Liyana Shuib

List of Publications by Year
in descending order

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	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
2	E-learning adoption in higher education: A review. Information Development, 2022, 38, 570-588.	2.3	12
3	Social Media Recommender Systems (SMRS): A Bibliometric Analysis Study 2000–2021. IEEE Access, 2022, 10, 35479-35497.	4.2	1
4	A Framework for Mobile Learning Acceptance Amongst Formal Part-Time Learners: From the Andragogy Perspective. IEEE Access, 2022, 10, 61213-61227.	4.2	3
5	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.	3.2	67
6	A tree-based multiclassification of breast tumor histopathology images through deep learning. Computerized Medical Imaging and Graphics, 2021, 89, 101870.	5.8	7
7	Drivers and inhibitors for digital payment adoption using the Cashless Society Readiness-Adoption model in Malaysia. Technology in Society, 2021, 65, 101554.	9.4	50
8	Multi-feature fusion framework for sarcasm identification on twitter data: A machine learning based approach. PLoS ONE, 2021, 16, e0252918.	2.5	9
9	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.	4.2	22
10	Context-Based Feature Technique for Sarcasm Identification in Benchmark Datasets Using Deep Learning and BERT Model. IEEE Access, 2021, 9, 48501-48518.	4.2	44
11	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
12	A Model for Decision-Makers' Adoption of Big Data in the Education Sector. Sustainability, 2021, 13, 13995.	3.2	16
13	Detecting Covid-19 in Chest X-Ray Images With Convolutional Neural Network. , 2021, , .		0
14	Deep learning-based breast cancer classification through medical imaging modalities: state of the art and research challenges. Artificial Intelligence Review, 2020, 53, 1655-1720.	15.7	161
15	Breast Cancer Multi-classification through Deep Neural Network and Hierarchical Classification Approach. Multimedia Tools and Applications, 2020, 79, 15481-15511.	3.9	40
16	A behavioral intention model for SaaS-based collaboration services in higher education. Education and Information Technologies, 2020, 25, 791-816.	5.7	14
17	The impact of big data on firm performance in hotel industry. Electronic Commerce Research and Applications, 2020, 40, 100921.	5.0	64
18	Sarcasm identification in textual data: systematic review, research challenges and open directions. Artificial Intelligence Review, 2020, 53, 4215-4258.	15.7	41

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19	Improved Salp Swarm Algorithm based on opposition based learning and novel local search algorithm for feature selection. Expert Systems With Applications, 2020, 145, 113122.	7.6	250
20	Assessment of sustainability indicators for green building manufacturing using fuzzy multi-criteria decision making approach. Journal of Cleaner Production, 2020, 277, 122905.	9.3	76
21	A scientometric analysis of mobile recommender systems. International Journal of Mobile Communications, 2020, 18, 485.	0.3	0
22	A Systematic Review on Implicit and Explicit Aspect Extraction in Sentiment Analysis. IEEE Access, 2020, 8, 194166-194191.	4.2	25
23	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.	3.2	16
24	Ensembled deep convolution neural network-based breast cancer classification with misclassification reduction algorithms. Multimedia Tools and Applications, 2020, 79, 18447-18479.	3.9	19
25	Machine learning algorithms for improving security on touch screen devices: a survey, challenges and new perspectives. Neural Computing and Applications, 2020, 32, 13651-13678.	5.6	12
26	Sentiment Analysis of Noisy Malay Text: State of Art, Challenges and Future Work. IEEE Access, 2020, 8, 24687-24696.	4.2	11
27	The Significance of Global Vectors Representation in Sarcasm Analysis. , 2020, , .		8
28	Big data in education: a state of the art, limitations, and future research directions. International Journal of Educational Technology in Higher Education, 2020, 17, .	7.6	85
29	Early survey with bibliometric analysis on machine learning approaches in controlling COVID-19 outbreaks. PeerJ Computer Science, 2020, 6, e313.	4.5	24
30	Statistical Analysis of Literacy Rates Using Indian Census Data. Lecture Notes in Networks and Systems, 2020, , 517-523.	0.7	0
31	Decision to adopt online collaborative learning tools in higher education: A case of top Malaysian universities. Education and Information Technologies, 2019, 24, 79-102.	5.7	38
32	Big data adoption: State of the art and research challenges. Information Processing and Management, 2019, 56, 102095.	8.6	101
33	A Survey of User Profiling: State-of-the-Art, Challenges, and Solutions. IEEE Access, 2019, 7, 144907-144924.	4.2	79
34	Malaysian urban poor adoption of e-government applications and their satisfaction. Cogent Social Sciences, 2019, 5, .	1.1	15
35	Development of a Mobile Game Application to Boost Students' Motivation in Learning English Vocabulary. IEEE Access, 2019, 7, 13326-13337.	4.2	35
36	A bibliometric analysis of m-learning from topic inception to 2015. International Journal of Mobile Learning and Organisation, 2019, 13, 91.	0.3	16

