

# Jeffrey Soar

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

1,900  
citations

361413

20  
h-index

302126

39  
g-index

98  
all docs

98  
docs citations

98  
times ranked

1971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Older people, assistive technologies, and the barriers to adoption: A systematic review. <i>International Journal of Medical Informatics</i> , 2016, 94, 112-116.	3.3	339
2	Determinants of perceived usefulness of e-learning systems. <i>Computers in Human Behavior</i> , 2016, 64, 843-858.	8.5	156
3	Cloud computing-enabled healthcare opportunities, issues, and applications: A systematic review. <i>International Journal of Information Management</i> , 2018, 43, 146-158.	17.5	141
4	IT infrastructure services as a requirement for e-learning system success. <i>Computers and Education</i> , 2013, 69, 431-451.	8.3	96
5	Enhanced deep learning algorithm development to detect pain intensity from facial expression images. <i>Expert Systems With Applications</i> , 2020, 149, 113305.	7.6	83
6	Uptake of telehealth services funded by Medicare in Australia. <i>Australian Health Review</i> , 2014, 38, 528.	1.1	72
7	e-Health readiness assessment factors and measuring tools: A systematic review. <i>International Journal of Medical Informatics</i> , 2017, 107, 56-64.	3.3	71
8	Barriers to use of information and computer technology by Australia's nurses: a national survey. <i>Journal of Clinical Nursing</i> , 2009, 18, 1151-1158.	3.0	68
9	The status of training and education in information and computer technology of Australian nurses: a national survey. <i>Journal of Clinical Nursing</i> , 2008, 17, 2758-2767.	3.0	67
10	Application of Deep Learning Models for Automated Identification of Parkinson's Disease: A Review (2011-2021). <i>Sensors</i> , 2021, 21, 7034.	3.8	42
11	Ensemble neural network approach detecting pain intensity from facial expressions. <i>Artificial Intelligence in Medicine</i> , 2020, 109, 101954.	6.5	32
12	Willingness to adopt e-procurement to reduce corruption. <i>Transforming Government: People, Process and Policy</i> , 2014, 8, 500-520.	2.1	30
13	Health and Aged Care Enabled by Information Technology. <i>Annals of the New York Academy of Sciences</i> , 2007, 1114, 154-161.	3.8	28
14	The modeling of human facial pain intensity based on Temporal Convolutional Networks trained with video frames in HSV color space. <i>Applied Soft Computing Journal</i> , 2020, 97, 106805.	7.2	28
15	Perceived potential for value creation from cloud computing: a study of the Australian regional government sector. <i>Behaviour and Information Technology</i> , 2018, 37, 1157-1176.	4.0	27
16	Attitudes of Australian Nurses to Information Technology in the Workplace. <i>CIN - Computers Informatics Nursing</i> , 2009, 27, 114-121.	0.5	26
17	An investigation of the challenges and issues influencing the adoption of cloud computing in Australian regional municipal governments. <i>Journal of Information Security and Applications</i> , 2016, 27-28, 19-34.	2.5	26
18	Evaluating the Anti-Corruption Capabilities of Public e-Procurement in a Developing Country. <i>Electronic Journal of Information Systems in Developing Countries</i> , 2012, 55, 1-17.	1.4	24

