

# Fergal Mccaffery

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10854207/publications.pdf>

Version: 2024-02-01

19  
papers

268  
citations

1163117

8  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creating Software Process Capability/Maturity Models. IEEE Software, 2010, 27, 92-94.	1.8	93
2	A Process Framework for Global Software Engineering Teams. Information and Software Technology, 2012, 54, 1175-1191.	4.4	76
3	Assessing a Hospital's Medical IT Network Risk Management Practice with 80001-1. Biomedical Instrumentation and Technology, 2014, 48, 64-71.	0.4	12
4	Development and benefits of MDevSPICE <sup>®</sup> , the medical device software process assessment framework. Journal of Software: Evolution and Process, 2016, 28, 800-816.	1.6	12
5	Adopting agile practices when developing software for use in the medical domain. Journal of Software: Evolution and Process, 2014, 26, 504-512.	1.6	11
6	To what extent the medical device software regulations can be achieved with agile software development methods? XPâ€”DSDMâ€”Scrum. Journal of Supercomputing, 2019, 75, 5227-5260.	3.6	11
7	Revising IEC 80001-1: Risk management of health information technology systems. Computer Standards and Interfaces, 2018, 60, 67-72.	5.4	10
8	Tailoring software process capability/maturity models for the health domain. Health and Technology, 2013, 3, 11-28.	3.6	9
9	Assessing traceability-practical experiences and lessons learned. Journal of Software: Evolution and Process, 2015, 27, 591-601.	1.6	9
10	Development of a Process Assessment Model for Assessing Medical IT Networks against IEC 80001-1. Communications in Computer and Information Science, 2012, , 148-160.	0.5	6
11	Approach to the development of a Unified Framework for Safety Critical Software Development. Computer Standards and Interfaces, 2017, 54, 152-161.	5.4	5
12	Changes to the International Regulatory Environment. Journal of Medical Devices, Transactions of the ASME, 2012, 6, .	0.7	3
13	The MedITNet assessment framework: development and validation of a framework for improving risk management of medical IT networks. Journal of Software: Evolution and Process, 2016, 28, 817-834.	1.6	3
14	Risk Management: Achieving Higher Maturity & Capability Levels through the LEGO Approach. , 2016, , .		3
15	Building a maturity & capability model repository. , 2011, , .		2
16	Improving Communication in Risk Management of Health Information Technology Systems by means of Medical Text Simplification. , 2019, , .		1
17	Safety Critical Software Development â€” Extending Quality Management System Practices to Achieve Compliance with Regulatory Requirements. Communications in Computer and Information Science, 2016, , 17-30.	0.5	1
18	Towards Design and Development of a Data Security and Privacy Risk Management Framework for WBAN Based Healthcare Applications. Applied System Innovation, 2021, 4, 76.	4.6	1

#	ARTICLE	IF	CITATIONS
19	A Data Security And Privacy Risk Management Framework For WBAN Based Healthcare Applications*. , 2021, , .		0