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37	An Enhancement of Malay Social Media Text Normalization for Lexicon-Based Sentiment Analysis. , 2019, , .		2
38	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.	3.9	11
39	Clinical text classification research trends: Systematic literature review and open issues. Expert Systems With Applications, 2019, 116, 494-520.	7.6	72
40	Progress on Artificial Neural Networks for Big Data Analytics: A Survey. IEEE Access, 2019, 7, 70535-70551.	4.2	27
41	Game Framework to Improve English Language Learnersâ€™ Motivation and Performance. Advances in Intelligent Systems and Computing, 2019, , 1029-1040.	0.6	1
42	Identification of personal traits in adaptive learning environment: Systematic literature review. Computers and Education, 2019, 130, 168-190.	8.3	103
43	Mobile English Language Learning (MELL): a literature review. Educational Review, 2019, 71, 257-276.	3.7	47
44	Social Media Recommender Systems: Review and Open Research Issues. IEEE Access, 2018, 6, 15608-15628.	4.2	77
45	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.	7.2	37
46	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.	1.0	23
47	Design of an Algebraic Concept Operator for Adaptive Feedback in Physics. Lecture Notes in Computer Science, 2018, , 181-190.	1.3	0
48	Influence of big data adoption on manufacturing companies' performance: An integrated DEMATEL-ANFIS approach. Technological Forecasting and Social Change, 2018, 137, 199-210.	11.6	99
49	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
50	Classification of forensic autopsy reports through conceptual graph-based document representation model. Journal of Biomedical Informatics, 2018, 82, 88-105.	4.3	13
51	DETECTION OF SUSPICIOUS TERRORIST EMAILS USING TEXT CLASSIFICATION: A REVIEW. Malaysian Journal of Computer Science, 2018, 31, 271-299.	0.8	5
52	Advances in Teaching and Learning on Facebook in Higher Institutions. IEEE Access, 2017, 5, 480-500.	4.2	13
53	Email Classification Research Trends: Review and Open Issues. IEEE Access, 2017, 5, 9044-9064.	4.2	83
54	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.	8.5	30

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55	Mobile Learning for English Language Acquisition: Taxonomy, Challenges, and Recommendations. IEEE Access, 2017, 5, 19033-19047.	4.2	51
56	Adaptive feedback in computer-based learning environments: a review. Adaptive Behavior, 2017, 25, 217-234.	1.9	51
57	Bio-inspired computation: Recent development on the modifications of the cuckoo search algorithm. Applied Soft Computing Journal, 2017, 61, 149-173.	7.2	58
58	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
59	Cloud computing platforms for delivering computer science and mathematics instructional course content to learners. , 2017, , .		1
60	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
61	Multi-Class Disease Classification in Brain MRIs Using a Computer-Aided Diagnostic System. Symmetry, 2017, 9, 37.	2.2	26
62	Automatic ICD-10 multi-class classification of cause of death from plaintext autopsy reports through expert-driven feature selection. PLoS ONE, 2017, 12, e0170242.	2.5	38
63	Determining Evaluation Criteria And Sub-Criteria For E-Learning Software. Malaysian Journal of Computer Science, 2017, 30, 219-241.	0.8	0
64	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
65	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.	7.2	52
66	Mobile-Based Intelligent Transportation for Bus Commuters Based on Twitter Analytics. , 2016, , .		2
67	Automatic Text Classification of ICD-10 Related CoD from Complex and Free Text Forensic Autopsy Reports. , 2016, , .		9
68	A Review on Artificial Intelligence Methodologies for the Forecasting of Crude Oil Price. Intelligent Automation and Soft Computing, 2016, 22, 449-462.	2.1	26
69	A Review of the Applications of Bio-inspired Flower Pollination Algorithm. Procedia Computer Science, 2015, 62, 435-441.	2.0	60
70	A review of mobile pervasive learning: Applications and issues. Computers in Human Behavior, 2015, 46, 239-244.	8.5	42
71	Factors influencing the use of social media by SMEs and its performance outcomes. Industrial Management and Data Systems, 2015, 115, 570-588.	3.7	273
72	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

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73	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. PLoS ONE, 2015, 10, e0136140.	2.5	33
74	Data Mining Approach: Relevance Vector Machine for the Classification of Learning Style Based on Learning Objects. , 2014, , .		2
75	Evaluation model for knowledge sharing in information security professional virtual community. Computers and Security, 2014, 43, 19-34.	6.0	71
76	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.	8.0	76
77	Adaptive neuro-fuzzy optimization of wind farm project net profit. Energy Conversion and Management, 2014, 80, 229-237.	9.2	30
78	Smoke shooter: Introducing danger of smoking to school children with persuasive technology. , 2012, , .		6
79	The use of information retrieval tools: A study of computer science postgraduate students. , 2010, , .		1
80	Building a new taxonomy for data discretization techniques. , 2009, , .		21
81	Agent based preprocessing. , 2007, , .		7
82	A Context-Aware Personalized Hybrid Book Recommender System. Journal of Web Engineering, 0, , .	0.7	2
83	Mobile Games for Language Learning. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 137-156.	0.4	5