#	ARTICLE	IF	CITATIONS
19	Novel hybrid deep learning model for satellite based PM10 forecasting in the most polluted Australian hotspots. <i>Atmospheric Environment</i> , 2022, 279, 119111.	4.1	24
20	Novel nested patch-based feature extraction model for automated Parkinson's Disease symptom classification using MRI images. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 224, 107030.	4.7	24
21	A comparative analysis of the principal component analysis and entropy weight methods to establish the indexing measurement. <i>PLoS ONE</i> , 2022, 17, e0262261.	2.5	23
22	An Empirical Evaluation Of The Potential Of Public E-Procurement To Reduce Corruption. <i>Australasian Journal of Information Systems</i> , 2014, 18, .	0.3	22
23	Collaborative cloud computing adoption in Australian regional municipal government: An exploratory study. , 2015, , .		22
24	The potential of e-procurement technology for reducing corruption. <i>International Journal of Information Technology and Management</i> , 2012, 11, 273.	0.1	21
25	Multimedia data mining using deep learning. , 2015, , .		20
26	Spatiotemporal Hybrid Random Forest Model for Tea Yield Prediction Using Satellite-Derived Variables. <i>Remote Sensing</i> , 2022, 14, 805.	4.0	18
27	Application of zeolitic imidazolate frameworks (ZIF-8)/ionic liquid composites modified nano-carbon paste electrode as sensor for electroanalytical sensing of 1-hydroxypyrene. <i>Microchemical Journal</i> , 2020, 159, 105433.	4.5	16
28	Nitrogen-doped graphene-ionic liquid-glassy carbon microsphere paste electrode for ultra-sensitive determination of quercetin. <i>Microchemical Journal</i> , 2020, 155, 104689.	4.5	16
29	Impact of Cloud Computing Technology on E-Government. <i>Communications in Computer and Information Science</i> , 2014, , 272-290.	0.5	15
30	Cloud Affected Solar UV Prediction With Three-Phase Wavelet Hybrid Convolutional Long Short-Term Memory Network Multi-Step Forecast System. <i>IEEE Access</i> , 2022, 10, 24704-24720.	4.2	15
31	Hospitals: To the next millennium. <i>International Journal of Health Planning and Management</i> , 1995, 10, 87-98.	1.7	14
32	PLS-SEM path analysis to determine the predictive relevance of e-Health readiness assessment model. <i>Health and Technology</i> , 2020, 10, 1497-1513.	3.6	14
33	Opportunistic and Context-Aware Affect Sensing on Smartphones. <i>IEEE Pervasive Computing</i> , 2016, 15, 60-69.	1.3	13
34	An Exploratory Study of the Readiness of Public Healthcare Facilities in Developing Countries to Adopt Health Information Technology (HIT)/e-Health: the Case of Ghana. <i>Journal of Healthcare Informatics Research</i> , 2020, 4, 189-214.	7.6	13
35	Data mining in IoT. , 2017, , .		12
36	Optimizing Urban Distribution Routes for Perishable Foods Considering Carbon Emission Reduction. <i>Sustainability</i> , 2019, 11, 4387.	3.2	12

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37	Purpose Based Access Control for Privacy Protection in E-Healthcare Services. Journal of Software, 2012, 7, .	0.6	11
38	Factors to be considered in cloud computing adoption. Web Intelligence, 2016, 14, 309-323.	0.2	10
39	An investigation of the main factors to be considered in cloud computing adoption in Australian regional local councils. Journal of Contemporary Issues in Business and Government, 2016, 21, 72.	0.1	10
40	An analysis of the major issues for successful information technology transfer in Arab countries. Journal of Enterprise Information Management, 2009, 22, 504-522.	7.5	9
41	Effective organisational change to achieve successful ITIL implementation. Journal of Enterprise Information Management, 2019, 32, 496-516.	7.5	9
42	Sustainability of Health Information Systems in Developing Countries: The Case of Fiji. Health Information Management Journal, 2012, 41, 13-19.	1.2	8
43	Comparison of subsidy schemes for reducing waiting time: special focus on smart home care for elderly people. Procedia CIRP, 2019, 83, 716-721.	1.9	8
44	Australian online supermarket usability. , 2003, , .		7
45	Deep Learning Model for Detection of Pain Intensity from Facial Expression. Lecture Notes in Computer Science, 2018, , 249-254.	1.3	6
46	A Case Study of an Ambient Living and Wellness Management Health Care Model in Australia. Lecture Notes in Computer Science, 2009, , 48-56.	1.3	6
47	Perceived Benefits Related to Anti-Corruption from e-Tendering System in Nepal. Asian Journal of Information Technology, 2012, 11, 22-29.	0.0	6
48	Physician clinical communication systems--an Australian perspective. Journal of Medical Systems, 1997, 21, 99-106.	3.6	5
49	Challenges for implementing wireless hand-held technology in health care: Views from selected Queensland nurses. Journal of Telemedicine and Telecare, 2005, 11, 37-38.	2.7	5
50	Innovation Centric Knowledge Commons--A Systematic Literature Review and Conceptual Model. Journal of Open Innovation: Technology, Market, and Complexity, 2021, 7, 35.	5.2	5
51	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. Advances in Public Policy and Administration, 2014, , 175-191.	0.1	5
52	Ageing, Chronic Disease, Technology, and Smart Homes. , 2011, , 15-29.		5
53	Technology Innovation Adoption Theories. , 2018, , 821-860.		5
54	A correlational research on developing an innovative integrated gas warning system: a case study in ZhongXing, China. Geomatics, Natural Hazards and Risk, 2021, 12, 3175-3204.	4.3	5

