

Liyana Shuib

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,969
citations

147801

31
h-index

182427

51
g-index

84
all docs

84
docs citations

84
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing the use of social media by SMEs and its performance outcomes. <i>Industrial Management and Data Systems</i> , 2015, 115, 570-588.	3.7	273
2	Improved Salp Swarm Algorithm based on opposition based learning and novel local search algorithm for feature selection. <i>Expert Systems With Applications</i> , 2020, 145, 113122.	7.6	250
3	Deep learning-based breast cancer classification through medical imaging modalities: state of the art and research challenges. <i>Artificial Intelligence Review</i> , 2020, 53, 1655-1720.	15.7	161
4	Identification of personal traits in adaptive learning environment: Systematic literature review. <i>Computers and Education</i> , 2019, 130, 168-190.	8.3	103
5	Big data adoption: State of the art and research challenges. <i>Information Processing and Management</i> , 2019, 56, 102095.	8.6	101
6	Influence of big data adoption on manufacturing companies' performance: An integrated DEMATEL-ANFIS approach. <i>Technological Forecasting and Social Change</i> , 2018, 137, 199-210.	11.6	99
7	Big data in education: a state of the art, limitations, and future research directions. <i>International Journal of Educational Technology in Higher Education</i> , 2020, 17, .	7.6	85
8	Email Classification Research Trends: Review and Open Issues. <i>IEEE Access</i> , 2017, 5, 9044-9064.	4.2	83
9	A Survey of User Profiling: State-of-the-Art, Challenges, and Solutions. <i>IEEE Access</i> , 2019, 7, 144907-144924.	4.2	79
10	Social Media Recommender Systems: Review and Open Research Issues. <i>IEEE Access</i> , 2018, 6, 15608-15628.	4.2	77
11	Evaluation of traditional and consolidated rice farms in Guilan Province, Iran, using life cycle assessment and fuzzy modeling. <i>Science of the Total Environment</i> , 2014, 481, 242-251.	8.0	76
12	Assessment of sustainability indicators for green building manufacturing using fuzzy multi-criteria decision making approach. <i>Journal of Cleaner Production</i> , 2020, 277, 122905.	9.3	76
13	Clinical text classification research trends: Systematic literature review and open issues. <i>Expert Systems With Applications</i> , 2019, 116, 494-520.	7.6	72
14	Evaluation model for knowledge sharing in information security professional virtual community. <i>Computers and Security</i> , 2014, 43, 19-34.	6.0	71
15	For Sustainable Application of Mobile Learning: An Extended UTAUT Model to Examine the Effect of Technical Factors on the Usage of Mobile Devices as a Learning Tool. <i>Sustainability</i> , 2021, 13, 1856.	3.2	67
16	The impact of big data on firm performance in hotel industry. <i>Electronic Commerce Research and Applications</i> , 2020, 40, 100921.	5.0	64
17	A Review of the Applications of Bio-inspired Flower Pollination Algorithm. <i>Procedia Computer Science</i> , 2015, 62, 435-441.	2.0	60
18	Bio-inspired computation: Recent development on the modifications of the cuckoo search algorithm. <i>Applied Soft Computing Journal</i> , 2017, 61, 149-173.	7.2	58

