

# Rory O'Connor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2037421/publications.pdf>

Version: 2024-02-01

89  
papers

1,934  
citations

304368

22  
h-index

288905

40  
g-index

90  
all docs

90  
docs citations

90  
times ranked

943  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ISO/IEC 29110 Software Lifecycle Standard for Very Small Companies. , 2022, , 1884-1901.		0
2	An Objective Compliance Analysis of Project Management Process in Main Agile Methodologies with the ISO/IEC 29110 Entry Profile. , 2021, , 1227-1261.		0
3	The Evolution of the ISO/IEC 29110 Set of Standards and Guides. , 2021, , 1831-1855.		0
4	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	0
5	A mechanism to explore proactive knowledge retention in open source software communities. Journal of Software: Evolution and Process, 2020, 32, e2198.	1.2	6
6	Integration of accessibility design patterns with the software implementation process of ISO/IEC 29110. Journal of Software: Evolution and Process, 2019, 31, e1987.	1.2	8
7	Interactive three-dimensional virtual environment to reduce the public speaking anxiety levels of novice software engineers. IET Software, 2019, 13, 152-158.	1.5	19
8	ICSSP 2018 Special issue introduction. Journal of Software: Evolution and Process, 2019, 31, e2174.	1.2	0
9	A systematic examination of knowledge loss in open source software projects. International Journal of Information Management, 2019, 46, 104-123.	10.5	38
10	A 3D virtual environment for training soccer referees. Computer Standards and Interfaces, 2019, 64, 1-10.	3.8	26
11	An Experience of Use a Serious Game for Teaching Software Process Improvement. Communications in Computer and Information Science, 2019, , 249-259.	0.4	5
12	Examining Unequal Gender Distribution in Software Engineering. Communications in Computer and Information Science, 2019, , 659-671.	0.4	8
13	Software Testing: A Changing Career. Communications in Computer and Information Science, 2019, , 731-742.	0.4	4
14	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, 48-51.	0.5	1
15	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.	0.5	1
16	Software Development Process Standards for Very Small Companies. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2019, , 681-694.	0.7	1
17	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, 48-51.	0.5	0
18	Design methods for software architectures in the service-oriented computing and cloud paradigms. Software - Practice and Experience, 2018, 48, 263-267.	2.5	6

#	ARTICLE	IF	CITATIONS
19	A multivocal literature review on serious games for software process standards education. Computer Standards and Interfaces, 2018, 57, 36-48.	3.8	43
20	A serious game to support the ISO 21500 standard education in the context of software project management. Computer Standards and Interfaces, 2018, 60, 80-92.	3.8	14
21	Adopting virtual reality as a medium for software development process education. , 2018, , .		9
22	In search of the origins and enduring impact of Agile software development. , 2018, , .		21
23	Software Development Process Standards for Very Small Companies. , 2018, , 6927-6938.		1
24	An examination of personality traits and how they impact on software development teams. Information and Software Technology, 2017, 86, 101-122.	3.0	72
25	Continuous software engineeringâ€”A microservices architecture perspective. Journal of Software: Evolution and Process, 2017, 29, e1866.	1.2	38
26	Teaching ISO/IEC 12207 software lifecycle processes: A serious game approach. Computer Standards and Interfaces, 2017, 54, 129-138.	3.8	30
27	A standard based adaptive path to teach systems engineering: 15288 and 29110 standards use cases. , 2017, , .		3
28	ICSSP 2016â€”Special Issue Introduction. Journal of Software: Evolution and Process, 2017, 29, e1869.	1.2	0
29	The Evolution of the ISO/IEC 29110 Set of Standards and Guides. International Journal of Information Technologies and Systems Approach, 2017, 10, 1-21.	0.8	30
30	An Objective Compliance Analysis of Project Management Process in Main Agile Methodologies with the ISO/IEC 29110 Entry Profile. International Journal of Information Technologies and Systems Approach, 2017, 10, 75-106.	0.8	6
31	Implementing Process Improvement in Very Small Enterprises with ISO/IEC 29110: A Multiple Case Study Analysis. , 2016, , .		8
32	Effective Social Productivity Measurements during Software Development â€” An Empirical Study. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 457-490.	0.6	24
33	Systems and Software Engineering Standards for Very Small Entities: Accomplishments and Overview. Computer, 2016, 49, 84-87.	1.2	32
34	Technology enabled continuous software development. , 2016, , .		6
35	A complexity theory viewpoint on the software development process and situational context. , 2016, , .		46
36	Exploring the impact of situational context. , 2016, , .		19

