Liyana Shuib

List of Publications by Year
in descending order

83 papers	2,969 citations	147566 31 h-index	182168 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. Industrial Management and Data Systems, 2015, 115, 570-588.	2.2	273
2	Improved Salp Swarm Algorithm based on opposition based learning and novel local search algorithm for feature selection. Expert Systems With Applications, 2020, 145, 113122.	4.4	250
3	Deep learning-based breast cancer classification through medical imaging modalities: state of the art and research challenges. Artificial Intelligence Review, 2020, 53, 1655-1720.	9.7	161
4	Identification of personal traits in adaptive learning environment: Systematic literature review. Computers and Education, 2019, 130, 168-190.	5.1	103
5	Big data adoption: State of the art and research challenges. Information Processing and Management, 2019, 56, 102095.	5.4	101
6	Influence of big data adoption on manufacturing companies' performance: An integrated DEMATEL-ANFIS approach. Technological Forecasting and Social Change, 2018, 137, 199-210.	6.2	99
7	Big data in education: a state of the art, limitations, and future research directions. International Journal of Educational Technology in Higher Education, 2020, 17, .	4.5	85
8	Email Classification Research Trends: Review and Open Issues. IEEE Access, 2017, 5, 9044-9064.	2.6	83
9	A Survey of User Profiling: State-of-the-Art, Challenges, and Solutions. IEEE Access, 2019, 7, 144907-144924.	2.6	79
10	Social Media Recommender Systems: Review and Open Research Issues. IEEE Access, 2018, 6, 15608-15628.	2.6	77
11	Evaluation of traditional and consolidated rice farms in Guilan Province, Iran, using life cycle assessment and fuzzy modeling. Science of the Total Environment, 2014, 481, 242-251.	3.9	76
12	Assessment of sustainability indicators for green building manufacturing using fuzzy multi-criteria decision making approach. Journal of Cleaner Production, 2020, 277, 122905.	4.6	76
13	Clinical text classification research trends: Systematic literature review and open issues. Expert Systems With Applications, 2019, 116, 494-520.	4.4	72
14	Evaluation model for knowledge sharing in information security professional virtual community. Computers and Security, 2014, 43, 19-34.	4.0	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. Sustainability, 2021, 13, 1856.	1.6	67
16	The impact of big data on firm performance in hotel industry. Electronic Commerce Research and Applications, 2020, 40, 100921.	2.5	64
17	A Review of the Applications of Bio-inspired Flower Pollination Algorithm. Procedia Computer Science, 2015, 62, 435-441.	1.2	60
18	Bio-inspired computation: Recent development on the modifications of the cuckoo search algorithm. Applied Soft Computing Journal, 2017, 61, 149-173.	4.1	58

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19	A new approach for forecasting OPEC petroleum consumption based on neural network train by using flower pollination algorithm. Applied Soft Computing Journal, 2016, 48, 50-58.	4.1	52
20	Mobile Learning for English Language Acquisition: Taxonomy, Challenges, and Recommendations. IEEE Access, 2017, 5, 19033-19047.	2.6	51
21	Adaptive feedback in computer-based learning environments: a review. Adaptive Behavior, 2017, 25, 217-234.	1.1	51
22	Drivers and inhibitors for digital payment adoption using the Cashless Society Readiness-Adoption model in Malaysia. Technology in Society, 2021, 65, 101554.	4.8	50
23	Mobile English Language Learning (MELL): a literature review. Educational Review, 2019, 71, 257-276.	2.2	47
24	Context-Based Feature Technique for Sarcasm Identification in Benchmark Datasets Using Deep Learning and BERT Model. IEEE Access, 2021, 9, 48501-48518.	2.6	44
25	A review of mobile pervasive learning: Applications and issues. Computers in Human Behavior, 2015, 46, 239-244.	5.1	42
26	Sarcasm identification in textual data: systematic review, research challenges and open directions. Artificial Intelligence Review, 2020, 53, 4215-4258.	9.7	41
27	Breast Cancer Multi-classification through Deep Neural Network and Hierarchical Classification Approach. Multimedia Tools and Applications, 2020, 79, 15481-15511.	2.6	40
28	Decision to adopt online collaborative learning tools in higher education: A case of top Malaysian universities. Education and Information Technologies, 2019, 24, 79-102.	3.5	38
29	Automatic ICD-10 multi-class classification of cause of death from plaintext autopsy reports through expert-driven feature selection. PLoS ONE, 2017, 12, e0170242.	1.1	38
30	Predicting the adoption of cloud-based technology using fuzzy analytic hierarchy process and structural equation modelling approaches. Applied Soft Computing Journal, 2018, 66, 77-89.	4.1	37
31	Development of a Mobile Game Application to Boost Students' Motivation in Learning English Vocabulary. IEEE Access, 2019, 7, 13326-13337.	2.6	35
32	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. PLoS ONE, 2015, 10, e0136140.	1.1	33
33	Adaptive neuro-fuzzy optimization of wind farm project net profit. Energy Conversion and Management, 2014, 80, 229-237.	4.4	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. Computers in Human Behavior, 2017, 75, 167-176.	5.1	30
35	Progress on Artificial Neural Networks for Big Data Analytics: A Survey. IEEE Access, 2019, 7, 70535-70551.	2.6	27
36	A Review on Artificial Intelligence Methodologies for the Forecasting of Crude Oil Price. Intelligent Automation and Soft Computing, 2016, 22, 449-462.	1.6	26