#	ARTICLE	IF	CITATIONS
19	A new approach for forecasting OPEC petroleum consumption based on neural network train by using flower pollination algorithm. <i>Applied Soft Computing Journal</i> , 2016, 48, 50-58.	7.2	52
20	Mobile Learning for English Language Acquisition: Taxonomy, Challenges, and Recommendations. <i>IEEE Access</i> , 2017, 5, 19033-19047.	4.2	51
21	Adaptive feedback in computer-based learning environments: a review. <i>Adaptive Behavior</i> , 2017, 25, 217-234.	1.9	51
22	Drivers and inhibitors for digital payment adoption using the Cashless Society Readiness-Adoption model in Malaysia. <i>Technology in Society</i> , 2021, 65, 101554.	9.4	50
23	Mobile English Language Learning (MELL): a literature review. <i>Educational Review</i> , 2019, 71, 257-276.	3.7	47
24	Context-Based Feature Technique for Sarcasm Identification in Benchmark Datasets Using Deep Learning and BERT Model. <i>IEEE Access</i> , 2021, 9, 48501-48518.	4.2	44
25	A review of mobile pervasive learning: Applications and issues. <i>Computers in Human Behavior</i> , 2015, 46, 239-244.	8.5	42
26	Sarcasm identification in textual data: systematic review, research challenges and open directions. <i>Artificial Intelligence Review</i> , 2020, 53, 4215-4258.	15.7	41
27	Breast Cancer Multi-classification through Deep Neural Network and Hierarchical Classification Approach. <i>Multimedia Tools and Applications</i> , 2020, 79, 15481-15511.	3.9	40
28	Decision to adopt online collaborative learning tools in higher education: A case of top Malaysian universities. <i>Education and Information Technologies</i> , 2019, 24, 79-102.	5.7	38
29	Automatic ICD-10 multi-class classification of cause of death from plaintext autopsy reports through expert-driven feature selection. <i>PLoS ONE</i> , 2017, 12, e0170242.	2.5	38
30	Predicting the adoption of cloud-based technology using fuzzy analytic hierarchy process and structural equation modelling approaches. <i>Applied Soft Computing Journal</i> , 2018, 66, 77-89.	7.2	37
31	Development of a Mobile Game Application to Boost Students's™ Motivation in Learning English Vocabulary. <i>IEEE Access</i> , 2019, 7, 13326-13337.	4.2	35
32	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. <i>PLoS ONE</i> , 2015, 10, e0136140.	2.5	33
33	Adaptive neuro-fuzzy optimization of wind farm project net profit. <i>Energy Conversion and Management</i> , 2014, 80, 229-237.	9.2	30
34	To Facebook or to Face Book? An investigation of how academic performance of different personalities is affected through the intervention of Facebook usage. <i>Computers in Human Behavior</i> , 2017, 75, 167-176.	8.5	30
35	Progress on Artificial Neural Networks for Big Data Analytics: A Survey. <i>IEEE Access</i> , 2019, 7, 70535-70551.	4.2	27
36	A Review on Artificial Intelligence Methodologies for the Forecasting of Crude Oil Price. <i>Intelligent Automation and Soft Computing</i> , 2016, 22, 449-462.	2.1	26

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37	Multi-Class Disease Classification in Brain MRIs Using a Computer-Aided Diagnostic System. <i>Symmetry</i> , 2017, 9, 37.	2.2	26
38	A Systematic Review on Implicit and Explicit Aspect Extraction in Sentiment Analysis. <i>IEEE Access</i> , 2020, 8, 194166-194191.	4.2	25
39	Early survey with bibliometric analysis on machine learning approaches in controlling COVID-19 outbreaks. <i>PeerJ Computer Science</i> , 2020, 6, e313.	4.5	24
40	Prediction of cause of death from forensic autopsy reports using text classification techniques: A comparative study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 57, 41-50.	1.0	23
41	Automated Machine Learning Approaches for Emergency Response and Coordination via Social Media in the Aftermath of a Disaster: A Review. <i>IEEE Access</i> , 2021, 9, 68917-68931.	4.2	22
42	Building a new taxonomy for data discretization techniques. , 2009, , .		21
43	Ensembled deep convolution neural network-based breast cancer classification with misclassification reduction algorithms. <i>Multimedia Tools and Applications</i> , 2020, 79, 18447-18479.	3.9	19
44	A bibliometric analysis of m-learning from topic inception to 2015. <i>International Journal of Mobile Learning and Organisation</i> , 2019, 13, 91.	0.3	16
45	Towards Sustainable Mobile Learning: A Brief Review of the Factors Influencing Acceptance of the Use of Mobile Phones as Learning Tools. <i>Sustainability</i> , 2020, 12, 10527.	3.2	16
46	A Model for Decision-Makers's Adoption of Big Data in the Education Sector. <i>Sustainability</i> , 2021, 13, 13995.	3.2	16
47	Malaysian urban poor adoption of e-government applications and their satisfaction. <i>Cogent Social Sciences</i> , 2019, 5, .	1.1	15
48	A behavioral intention model for SaaS-based collaboration services in higher education. <i>Education and Information Technologies</i> , 2020, 25, 791-816.	5.7	14
49	Advances in Teaching and Learning on Facebook in Higher Institutions. <i>IEEE Access</i> , 2017, 5, 480-500.	4.2	13
50	Classification of forensic autopsy reports through conceptual graph-based document representation model. <i>Journal of Biomedical Informatics</i> , 2018, 82, 88-105.	4.3	13
51	Machine learning algorithms for improving security on touch screen devices: a survey, challenges and new perspectives. <i>Neural Computing and Applications</i> , 2020, 32, 13651-13678.	5.6	12
52	E-learning adoption in higher education: A review. <i>Information Development</i> , 2022, 38, 570-588.	2.3	12
53	Development of a SaaS Adoption Decision-Making Model Using a New Hybrid MCDM Approach. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1845-1874.	3.9	11
54	Sentiment Analysis of Noisy Malay Text: State of Art, Challenges and Future Work. <i>IEEE Access</i> , 2020, 8, 24687-24696.	4.2	11

