Rory O Connor

List of Publications by Year in Descending Order

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. *Advances in Logistics, Operations, and Management Science Book Series*, **2021**, 1498-1515	0.3	
80	A mechanism to explore proactive knowledge retention in open source software communities. *Journal of Software: Evolution and Process*, **2020**, 32, e2198	1	0
79	Interactive three-dimensional virtual environment to reduce the public speaking anxiety levels of novice software engineers. *IET Software*, **2019**, 13, 152-158	1	10
78	Integration of accessibility design patterns with the software implementation process of ISO/IEC 29110. *Journal of Software: Evolution and Process*, **2019**, 31, e1987	1	6
77	Summary of the International Conference on Software andSystem Processes (ICSSP 2018). *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2019**, 43, 48-51	0.4	1
76	Summary of the International Conference on Software and System Processes (ICSSP 2018). *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2019**, 43, 54-54	0.4	0
75	Software Development Process Standards for Very Small Companies. *Advances in Marketing, Customer Relationship Management, and E-services Book Series*, **2019**, 681-694	0.3	1
74	Summary of the International Conference on Software andSystem Processes (ICSSP 2018). *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2019**, 43, 48-51	0.4	
73	An Experience of Use a Serious Game for Teaching Software Process Improvement. *Communications in Computer and Information Science*, **2019**, 249-259	0.3	2
72	Examining Unequal Gender Distribution in Software Engineering. *Communications in Computer and Information Science*, **2019**, 659-671	0.3	2
71	The Changing Role of the Software Engineer. *Communications in Computer and Information Science*, **2019**, 682-694	0.3	3
70	Software Testing: A Changing Career. *Communications in Computer and Information Science*, **2019**, 731-742	0.3	3
69	A systematic examination of knowledge loss in open source software projects. *International Journal of Information Management*, **2019**, 46, 104-123	16.4	17
68	A 3D virtual environment for training soccer referees. *Computer Standards and Interfaces*, **2019**, 64, 1-10	3.5	15

49	Impacts of electronic process guides by types of user: An experimental study. *International Journal of Information Management*, **2016**, 36, 73-88	16.4	4
48	Summary of the International Conference on Software and System Processes (ICSSP 2016). *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2016**, 41, 27-30	0.4	5
47	Towards an Understanding of Team Dynamics in Very Small Enterprises. *Advances in Human Resources Management and Organizational Development Book Series*, **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. *International Journal of Software Engineering and Knowledge Engineering*, **2016**, 26, 457-490	1	20
44	Systems and Software Engineering Standards for Very Small Entities: Accomplishments and Overview. *Computer*, **2016**, 49, 84-87	1.6	29
43	Exploring the Relationship between Software Process Adaptive Capability and Organisational Performance. *IEEE Transactions on Software Engineering*, **2015**, 41, 1169-1183	3.5	40
42	A Compliance Analysis of Agile Methodologies with the ISO/IEC 29110 Project Management Process. *Procedia Computer Science*, **2015**, 64, 188-195	1.6	23
41	Understanding personality differences in software organisations using Keirsey temperament sorter. *IET Software*, **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. *International Journal of Information Technologies and Systems Approach*, **2015**, 8, 69-90	0.4	8
36	Exploring the Belief Systems of Software Development Professionals. *Cybernetics and Systems*, **2015**, 46, 528-542	1.9	4
35	Software Development Roles. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **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. *International Journal of Information Technologies and Systems Approach*, **2014**, 7, 83-107	0.4	18

#	Reference		
31	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities. *International Journal of Information Technologies and Systems Approach*, **2014**, 7, 1-22	0.4	36
30	Understanding the Role of Knowledge Management in Software Development. *International Journal of Systems and Service-Oriented Engineering*, **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. *Information and Software Technology*, **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. *International Journal of Software Engineering and Knowledge Engineering*, **2013**, 23, 999-1032	1	1
25	An empirical examination of the extent of software process improvement in software SMEs. *Journal of Software: Evolution and Process*, **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. *Information and Software Technology*, **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. *Journal of Systems and Software*, **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. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **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. *Journal of Systems and Software*, **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. *Advances in IT Standards and Standardization Research Series*, **2009**, 236-252	0	1
9	Requirements Engineering **2009**, 90-104		
8	An investigation into software development process formation in software start-ups. *Journal of Enterprise Information Management*, **2008**, 21, 633-648	4.4	61
7	The influence of managerial experience and style on software development process. *International Journal of Technology, Policy and Management*, **2008**, 8, 91	0.3	14
6	Investigating software process in practice: A grounded theory perspective. *Journal of Systems and Software*, **2008**, 81, 772-784	3.3	139
5	Using grounded theory to understand software process improvement: A study of Irish software product companies. *Information and Software Technology*, **2007**, 49, 654-667	3.4	101
4	A study of computer programming language adoption for information systems development projects. *International Journal of Technology, Policy and Management*, **2003**, 3, 343	0.3	
3	Software process improvement education (poster session). *SIGCSE Bulletin*, **2001**, 33, 180	0	
2	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities1300-1322		
1	Understanding the Role of Knowledge Management in Software Development485-500		2