

Mohd Nasir Taib

List of Publications by Year in descending order

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264
papers

1,890
citations

471509

17
h-index

501196

28
g-index

272
all docs

272
docs citations

272
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot and humid climate: prospect for thermal comfort in residential building. <i>Desalination</i> , 2007, 209, 261-268.	8.2	89
2	Applications of artificial neural network on signal processing of optical fibre pH sensor based on bromophenol blue doped with sol-gel film. <i>Sensors and Actuators B: Chemical</i> , 2003, 90, 182-188.	7.8	70
3	Extending the response range of an optical fibre pH sensor using an artificial neural network. <i>Analytica Chimica Acta</i> , 1996, 330, 31-40.	5.4	68
4	Extending the range of a fibre-optic relative-humidity sensor. <i>Sensors and Actuators B: Chemical</i> , 1997, 39, 272-276.	7.8	59
5	A novel dengue fever (DF) and dengue haemorrhagic fever (DHF) analysis using artificial neural network (ANN). <i>Computer Methods and Programs in Biomedicine</i> , 2005, 79, 273-281.	4.7	54
6	Optimisation of the range of an optical fibre pH sensor using feed-forward artificial neural network. <i>Sensors and Actuators B: Chemical</i> , 2003, 90, 175-181.	7.8	46
7	Adaptive Neuro-Fuzzy Inference System for diagnosis risk in dengue patients. <i>Expert Systems With Applications</i> , 2012, 39, 4483-4495.	7.6	43
8	Evaluation of human stress using EEG Power Spectrum. , 2010, , .		38
9	Characterization of hydroxypropylmethylcellulose films using microwave non-destructive testing technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 549-557.	2.8	32
10	A Novel Approach to Classify Risk in Dengue Hemorrhagic Fever (DHF) Using Bioelectrical Impedance Analysis (BIA). <i>IEEE Transactions on Instrumentation and Measurement</i> , 2005, 54, 237-244.	4.7	30
11	Classification of intelligence quotient via brainwave sub-band power ratio features and artificial neural network. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 50-59.	4.7	30
12	A noninvasive intelligent approach for predicting the risk in dengue patients. <i>Expert Systems With Applications</i> , 2010, 37, 2175-2181.	7.6	27
13	Multichannel calibration technique for optical-fibre chemical sensor using artificial neural network. <i>Sensors and Actuators B: Chemical</i> , 1997, 39, 365-370.	7.8	26
14	EEG-based Stress Features Using Spectral Centroids Technique and k-Nearest Neighbor Classifier. , 2011, , .		26
15	Learners' Learning Style Classification related to IQ and Stress based on EEG. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 29, 1061-1070.	0.5	26
16	Non-invasive diagnosis of risk in dengue patients using bioelectrical impedance analysis and artificial neural network. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 1141-1148.	2.8	25
17	IQ Index using Alpha-Beta correlation of EEG power spectrum density (PSD). , 2010, , .		25
18	Modeling of hemoglobin in dengue fever and dengue hemorrhagic fever using bioelectrical impedance. <i>Physiological Measurement</i> , 2004, 25, 607-615.	2.1	24

#	ARTICLE	IF	CITATIONS
19	VGG16 for Plant Image Classification with Transfer Learning and Data Augmentation. International Journal of Engineering and Technology(UAE), 2018, 7, 90.	0.3	23
20	Comparison between KNN and ANN Classification in Brain Balancing Application via Spectrogram Image. Journal of Computer Science & Computational Mathematics, 2012, 2, 17-22.	0.2	21
21	Nonlinear system identification for a Dc motor using NARMAX approach. , 0, , .		18
22	Essential oil composition of Kaffir lime: Comparative analysis between controlled steam distillation and hydrodistillation extraction process. , 2009, , .		18
23	Stress features identification from EEG signals using EEG Asymmetry & Spectral Centroids techniques. , 2010, , .		18
24	EEG Analysis for Brainwave Balancing Index (BBI). , 2010, , .		18
25	Brainwaves stress pattern based on perceived stress scale test. , 2015, , .		18
26	A low cost nephelometric turbidity sensor for continual domestic water quality monitoring system. , 2016, , .		18
27	Modeling of dynamic response of essential oil extraction process. , 2009, , .		17
28	Initial investigation of brainwave synchronization after five sessions of Horizontal Rotation intervention using EEG. , 2009, , .		17
29	Microwave modified non-crosslinked pectin films with modulated drug release. Pharmaceutical Development and Technology, 2012, 17, 110-117.	2.4	17
30	Modeling and comparative study of PID Ziegler Nichols (ZN) and Cohen-Coon (CC) tuning method for Multi-tube aluminum sulphate water filter (MTAS). , 2017, , .		17
31	A Study on RGB Color Extraction of Psoriasis Lesion using Principle Component Analysis (PCA). , 2006, , .		16
32	Neural network diagnostic system for dengue patients risk classification. Journal of Medical Systems, 2012, 36, 661-676.	3.6	16
33	A review on agarwood and its quality determination. , 2015, , .		16
34	Feature Extraction of EEG Signals and Classification Using FCM. , 2011, , .		15
35	Development of EEG-based stress index. , 2012, , .		15
36	Modeling of steam distillation pot with ARX model. , 2012, , .		15