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55	Automatic Text Classification of ICD-10 Related CoD from Complex and Free Text Forensic Autopsy Reports. , 2016, , .		9
56	Multi-feature fusion framework for sarcasm identification on twitter data: A machine learning based approach. PLoS ONE, 2021, 16, e0252918.	2.5	9
57	The Significance of Global Vectors Representation in Sarcasm Analysis. , 2020, , .		8
58	Agent based preprocessing. , 2007, , .		7
59	A tree-based multiclassification of breast tumor histopathology images through deep learning. Computerized Medical Imaging and Graphics, 2021, 89, 101870.	5.8	7
60	Smoke shooter: Introducing danger of smoking to school children with persuasive technology. , 2012, , .		6
61	Mobile English language learning: a systematic review of group size, duration, and assessment methods. Computer Assisted Language Learning, 2023, 36, 430-456.	7.1	6
62	Mobile Games for Language Learning. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 137-156.	0.4	5
63	DETECTION OF SUSPICIOUS TERRORIST EMAILS USING TEXT CLASSIFICATION: A REVIEW. Malaysian Journal of Computer Science, 2018, 31, 271-299.	0.8	5
64	Deep Learning-Based Big Data Analytics for Internet of Vehicles: Taxonomy, Challenges, and Research Directions. Mathematical Problems in Engineering, 2021, 2021, 1-20.	1.1	5
65	Electronic Medical Records in Greece and Oman: A Professionalâ€™s Evaluation of Structure and Value. International Journal of Environmental Research and Public Health, 2018, 15, 1137.	2.6	4
66	Hierarchical Text Classification of Autopsy Reports to Determine MoD and CoD Through Term-Based and Concepts-Based Features. Lecture Notes in Computer Science, 2017, , 209-222.	1.3	3
67	Public bus commuter assistance through the named entity recognition of twitter feeds and intelligent route finding. IET Intelligent Transport Systems, 2017, 11, 521-529.	3.0	3
68	A Framework for Mobile Learning Acceptance Amongst Formal Part-Time Learners: From the Andragogy Perspective. IEEE Access, 2022, 10, 61213-61227.	4.2	3
69	Data Mining Approach: Relevance Vector Machine for the Classification of Learning Style Based on Learning Objects. , 2014, , .		2
70	Mobile-Based Intelligent Transportation for Bus Commuters Based on Twitter Analytics. , 2016, , .		2
71	An Enhancement of Malay Social Media Text Normalization for Lexicon-Based Sentiment Analysis. , 2019, , .		2
72	A Context-Aware Personalized Hybrid Book Recommender System. Journal of Web Engineering, 0, , .	0.7	2

#	ARTICLE	IF	CITATIONS
73	The use of information retrieval tools: A study of computer science postgraduate students. , 2010, , .		1
74	Cloud computing platforms for delivering computer science and mathematics instructional course content to learners. , 2017, , .		1
75	Game Framework to Improve English Language Learnersâ€™ Motivation and Performance. Advances in Intelligent Systems and Computing, 2019, , 1029-1040.	0.6	1
76	Optimization of Neural Network Using Cuckoo Search for the Classification of Diabetes. Journal of Computational and Theoretical Nanoscience, 2015, 12, 5755-5758.	0.4	1
77	Social Media Recommender Systems (SMRS): A Bibliometric Analysis Study 2000â€“2021. IEEE Access, 2022, 10, 35479-35497.	4.2	1
78	Design of an Algebraic Concept Operator for Adaptive Feedback in Physics. Lecture Notes in Computer Science, 2018, , 181-190.	1.3	0
79	A scientometric analysis of mobile recommender systems. International Journal of Mobile Communications, 2020, 18, 485.	0.3	0
80	Determining Evaluation Criteria And Sub-Criteria For E-Learning Software. Malaysian Journal of Computer Science, 2017, 30, 219-241.	0.8	0
81	Elman Neural Network Trained by using Artificial Bee Colony for the Classification of Learning Style based on Students Preferences. Applied Mathematics and Information Sciences, 2017, 11, 1269-1278.	0.5	0
82	Statistical Analysis of Literacy Rates Using Indian Census Data. Lecture Notes in Networks and Systems, 2020, , 517-523.	0.7	0
83	Detecting Covid-19 in Chest X-Ray Images With Convolutional Neural Network. , 2021, , .		0