rubiyah Yusof

List of Publications by Year
in descending order

42 papers	**770** citations	758635 **12** h-index	752256 **20** g-index
43 all docs	**43** docs citations	**43** times ranked	**938** citing authors

#	Article	IF	Citations
1	Esophagus Detection Using Deep Learning Method. , 2021, , .		0
2	New Feature Extraction for Wood Species Recognition System via Statistical Properties of Line Distribution. , 2021, , .		0
3	A dissimilarity measure estimation for analyzing trajectory data. Journal of Advanced Simulation in Science and Engineering, 2019, 6, 367-385.	0.1	0
4	Computational Modeling of Biosynthesized Gold Nanoparticles in Black *Camellia sinensis* Leaf Extract. Journal of Nanomaterials, 2019, 2019, 1-11.	1.5	8
5	Extreme learning machine for structured output spaces. Neural Computing and Applications, 2018, 30, 1251-1264.	3.2	8
6	Traffic sign recognition based on color, shape, and pictogram classification using support vector machines. Neural Computing and Applications, 2018, 30, 2807-2817.	3.2	21
7	A Study of Feature Extraction and Classifier Methods for Tropical Wood Recognition System. , 2018, , .		5
8	Preparation of alkaline polymer catalyst by radiation induced grafting for transesterification of triacetin under neural network optimized conditions. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 557-565.	1.2	7
9	Simulation and modeling of synthesis Cu nanoparticles in sodium alginate media by means of expert systems. Research on Chemical Intermediates, 2016, 42, 2831-2843.	1.3	3
10	Automatic Region-Based Brain Classification of MRI-T1 Data. PLoS ONE, 2016, 11, e0151326.	1.1	6
11	An Efficient Optimization Method for Solving Unsupervised Data Classification Problems. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	0.7	5
12	Modeling of biosynthesized silver nanoparticles in Vitex negundo L. extract by artificial neural network. RSC Advances, 2015, 5, 87277-87285.	1.7	18
13	Online sequential-extreme learning machine based detector on training-learning-detection framework. , 2015, , .		1
14	Artificial neural network for modeling the size of silver nanoparticles' prepared in montmorillonite/starch bionanocomposites. Journal of Industrial and Engineering Chemistry, 2015, 24, 42-50.	2.9	39
15	Traffic sign segmentation using supervised distance based classifiers. , 2015, , .		4
16	An analytical approach to evaluate the performance of graphene and carbon nanotubes for NH_3 gas sensor applications. Beilstein Journal of Nanotechnology, 2014, 5, 726-734.	1.5	23
17	Maximum power point tracking of partial shaded photovoltaic array using an evolutionary algorithm: A particle swarm optimization technique. Journal of Renewable and Sustainable Energy, 2014, 6, .	0.8	58
18	Nonlinear Identification of a Magneto‑Rheological Damper Based on Dynamic Neural Networks. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 221-233.	6.3	57

#	Article	IF	Citations
19	Development of solution-gated graphene transistor model for biosensors. Nanoscale Research Letters, 2014, 9, 71.	3.1	30
20	Gas Concentration Effects on the Sensing Properties of Bilayer Graphene. Plasmonics, 2014, 9, 987-992.	1.8	11
21	Oil Spill trajectory tracking using swarm intelligence and hybrid fuzzy system. , 2014, , .		2
22	Fuzzy logic-based pre-classifier for tropical wood species recognition system. Machine Vision and Applications, 2013, 24, 1589-1604.	1.7	22
23	Review of HVAC scheduling techniques for buildings towards energy-efficient and cost-effective operations. Renewable and Sustainable Energy Reviews, 2013, 27, 94-103.	8.2	91
24	Model-based fault detection and diagnosis optimization for process control rig. , 2013, , .		0
25	Feature Level Fusion of Face and Signature Using a Modified Feature Selection Technique. , 2013, , .		11
26	Analytical Modeling of Partially Shaded Photovoltaic Systems. Energies, 2013, 6, 128-144.	1.6	150
27	A discrete-event traffic simulation model for multilane-multiple intersection. , 2013, , .		2
28	Tropical Wood Species Recognition System Based on Gabor Filter as Image Multiplier. , 2013, , .		7
29	Structure optimization of neural network for dynamic system modeling using multi-objective genetic algorithm. Neural Computing and Applications, 2012, 21, 1281-1295.	3.2	50
30	Optimization of electronics component placement design on PCB using self organizing genetic algorithm (SOGA). Journal of Intelligent Manufacturing, 2012, 23, 883-895.	4.4	26
31	Tropical wood species recognition system based on multi-feature extractors and classifiers. , 2011, , .		13
32	Nonlinear dynamic system identification using Volterra series: Multi-objective optimization approach. , 2011, , .		4
33	Multi-objective optimization problems: Method and application. , 2011, , .		2
34	Using Gabor Filters as Image Multiplier for Tropical Wood Species Recognition System. , 2010, , .		21
35	A Comparative Study of Feature Extraction Methods for Wood Texture Classification. , 2010, , .		17
36	Online Signature Verification with Neural Networks Classifier and Fuzzy Inference. , 2009, , .		9

#	Article	IF	Citations
37	An alternative laboratory package for teaching control engineering. , 2009, , .		4
38	Tropical Wood Species Recognition Based on Gabor Filter. , 2009, , .		9
39	Evolutionary feature selections for face detection system. , 2008, , .		2
40	Comparison of Feature Extractors in License Plate Recognition. , 2007, , .		15
41	Face Verification with Gabor Representation and Support Vector Machines. , 2007, , .		7
42	Recursive Least Square and Fuzzy Modelling Using Genetic Algorithm for Process Control Application. , 2007, , .		0