

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	A comparative analysis of the principal component analysis and entropy weight methods to establish the indexing measurement. PLoS ONE, 2022, 17, e0262261.	2.5	23
2	Spatiotemporal Hybrid Random Forest Model for Tea Yield Prediction Using Satellite-Derived Variables. Remote Sensing, 2022, 14, 805.	4.0	18
3	Cloud Affected Solar UV Prediction With Three-Phase Wavelet Hybrid Convolutional Long Short-Term Memory Network Multi-Step Forecast System. IEEE Access, 2022, 10, 24704-24720.	4.2	15
4	Inhibition of Four Inert Powders on the Minimum Ignition Energy of Sucrose Dust. Processes, 2022, 10, 405.	2.8	4
5	Study of Parameters and Theory of Sucrose Dust Explosion. Energies, 2022, 15, 1439.	3.1	5
6	Forecasting solar photosynthetic photon flux density under cloud cover effects: novel predictive model using convolutional neural network integrated with long short-term memory network. Stochastic Environmental Research and Risk Assessment, 2022, 36, 3183-3220.	4.0	4
7	Novel hybrid deep learning model for satellite based PM10 forecasting in the most polluted Australian hotspots. Atmospheric Environment, 2022, 279, 119111.	4.1	24
8	Novel nested patch-based feature extraction model for automated Parkinson's Disease symptom classification using MRI images. Computer Methods and Programs in Biomedicine, 2022, 224, 107030.	4.7	24
9	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
10	Application of Deep Learning Models for Automated Identification of Parkinson's Disease: A Review (2011–2021). Sensors, 2021, 21, 7034.	3.8	42
11	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
12	Ensemble neural network approach detecting pain intensity from facial expressions. Artificial Intelligence in Medicine, 2020, 109, 101954.	6.5	32
13	Application of zeolitic imidazolate frameworks (ZIF-8)/ionic liquid composites modified nano-carbon paste electrode as sensor for electroanalytical sensing of 1-hydroxypyrene. Microchemical Journal, 2020, 159, 105433.	4.5	16
14	The modeling of human facial pain intensity based on Temporal Convolutional Networks trained with video frames in HSV color space. Applied Soft Computing Journal, 2020, 97, 106805.	7.2	28
15	PLS-SEM path analysis to determine the predictive relevance of e-Health readiness assessment model. Health and Technology, 2020, 10, 1497-1513.	3.6	14
16	Nitrogen-doped graphene-ionic liquid-glassy carbon microsphere paste electrode for ultra-sensitive determination of quercetin. Microchemical Journal, 2020, 155, 104689.	4.5	16
17	Enhanced deep learning algorithm development to detect pain intensity from facial expression images. Expert Systems With Applications, 2020, 149, 113305.	7.6	83
18	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. Journal of Healthcare Informatics Research, 2020, 4, 189-214.	7.6	13

#	ARTICLE	IF	CITATIONS
19	Older People's Needs and Opportunities for Assistive Technologies. Lecture Notes in Computer Science, 2020, , 404-414.	1.3	4
20	Optimizing Urban Distribution Routes for Perishable Foods Considering Carbon Emission Reduction. Sustainability, 2019, 11, 4387.	3.2	12
21	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
22	Effective organisational change to achieve successful ITIL implementation. Journal of Enterprise Information Management, 2019, 32, 496-516.	7.5	9
23	Perceived potential for value creation from cloud computing: a study of the Australian regional government sector. Behaviour and Information Technology, 2018, 37, 1157-1176.	4.0	27
24	Cloud computing-enabled healthcare opportunities, issues, and applications: A systematic review. International Journal of Information Management, 2018, 43, 146-158.	17.5	141
25	Deep Learning Model for Detection of Pain Intensity from Facial Expression. Lecture Notes in Computer Science, 2018, , 249-254.	1.3	6
26	Technology Innovation Adoption Theories. , 2018, , 821-860.		5
27	Challenges and issues that are perceived to influence cloud computing adoption in local government councils. , 2017, , .		4
28	Data mining in IoT. , 2017, , .		12
29	e-Health readiness assessment factors and measuring tools: A systematic review. International Journal of Medical Informatics, 2017, 107, 56-64.	3.3	71
30	A cross - layer optimization of video transmission based on packet loss rate in 802.11e wireless networks. , 2017, , .		0
31	Application of E-Government Principles in Anti-Corruption Framework. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2017, , 56-74.	0.2	2
32	Factors to be considered in cloud computing adoption. Web Intelligence, 2016, 14, 309-323.	0.2	10
33	Opportunistic and Context-Aware Affect Sensing on Smartphones. IEEE Pervasive Computing, 2016, 15, 60-69.	1.3	13
34	Context Aware Computing for Ambient Assisted Living. Lecture Notes in Computer Science, 2016, , 321-331.	1.3	2
35	Determinants of perceived usefulness of e-learning systems. Computers in Human Behavior, 2016, 64, 843-858.	8.5	156
36	Improved media management through cloud computing technology. , 2016, , .		0