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55	Study of Parameters and Theory of Sucrose Dust Explosion. <i>Energies</i> , 2022, 15, 1439.	3.1	5
56	Identification of key issues for successful technology transfer in the Arab countries: a Delphi study. <i>International Journal of Technology Transfer and Commercialisation</i> , 2009, 8, 22.	0.2	4
57	The potential of information and communication technologies to support ageing and independent living. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2010, 65, 479-483.	2.5	4
58	Integration of VSAT with WiMAX technology for E-health in Chinese rural areas. , 2010, , .		4
59	Challenges and issues that are perceived to influence cloud computing adoption in local government councils. , 2017, , .		4
60	A Model to Measure E-Learning Systems Success. , 2012, , 293-317.		4
61	Older People's Needs and Opportunities for Assistive Technologies. <i>Lecture Notes in Computer Science</i> , 2020, , 404-414.	1.3	4
62	Inhibition of Four Inert Powders on the Minimum Ignition Energy of Sucrose Dust. <i>Processes</i> , 2022, 10, 405.	2.8	4
63	Forecasting solar photosynthetic photon flux density under cloud cover effects: novel predictive model using convolutional neural network integrated with long short-term memory network. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 3183-3220.	4.0	4
64	Key Factors for the Development of a Culturally Appropriate Interactive Multimedia Informative Program for Aboriginal Health Workers. <i>Australian Journal of Indigenous Education</i> , 2012, 41, 162-172.	0.8	3
65	Genome Mining Using Machine Learning Techniques. <i>Lecture Notes in Computer Science</i> , 2015, , 379-384.	1.3	3
66	Reality Mining in eHealth. <i>Lecture Notes in Computer Science</i> , 2015, , 1-6.	1.3	3
67	E-Learning Service Delivery Quality. , 2013, , 89-127.		3
68	Aged Care Informatics. <i>International Journal of Enterprise Information Systems</i> , 2014, 10, 1-20.	1.0	3
69	Anti-Corruption Capabilities of Public E-Procurement Technologies. , 0, , 355-373.		3
70	Telemedicine education. <i>Journal of Telemedicine and Telecare</i> , 2003, 9, 354-355.	2.7	2
71	Building an Information Quality Lab on e-health in the rural areas for healthcare education. , 2010, , .		2
72	Context Aware Computing for Ambient Assisted Living. <i>Lecture Notes in Computer Science</i> , 2016, , 321-331.	1.3	2

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73	Consumer-Centered Health: Challenges and Opportunities for China. <i>Advanced Science Letters</i> , 2012, 7, 257-260.	0.2	2
74	Assimilation of Inter-Organizational Information Systems. , 2012, , 18-32.		2
75	Technology Innovation Adoption Theories. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2016, , 1-38.	0.3	2
76	Application of E-Government Principles in Anti-Corruption Framework. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2017, , 56-74.	0.2	2
77	A strategy for coordination of end-user computing in hospital departments. <i>Journal of Medical Systems</i> , 1989, 13, 375-383.	3.6	1
78	Identification of Major Issues for Successful IT Transfer in the Arab World: The Preliminary Results. , 2006, , .		1
79	Reinventing Health, Ageing and Aged Care through Smart Homes and Intelligent Technologies. , 2009, , .		1
80	A Novel Image Compressive Sensing Method Based on Complex Measurements. , 2011, , .		1
81	The Concord Hospital model ward: a trial and demonstration facility for new products and technologies. <i>Medical Journal of Australia</i> , 1991, 154, 522-522.	1.7	1
82	Anti-Corruption Capabilities of Public E-Procurement Technologies. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2014, , 185-203.	0.2	1
83	Concerns of Ageing and Interest in Assistive Technologies – Convenience Sampling of Attendees at an Aged Care Technology Exhibition in China. <i>IFIP Advances in Information and Communication Technology</i> , 2014, , 412-419.	0.7	1
84	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. , 2015, , 2291-2307.		1
85	The Role of Knowledge Management (KM) in Aged Care Informatics. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2015, , 284-302.	0.2	1
86	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. , 0, , 338-354.		1
87	Innovation as hospital culture: A trial and demonstration facility in an acute-care hospital ward. <i>International Journal of Health Planning and Management</i> , 1991, 6, 243-249.	1.7	0
88	The status of training and education in information and communication technology of Chinese nurses: A hospital survey. , 2010, , .		0
89	Improved media management through cloud computing technology. , 2016, , .		0
90	A cross - layer optimization of video transmission based on packet loss rate in 802.11e wireless networks. , 2017, , .		0

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91	A Technology Acceptance Model for E-health Services for the Elderly Population in China. , 2013, , 1315-1320.		0
92	Lean Thinking in Dementia Care Through Smart Assistive Technology: An Evaluation. , 2014, , 143-167.		0
93	Anti-Corruption Capabilities of Public E-Procurement Technologies. , 2015, , 2113-2131.		0