

Jane Labadin

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

651
citations

933264

10
h-index

677027

22
g-index

72
all docs

72
docs citations

72
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the prediction of petroleum reservoir characterization with a stacked generalization ensemble model of support vector machines. Applied Soft Computing Journal, 2015, 26, 483-496.	4.1	113
2	Ensemble machine learning: An untapped modeling paradigm for petroleum reservoir characterization. Journal of Petroleum Science and Engineering, 2017, 151, 480-487.	2.1	69
3	Ensemble model of non-linear feature selection-based Extreme Learning Machine for improved natural gas reservoir characterization. Journal of Natural Gas Science and Engineering, 2015, 26, 1561-1572.	2.1	50
4	A least-square-driven functional networks type-2 fuzzy logic hybrid model for efficient petroleum reservoir properties prediction. Neural Computing and Applications, 2013, 23, 179-190.	3.2	46
5	Hybrid intelligent systems in petroleum reservoir characterization and modeling: the journey so far and the challenges ahead. Journal of Petroleum Exploration and Production, 2017, 7, 251-263.	1.2	42
6	Modelling the Effectiveness of Epidemic Control Measures in Preventing the Transmission of COVID-19 in Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 5509.	1.2	35
7	Non-linear feature selection-based hybrid computational intelligence models for improved natural gas reservoir characterization. Journal of Natural Gas Science and Engineering, 2014, 21, 397-410.	2.1	29
8	Feature selection based on mutual information. , 2015, , .		27
9	An Improved Mathematical Model for Computing Power Output of Solar Photovoltaic Modules. International Journal of Photoenergy, 2014, 2014, 1-9.	1.4	26
10	Computational thinking for teachers: Development of a localised E-learning system. Computers and Education, 2022, 177, 104379.	5.1	24
11	A Comparative Analysis of Techniques for Forecasting Electricity Consumption. International Journal of Computer Applications, 2014, 88, 8-12.	0.2	22
12	A Simple Deterministic Model for the Spread of Hand, Foot and Mouth Disease (HFMD) in Sarawak. , 2008, , .		20
13	Ensemble model of Artificial Neural Networks with randomized number of hidden neurons. , 2013, , .		10
14	Applying Bipartite Network Approach to Scarce Data: Modeling Habitat Suitability of A Marine Mammal Species. Procedia Computer Science, 2015, 60, 266-275.	1.2	9
15	Ensemble Learning Model for Petroleum Reservoir Characterization: A Case of Feed-Forward Back-Propagation Neural Networks. Lecture Notes in Computer Science, 2013, , 71-82.	1.0	8
16	A Hybrid of Functional Networks and Support Vector Machine models for the prediction of petroleum reservoir properties. , 2011, , .		7
17	Reaction-diffusion generic model for mosquito-borne diseases. , 2013, , .		6
18	Validation of Bipartite Network Model of Dengue Hotspot Detection in Sarawak. Lecture Notes in Electrical Engineering, 2019, , 335-345.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Axial Flow Between Sliding, Non-Concentric Cylinders with Applications to Thread Injection. Quarterly Journal of Mechanics and Applied Mathematics, 2010, 63, 315-334.	0.5	5
20	Computational Modeling and Simulation of EHD Ion-Drag Pumping Using Finite Difference Method. , 2013, , .		5
21	Contact strength generating algorithm for application in malaria transmission network. , 2011, , .		4
22	3D Modeling and Simulation of Electrohydrodynamic Ion-Drag Micropump with Different Configurations of Collector Electrode. , 2012, , .		4
23	Parallel computation of electric potential in the EHD ion-drag micropump and the performance analysis of the parallel system. , 2013, , .		4
24	Computational modeling and simulation of electro-hydrodynamic (EHD) ion-drag micropump with planar emitter and micropillar collector electrodes. Journal of Physics: Conference Series, 2013, 418, 012072.	0.3	4
25	Structural convergence of web graph, social network and malaria network: an analytical framework for emerging web-hybrid search engine. International Journal of Web Engineering and Technology, 2014, 9, 3.	0.1	4
26	Feature selection with mutual information for regression problems. , 2015, , .		4
27	Modeling Dengue Hotspot with Bipartite Network Approach. Lecture Notes in Electrical Engineering, 2018, , 220-229.	0.3	4
28	Modelling COVID-19 Hotspot Using Bipartite Network Approach. Acta Informatica Pragensia, 2021, 10, 123-137.	0.7	4
29	Model Simulation for the Spread of Rabies in Sarawak, Malaysia. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 1739-1745.	0.2	4
30	Emerging computational strategy for eradication of malaria. , 2011, , .		3
31	Comparison between multiple regression and multivariate adaptive regression splines for predicting CO ₂ emissions in ASEAN countries. , 2013, , .		3
32	Predicting Petroleum Reservoir Properties from Downhole Sensor Data using an Ensemble Model of Neural Networks. , 2013, , .		3
33	Leadership in species: A bipartite-network-based approach. , 2017, , .		3
34	Improved Feature Selection Based on Mutual Information for Regression Tasks. Neurology Asia, 2016, 6, 11-24.	0.1	3
35	Numerical Modeling of the Dielectric Barrier Discharges Plasma Flow. , 2010, , .		2
36	Quantifying the relationship between the climate and Hand-Foot-Mouth Disease (HFMD) incidences. , 2011, , .		2