#	ARTICLE	IF	CITATIONS
37	Understanding the gap between software process practices and actual practice in very small companies. <i>Software Quality Journal</i> , 2016, 24, 549-570.	1.4	44
38	Software Process Improvement in Very Small Organizations. <i>IEEE Software</i> , 2016, 33, 85-89.	2.1	75
39	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.	3.8	13
40	Impacts of electronic process guides by types of user: An experimental study. <i>International Journal of Information Management</i> , 2016, 36, 73-88.	10.5	6
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.	0.5	5
42	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.	0.2	1
43	Software process reflexivity and business performance: initial results from an empirical study. , 2015, , .		10
44	Exploring the use of the cynefin framework to inform software development approach decisions. , 2015, , .		8
45	Developing software and systems engineering standards. , 2015, , .		2
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.	0.8	12
47	Exploring the Belief Systems of Software Development Professionals. <i>Cybernetics and Systems</i> , 2015, 46, 528-542.	1.6	8
48	Exploring the Relationship between Software Process Adaptive Capability and Organisational Performance. <i>IEEE Transactions on Software Engineering</i> , 2015, 41, 1169-1183.	4.3	48
49	A Compliance Analysis of Agile Methodologies with the ISO/IEC 29110 Project Management Process. <i>Procedia Computer Science</i> , 2015, 64, 188-195.	1.2	27
50	Understanding personality differences in software organisations using Keirseley temperament sorter. <i>IET Software</i> , 2015, 9, 129-134.	1.5	1
51	Software Development Roles. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2015, 40, 1-5.	0.5	17
52	Deploying a Software Process Lifecycle Standard in Very Small Companies. , 2015, , 762-772.		3
53	Software Engineering Standards and Guides for Very Small Entities - Implementation in Two Start-ups. , 2015, , .		13
54	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.	0.8	40

#	ARTICLE	IF	CITATIONS
55	Understanding the Role of Knowledge Management in Software Development. International Journal of Systems and Service-Oriented Engineering, 2014, 4, 39-52.	0.5	11
56	Systems and Software Engineering Standards for Very Small Entities: Implementation and Initial Results. , 2014, , .		16
57	A Cynefin Based Approach to Process Model Tailoring and Goal Alignment. , 2014, , .		7
58	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.	0.8	25
59	Acquiring and sharing tacit knowledge in software development teams: An empirical study. Information and Software Technology, 2013, 55, 1614-1624.	3.0	113
60	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.	0.6	1
61	An empirical examination of the extent of software process improvement in software SMEs. Journal of Software: Evolution and Process, 2013, 25, 981-998.	1.2	26
62	An IT Service Engineering and Management Framework (ITS-EMF). , 2013, , 76-91.		1
63	Software Development Team Dynamics in SPI: A VSE Context. , 2012, , .		5
64	The influence of SPI on business success in software SMEs: An empirical study. Journal of Systems and Software, 2012, 85, 2356-2367.	3.3	44
65	The situational factors that affect the software development process: Towards a comprehensive reference framework. Information and Software Technology, 2012, 54, 433-447.	3.0	259
66	Using Grounded Theory Coding Mechanisms to Analyze Case Study and Focus Group Data in the Context of Software Process Research. , 2012, , 256-270.		14
67	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.	0.5	10
68	Maximizing the value of the software development process by game theoretic analysis. , 2010, , .		1
69	Organizational commitment towards software process improvement an irish software vses case study. , 2010, , .		23
70	Towards the provision of assistance for very small entities in deploying software lifecycle standards. , 2010, , .		24
71	Towards a Wider Application of the Systems Approach in Information Systems and Software Engineering. , 2010, , 67-85.		1
72	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

#	ARTICLE	IF	CITATIONS
73	Development of a team measure for tacit knowledge in software development teams. Journal of Systems and Software, 2009, 82, 229-240.	3.3	84
74	Process Models of SDLCs. , 2009, , 76-89.		5
75	An Overview of Models and Standards of Processes in the SE, SwE, and IS Disciplines. , 2009, , 364-380.		5
76	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.	0.2	1
77	Requirements Engineering. , 2009, , 90-104.		0
78	Investigating software process in practice: A grounded theory perspective. Journal of Systems and Software, 2008, 81, 772-784.	3.3	163
79	An investigation into software development process formation in software start-ups. Journal of Enterprise Information Management, 2008, 21, 633-648.	4.4	77
80	The influence of managerial experience and style on software development process. International Journal of Technology, Policy and Management, 2008, 8, 91.	0.1	15
81	Using grounded theory to understand software process improvement: A study of Irish software product companies. Information and Software Technology, 2007, 49, 654-667.	3.0	134
82	Software selection: towards an understanding of forensic software tool selection in industrial practice. International Journal of Technology, Policy and Management, 2005, 5, 311.	0.1	1
83	A study of computer programming language adoption for information systems development projects. International Journal of Technology, Policy and Management, 2003, 3, 343.	0.1	0
84	Strategies for personal process improvement a comparison. , 2002, , .		2
85	Software process improvement education (poster session). SIGCSE Bulletin, 2001, 33, 180.	0.1	0
86	Software process improvement education (poster session). , 2001, , .		0
87	Prompter — a project planning assistant. , 2000, , .		0
88	Understanding the Role of Knowledge Management in Software Development. , 0, , 485-500.		2
89	An Innovative Approach to the Development of an International Software Process Lifecycle Standard for Very Small Entities. , 0, , 1300-1322.		0