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37	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
38	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
39	An investigation of the main factors to be considered in cloud computing adoption in Australian regional local councils. <i>Journal of Contemporary Issues in Business and Government</i> , 2016, 21, 72.	0.1	10
40	Technology Innovation Adoption Theories. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2016, , 1-38.	0.3	2
41	Collaborative cloud computing adoption in Australian regional municipal government: An exploratory study. , 2015, , .		22
42	Genome Mining Using Machine Learning Techniques. <i>Lecture Notes in Computer Science</i> , 2015, , 379-384.	1.3	3
43	Reality Mining in eHealth. <i>Lecture Notes in Computer Science</i> , 2015, , 1-6.	1.3	3
44	Multimedia data mining using deep learning. , 2015, , .		20
45	Anti-Corruption Capabilities of Public E-Procurement Technologies. , 2015, , 2113-2131.		0
46	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. , 2015, , 2291-2307.		1
47	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
48	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
49	Willingness to adopt e-procurement to reduce corruption. <i>Transforming Government: People, Process and Policy</i> , 2014, 8, 500-520.	2.1	30
50	Impact of Cloud Computing Technology on E-Government. <i>Communications in Computer and Information Science</i> , 2014, , 272-290.	0.5	15
51	Uptake of telehealth services funded by Medicare in Australia. <i>Australian Health Review</i> , 2014, 38, 528.	1.1	72
52	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. <i>Advances in Public Policy and Administration</i> , 2014, , 175-191.	0.1	5
53	Lean Thinking in Dementia Care Through Smart Assistive Technology: An Evaluation. , 2014, , 143-167.		0
54	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

#	ARTICLE	IF	CITATIONS
55	Concerns of Ageing and Interest in Assistive Technologies – Convenience Sampling of Attendees at an Aged Care Technology Exhibition in China. IFIP Advances in Information and Communication Technology, 2014, , 412-419.	0.7	1
56	Aged Care Informatics. International Journal of Enterprise Information Systems, 2014, 10, 1-20.	1.0	3
57	IT infrastructure services as a requirement for e-learning system success. Computers and Education, 2013, 69, 431-451.	8.3	96
58	E-Learning Service Delivery Quality. , 2013, , 89-127.		3
59	A Technology Acceptance Model for E-health Services for the Elderly Population in China. , 2013, , 1315-1320.		0
60	Key Factors for the Development of a Culturally Appropriate Interactive Multimedia Informative Program for Aboriginal Health Workers. Australian Journal of Indigenous Education, 2012, 41, 162-172.	0.8	3
61	Sustainability of Health Information Systems in Developing Countries: The Case of Fiji. Health Information Management Journal, 2012, 41, 13-19.	1.2	8
62	Evaluating the Anti-Corruption Capabilities of Public e-Procurement in a Developing Country. Electronic Journal of Information Systems in Developing Countries, 2012, 55, 1-17.	1.4	24
63	The potential of e-procurement technology for reducing corruption. International Journal of Information Technology and Management, 2012, 11, 273.	0.1	21
64	Consumer-Centered e-Health: Challenges and Opportunities for China. Advanced Science Letters, 2012, 7, 257-260.	0.2	2
65	Perceived Benefits Related to Anti-Corruption from e-Tendering System in Nepal. Asian Journal of Information Technology, 2012, 11, 22-29.	0.0	6
66	A Model to Measure E-Learning Systems Success. , 2012, , 293-317.		4
67	Purpose Based Access Control for Privacy Protection in E-Healthcare Services. Journal of Software, 2012, 7, .	0.6	11
68	Assimilation of Inter-Organizational Information Systems. , 2012, , 18-32.		2
69	A Novel Image Compressive Sensing Method Based on Complex Measurements. , 2011, , .		1
70	Ageing, Chronic Disease, Technology, and Smart Homes. , 2011, , 15-29.		5
71	The potential of information and communication technologies to support ageing and independent living. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 479-483.	2.5	4
72	The status of training and education in information and communication technology of Chinese nurses: A hospital survey. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
73	Integration of VSAT with WiMAX technology for E-health in Chinese rural areas. , 2010, , .		4
74	Building an Information Quality Lab on e-health in the rural areas for healthcare education. , 2010, , .		2
75	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
76	Barriers to use of information and computer technology by Australiaâ€™s nurses: a national survey. Journal of Clinical Nursing, 2009, 18, 1151-1158.	3.0	68
77	Reinventing Health, Ageing and Aged Care through Smart Homes and Intelligent Technologies. , 2009, , .		1
78	Attitudes of Australian Nurses to Information Technology in the Workplace. CIN - Computers Informatics Nursing, 2009, 27, 114-121.	0.5	26
79	Identification of key issues for successful technology transfer in the Arab countries: a Delphi study. International Journal of Technology Transfer and Commercialisation, 2009, 8, 22.	0.2	4
80	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
81	The status of training and education in information and computer technology of Australian nurses: a national survey. Journal of Clinical Nursing, 2008, 17, 2758-2767.	3.0	67
82	Health and Aged Care Enabled by Information Technology. Annals of the New York Academy of Sciences, 2007, 1114, 154-161.	3.8	28
83	Identification of Major Issues for Successful IT Transfer in the Arab World: The Preliminary Results. , 2006, , .		1
84	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
85	Telemedicine education. Journal of Telemedicine and Telecare, 2003, 9, 354-355.	2.7	2
86	Australian online supermarket usability. , 2003, , .		7
87	Physician clinical communication systems--an Australian perspective. Journal of Medical Systems, 1997, 21, 99-106.	3.6	5
88	Hospitals: To the next millennium. International Journal of Health Planning and Management, 1995, 10, 87-98.	1.7	14
89	Innovation as hospital culture: A trial and demonstration facility in an acute-care hospital ward. International Journal of Health Planning and Management, 1991, 6, 243-249.	1.7	0
90	The Concord Hospital model ward: a trial and demonstration facility for new products and technologies. Medical Journal of Australia, 1991, 154, 522-522.	1.7	1

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91	A strategy for coordination of end-user computing in hospital departments. Journal of Medical Systems, 1989, 13, 375-383.	3.6	1
92	The Potential for ICT Tools to Promote Public Participation in Fighting Corruption. , 0, , 338-354.		1
93	Anti-Corruption Capabilities of Public E-Procurement Technologies. , 0, , 355-373.		3