987	1	6
42	Technology enabled continuous software development 2016 ,		5
41	Summary of the International Conference on Software and System Processes (ICSSP 2016). <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2016 , 41, 27-30	0.4	5
40	An Overview of Models and Standards of Processes in the SE, SwE, and IS Disciplines 2009 , 364-380		5
39	Implementing Process Improvement in Very Small Enterprises with ISO/IEC 29110: A Multiple Case Study Analysis 2016 ,		5
38	Impacts of electronic process guides by types of user: An experimental study. <i>International Journal of Information Management</i> , 2016 , 36, 73-88	16.4	4
37	Adopting virtual reality as a medium for software development process education 2018 ,		4
36	Exploring the Belief Systems of Software Development Professionals. <i>Cybernetics and Systems</i> , 2015 , 46, 528-542	1.9	4
35	A Cynefin Based Approach to Process Model Tailoring and Goal Alignment 2014 ,		4
34	Deploying a Software Process Lifecycle Standard in Very Small Companies 2015 , 762-772		3
33	Process Models of SDLCs 2009 , 76-89		3
32	The Changing Role of the Software Engineer. <i>Communications in Computer and Information Science</i> , 2019 , 682-694	0.3	3

31	Software Testing: A Changing Career. <i>Communications in Computer and Information Science</i> , 2019 , 731-742	3
30	Exploring the use of the cynefin framework to inform software development approach decisions 2015 ,	2
29	Developing software and systems engineering standards 2015 ,	2
28	Software Development Team Dynamics in SPI: A VSE Context 2012 ,	2
27	Understanding the Role of Knowledge Management in Software Development 485-500	2
26	A Conceptual Descriptive-Comparative Study of Models and Standards of Processes in SE, SwE, and IT Disciplines Using the Theory of Systems 2010 , 156-181	2
25	An Experience of Use a Serious Game for Teaching Software Process Improvement. <i>Communications in Computer and Information Science</i> , 2019 , 249-259	0.3 2
24	Examining Unequal Gender Distribution in Software Engineering. <i>Communications in Computer and Information Science</i> , 2019 , 659-671	0.3 2
23	A standard based adaptive path to teach systems engineering: 15288 and 29110 standards use cases 2017 ,	1
22	DESIGN, BUILD AND EVALUATION OF AN ONTOLOGY-BASED KMS FOR SUPPORTING CMMI-DEV UNDERSTANDING: BENEFITS AND LIMITATIONS. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2013 , 23, 999-1032	1 1
21	Maximizing the value of the software development process by game theoretic analysis 2010 ,	1
20	Summary of the International Conference on Software and System Processes (ICSSP 2018). <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2019 , 43, 48-51	0.4 1
19	An IT Service Engineering and Management Framework (ITS-EMF) 2013 , 76-91	1
18	An Overview of Models and Standards of Processes in the SE, SwE, and IS Disciplines. <i>Advances in IT Standards and Standardization Research Series</i> , 2009 , 236-252	0 1
17	Towards a Wider Application of the Systems Approach in Information Systems and Software Engineering 2010 , 67-85	1
16	Software Development Process Standards for Very Small Companies. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2019 , 681-694	0.3 1
15	Towards an Understanding of Team Dynamics in Very Small Enterprises. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , 2016 , 42-64	0.3 1
14	Understanding personality differences in software organisations using Keirsey temperament sorter. <i>IET Software</i> , 2015 , 9, 129-134	1 0

13	Summary of the International Conference on Software and System Processes (ICSSP 2018). <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2019 , 43, 54-54	0.4	0
12	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
11	ICSSP 2016 Special Issue Introduction. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1869	1	
10	A study of computer programming language adoption for information systems development projects. <i>International Journal of Technology, Policy and Management</i> , 2003 , 3, 343	0.3	
9	Software process improvement education (poster session). <i>SIGCSE Bulletin</i> , 2001 , 33, 180	0	
8	The ISO/IEC 29110 Software Lifecycle Standard for Very Small Companies 2022 , 1884-1901		
7	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities 1300-1322		
6	Software Development Process Standards for Very Small Companies 2018 , 6927-6938		
5	Summary of the International Conference on Software and System Processes (ICSSP 2018). <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2019 , 43, 48-51	0.4	
4	Requirements Engineering 2009 , 90-104		
3	An Objective Compliance Analysis of Project Management Process in Main Agile Methodologies with the ISO/IEC 29110 Entry Profile 2021 , 1227-1261		
2	The Evolution of the ISO/IEC 29110 Set of Standards and Guides 2021 , 1831-1855		
1	The ISO/IEC 29110 Software Lifecycle Standard for Very Small Companies. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2021 , 1498-1515	0.3	