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37	Modeling using support vector machines on imbalanced data: A case study on the prediction of the sightings of Irrawaddy dolphins. AIP Conference Proceedings, 2015, , .	0.3	2
38	Impact of human diffusion and spatial heterogeneity on transmission dynamics of mosquito-borne diseases. , 2015, , .		2
39	Predicting electricity consumption: A comparative analysis of the accuracy of various computational techniques. , 2015, , .		2
40	Android-based Disease Monitoring. , 2016, , .		2
41	Rabies Hotspot Detection Using Bipartite Network Modelling Approach. Trends in Undergraduate Research, 2021, 4, c52-60.	0.1	2
42	Mosquito Flight Model and Applications in Malaria Control. , 2011, , 59-64.		2
43	Preliminary Investigation of the Relationship between Weather Data and Hand-Foot-Mouth Disease Cases in Sarawak. , 2010, , .		1
44	Generating grade baseline marks for forecasting students' performance in Lower Secondary Assessment (PMR). , 2011, , .		1
45	An empirical study on CO ₂ emissions in ASEAN countries. , 2012, , .		1
46	Spatial model for transmission of mosquito-borne diseases. AIP Conference Proceedings, 2015, , .	0.3	1
47	Computational time analysis of the numerical solution of 3D electrostatic Poisson's equation. AIP Conference Proceedings, 2015, , .	0.3	1
48	The effect of vaccination decision in disease modelling through simulation. , 2015, , .		1
49	Assessing fitness-for-purpose and comparing the suitability of COVID-19 multi-country models for local contexts and users. Gates Open Research, 0, 5, 79.	2.0	1
50	Generic Reaction-Diffusion Model For Transmission Of Mosquito-Borne Diseases: Results Of Simulation With Actual Cases. , 2016, , .		1
51	Towards an Improved Ensemble Learning Model of Artificial Neural Networks. Advances in Data Mining and Database Management Book Series, 2014, , 76-106.	0.4	1
52	When Requirement Engineering Meets Computational Science Modelling and Simulation. Advanced Science Letters, 2017, 23, 11288-11292.	0.2	1
53	Towards an Improved Ensemble Learning Model of Artificial Neural Networks. , 0, , 325-356.		1
54	Numerical Visualization of Dielectric Barrier Discharge Plasma Actuator Surface Discharge. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
55	An epidemic aggregate and individual-based model in a patchy environment. , 2013, , .		0
56	Simulation of 2D surface flow in open channel using explicit finite difference method. , 2015, , .		0
57	HUMAN BEHAVIORAL CHANGES AND ITS IMPACT IN DISEASE MODELING. Jurnal Teknologi (Sciences and) Tj ETQq1_1 0.784314 rgBT / 0.3 0	0.3	0
58	Numerical Study for Boundary-Layer Flow Past a Full 3D Obstacle. , 2015, , .		0
59	Simulating the spread of malaria using a generic transmission model for mosquito-borne infectious diseases. AIP Conference Proceedings, 2016, , .	0.3	0
60	Piecewise linear modelling and change-point analysis of COVID-19 outbreak in Malaysia. Journal of Physics: Conference Series, 2021, 1988, 012105.	0.3	0
61	Sarawak Covid-19: Effects of Pre-Festival Mobility and Festival Gatherings. International Journal of Business and Society, 2021, 22, 1076-1083.	0.5	0
62	Fluid flow simulation in a double L-bend pipe with small nozzle outlets. WIT Transactions on Engineering Sciences, 2006, , .	0.0	0
63	Ambient Intelligence in the Classroom: an Augmented School Desk. , 2010, , 621-631.		0
64	Inducing a Semantically Rich Nested Event Model. Communications in Computer and Information Science, 2015, , 361-375.	0.4	0
65	Simulating Dengue: Comparison of Observed and Predicted Cases from Generic Reaction-Diffusion Model for Transmission of Mosquito-Borne Diseases. Matematika, 0, , .	0.0	0
66	Towards an Improved Ensemble Learning Model of Artificial Neural Networks. , 0, , 762-793.		0
67	Information Theoretic-based Feature Selection (IFS) for Machine Learning. , 2021, , .		0