

Rory O Connor

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.

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 ISO/IEC 29110 Software Lifecycle Standard for Very Small Companies 2022 , 1884-1901		
83	An Objective Compliance Analysis of Project Management Process in Main Agile Methodologies with the ISO/IEC 29110 Entry Profile 2021 , 1227-1261		
82	The Evolution of the ISO/IEC 29110 Set of Standards and Guides 2021 , 1831-1855		
81	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	
80	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
79	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
78	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
77	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
76	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
75	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
74	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	
73	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
72	Examining Unequal Gender Distribution in Software Engineering. <i>Communications in Computer and Information Science</i> , 2019 , 659-671	0.3	2
71	The Changing Role of the Software Engineer. <i>Communications in Computer and Information Science</i> , 2019 , 682-694	0.3	3
70	Software Testing: A Changing Career. <i>Communications in Computer and Information Science</i> , 2019 , 731-742	3	3
69	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
68	A 3D virtual environment for training soccer referees. <i>Computer Standards and Interfaces</i> , 2019 , 64, 1-10	3.5	15

67	Adopting virtual reality as a medium for software development process education 2018 ,		4
66	In search of the origins and enduring impact of Agile software development 2018 ,		14
65	Software Development Process Standards for Very Small Companies 2018 , 6927-6938		
64	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
63	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
62	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
61	Continuous software engineering: A microservices architecture perspective. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1866	1	22
60	Teaching ISO/IEC 12207 software lifecycle processes: A serious game approach. <i>Computer Standards and Interfaces</i> , 2017 , 54, 129-138	3.5	19
59	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
58	A standard based adaptive path to teach systems engineering: 15288 and 29110 standards use cases 2017 ,		1
57	ICSSP 2016 Special Issue Introduction. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1869	1	
56	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
55	Technology enabled continuous software development 2016 ,		5
54	A complexity theory viewpoint on the software development process and situational context 2016 ,		37
53	Exploring the impact of situational context 2016 ,		13
52	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
51	Software Process Improvement in Very Small Organizations. <i>IEEE Software</i> , 2016 , 33, 85-89	1.5	61
50	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

49	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
48	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
47	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
46	Implementing Process Improvement in Very Small Enterprises with ISO/IEC 29110: A Multiple Case Study Analysis 2016 ,		5
45	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
44	Systems and Software Engineering Standards for Very Small Entities: Accomplishments and Overview. <i>Computer</i> , 2016 , 49, 84-87	1.6	29
43	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
42	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
41	Understanding personality differences in software organisations using Keirseay temperament sorter. <i>IET Software</i> , 2015 , 9, 129-134	1	0
40	Software process reflexivity and business performance: initial results from an empirical study 2015 ,		9
39	Exploring the use of the cynefin framework to inform software development approach decisions 2015 ,		2
38	Developing software and systems engineering standards 2015 ,		2
37	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
36	Exploring the Belief Systems of Software Development Professionals. <i>Cybernetics and Systems</i> , 2015 , 46, 528-542	1.9	4
35	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
34	Deploying a Software Process Lifecycle Standard in Very Small Companies 2015 , 762-772		3
33	Software Engineering Standards and Guides for Very Small Entities - Implementation in Two Start-ups 2015 ,		11
32	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

31	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
30	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
29	Systems and Software Engineering Standards for Very Small Entities: Implementation and Initial Results 2014 ,		14
28	A Cynefin Based Approach to Process Model Tailoring and Goal Alignment 2014 ,		4
27	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
26	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
25	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
24	An IT Service Engineering and Management Framework (ITS-EMF) 2013 , 76-91		1
23	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
22	Software Development Team Dynamics in SPI: A VSE Context 2012 ,		2
21	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
20	Using Grounded Theory Coding Mechanisms to Analyze Case Study and Focus Group Data in the Context of Software Process Research 2012 , 256-270		13
19	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
18	Maximizing the value of the software development process by game theoretic analysis 2010 ,		1
17	Organizational commitment towards software process improvement an irish software vses case study 2010 ,		20
16	Towards the provision of assistance for very small entities in deploying software lifecycle standards 2010 ,		21
15	Towards a Wider Application of the Systems Approach in Information Systems and Software Engineering 2010 , 67-85		1
14	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

13	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
12	Process Models of SDLCs 2009 , 76-89		3
11	An Overview of Models and Standards of Processes in the SE, SwE, and IS Disciplines 2009 , 364-380		5
10	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
9	Requirements Engineering 2009 , 90-104		
8	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
7	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
6	Investigating software process in practice: A grounded theory perspective. <i>Journal of Systems and Software</i> , 2008 , 81, 772-784	3.3	139
5	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
4	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	
3	Software process improvement education (poster session). <i>SIGCSE Bulletin</i> , 2001 , 33, 180	0	
2	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities 1300-1322		
1	Understanding the Role of Knowledge Management in Software Development 485-500		2