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37	Multi-Class Disease Classification in Brain MRIs Using a Computer-Aided Diagnostic System. Symmetry, 2017, 9, 37.	1.1	26
38	A Systematic Review on Implicit and Explicit Aspect Extraction in Sentiment Analysis. IEEE Access, 2020, 8, 194166-194191.	2.6	25
39	Early survey with bibliometric analysis on machine learning approaches in controlling COVID-19 outbreaks. PeerJ Computer Science, 2020, 6, e313.	2.7	24
40	Prediction of cause of death from forensic autopsy reports using text classification techniques: A comparative study. Journal of Clinical Forensic and Legal Medicine, 2018, 57, 41-50.	0.5	23
41	Automated Machine Learning Approaches for Emergency Response and Coordination via Social Media in the Aftermath of a Disaster: A Review. IEEE Access, 2021, 9, 68917-68931.	2.6	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. Multimedia Tools and Applications, 2020, 79, 18447-18479.	2.6	19
44	A bibliometric analysis of m-learning from topic inception to 2015. International Journal of Mobile Learning and Organisation, 2019, 13, 91.	0.2	16
45	Towards Sustainable Mobile Learning: A Brief Review of the Factors Influencing Acceptance of the Use of Mobile Phones as Learning Tools. Sustainability, 2020, 12, 10527.	1.6	16
46	A Model for Decision-Makers' Adoption of Big Data in the Education Sector. Sustainability, 2021, 13, 13995.	1.6	16
47	Malaysian urban poor adoption of e-government applications and their satisfaction. Cogent Social Sciences, 2019, 5, .	0.5	15
48	A behavioral intention model for SaaS-based collaboration services in higher education. Education and Information Technologies, 2020, 25, 791-816.	3.5	14
49	Advances in Teaching and Learning on Facebook in Higher Institutions. IEEE Access, 2017, 5, 480-500.	2.6	13
50	Classification of forensic autopsy reports through conceptual graph-based document representation model. Journal of Biomedical Informatics, 2018, 82, 88-105.	2.5	13
51	Machine learning algorithms for improving security on touch screen devices: a survey, challenges and new perspectives. Neural Computing and Applications, 2020, 32, 13651-13678.	3.2	12
52	E-learning adoption in higher education: A review. Information Development, 2022, 38, 570-588.	1.4	12
53	Development of a SaaS Adoption Decision-Making Model Using a New Hybrid MCDM Approach. International Journal of Information Technology and Decision Making, 2019, 18, 1845-1874.	2.3	11
54	Sentiment Analysis of Noisy Malay Text: State of Art, Challenges and Future Work. IEEE Access, 2020, 8, 24687-24696.	2.6	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.	1.1	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.	3.5	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.	4.8	6
62	Mobile Games for Language Learning. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 137-156.	0.3	5
63	DETECTION OF SUSPICIOUS TERRORIST EMAILS USING TEXT CLASSIFICATION: A REVIEW. Malaysian Journal of Computer Science, 2018, 31, 271-299.	0.5	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.	0.6	5
65	Electronic Medical Records in Greece and Oman: A Professional's Evaluation of Structure and Value. International Journal of Environmental Research and Public Health, 2018, 15, 1137.	1.2	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.	1.0	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.	1.7	3
68	A Framework for Mobile Learning Acceptance Amongst Formal Part-Time Learners: From the Andragogy Perspective. IEEE Access, 2022, 10, 61213-61227.	2.6	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

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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 Learners' Motivation and Performance. Advances in Intelligent Systems and Computing, 2019, , 1029-1040.	0.5	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.	2.6	1
78	Design of an Algebraic Concept Operator for Adaptive Feedback in Physics. Lecture Notes in Computer Science, 2018, , 181-190.	1.0	0
79	A scientometric analysis of mobile recommender systems. International Journal of Mobile Communications, 2020, 18, 485.	0.2	0
80	Determining Evaluation Criteria And Sub-Criteria For E-Learning Software. Malaysian Journal of Computer Science, 2017, 30, 219-241.	0.5	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.	0.7	0
82	Statistical Analysis of Literacy Rates Using Indian Census Data. Lecture Notes in Networks and Systems, 2020, , 517-523.	0.5	0
83	Detecting Covid-19 in Chest X-Ray Images With Convolutional Neural Network. , 2021, , .		0