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37	A Review Study of Agarwood Oil and Its Quality Analysis. Jurnal Teknologi (Sciences and Engineering), 2014, 68, .	0.4	14
38	A novel salicylic acid optical fibre probe fabrication. Sensors and Actuators B: Chemical, 2005, 107, 59-63.	7.8	13
39	Particle Swarm Optimization for NARX structure selection — Application on DC motor model. , 2010, , .		13
40	Classification of Agarwood grades using ANN. , 2011, , .		13
41	The Analysis of EEG Spectrogram Image for Brainwave Balancing Application Using ANN. , 2011, , .		13
42	Accurate Zirconium Detection at Visible Wavelength Using Artificial Neural Network. Analytical Letters, 2005, 38, 1305-1316.	1.8	12
43	Instrument system setup for human radiation waves measurement. , 2009, , .		12
44	Reexamination of risk criteria in dengue patients using the self-organizing map. Medical and Biological Engineering and Computing, 2010, 48, 293-301.	2.8	12
45	Classification of Agarwood region using ANN. , 2010, , .		12
46	The Effects of Mobile Phone Usage on Human Brainwave Using EEG. , 2011, , .		12
47	Classification of Heart Sounds Using a Multilayer Feed-Forward Neural Network. , 0, , .		11
48	Evaluation of RBF and MLP in SVM kernel tuned parameters for agarwood oil quality classification. , 2018, , .		11
49	A new solid state instrument for optical toxic metal ions sensing. Sensors and Actuators A: Physical, 1999, 76, 183-190.	4.1	10
50	Selection of training data for modeling essential oil extraction system using NNARX structure. , 2007, , .		10
51	Investigation of frequency radiations of the human body. , 2010, , .		10
52	Classification of learning style based on Kolb's Learning Style Inventory and EEG using cluster analysis approach. , 2010, , .		10
53	Effect of swarm size parameter on Binary Particle Swarm optimization-based NARX structure selection. , 2012, , .		10
54	Assessment of NNARX structure as a global model for self-refilling steam distillation essential oil extraction system. , 2008, , .		9

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55	Analysis of correlation between BMI and human physical condition using resonant field imaging system (RFI). , 2008, , .		9
56	EEG pattern of smokers for Theta, Alpha and Beta band frequencies. , 2010, , .		9
57	Initial investigation on alpha asymmetry during listening to therapy music. , 2010, , .		9
58	Steam temperature control using fuzzy logic for steam distillation essential oil extraction process. , 2011, , .		9
59	Investigation of oil palm ash microwave absorber for broadband application. , 2012, , .		9
60	Analysis of Agarwood oil (Aquilaria Malaccensis) based on GC-MS data. , 2012, , .		9
61	Classification of the quality of agarwood oils from Malaysia using Z-score technique. , 2013, , .		9
62	Analysis of weight decay regularisation in NNARX nonlinear identification. , 2009, , .		8
63	Initial investigation of human physical stress level using brainwaves. , 2009, , .		8
64	The relationship of alpha waves and theta waves in EEG during relaxation and IQ test. , 2010, , .		8
65	System identification of essential oil extraction system using Non-Linear Autoregressive Model with Exogenous Inputs (NARX). , 2010, , .		8
66	Heat exchanger modeling using NARX model with binary PSO-based structure selection method. , 2010, , .		8
67	Development of Brainwave Balancing Index Using EEG. , 2011, , .		8
68	ARX modeling for down-flowing steam distillation system. , 2012, , .		8
69	Online tuning PID using fuzzy logic controller with self-tuning method. , 2013, , .		8
70	EEG spectrogram classification employing ANN for IQ application. , 2013, , .		8
71	Steam temperature control of hydro-diffusion essential oil extraction system using hybrid-fuzzy plus PID controller. , 2014, , .		8
72	Performance of multi-step-ahead-prediction ARX for steam temperature in a self-refilling distillation essential oil extraction system. , 2007, , .		7

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73	Analysis of significant factors for dengue infection prognosis using the self organizing map. , 2008, 2008, 5140-3.		7
74	GLCM texture classification for EEG spectrogram image. , 2010, , .		7
75	A modified algorithm for species specific motif discovery. , 2010, , .		7
76	Adaptive filter based on NARX model for recorded audio noise removal. , 2010, , .		7
77	The preliminary study on the effect of nasyid music and rock music on brainwave signal using EEG. , 2010, , .		7
78	Major Volatile Chemical Compounds of Agarwood Oils from Malaysia Based on Z-Score Technique. Chemistry of Natural Compounds, 2015, 51, 776-779.	0.8	7
79	A study on the DC motor speed control by using back-EMF voltage. , 0, , .		6
80	Black Box Modeling Of Steam Temperature. , 2006, , .		6
81	Microwave non-destructive testing technique for characterization of HPMC-PEG 3000 films. International Journal of Pharmaceutics, 2007, 343, 122-130.	5.2	6
82	EEG brainwave pattern for smoking behaviour after Horizontal Rotation treatment. , 2009, , .		6
83	Black Box Modeling of Steam Distillation Essential Oil Extraction System Using NNARX Structure. , 2009, , .		6
84	GLCM texture feature reduction for EEG spectrogram image using PCA. , 2010, , .		6
85	Assessment of Brainwave Asymmetry and Hemisphere Dominance Due to RF Radiation. , 2012, , .		6
86	Real time PID control for hydro-diffusion steam distillation essential oil extraction system using Gradient Descent tuning method. , 2012, , .		6
87	The effect of varying inertia weight on Particle Swarm Optimization (PSO) algorithm in optimizing PID controller of temperature control system. , 2012, , .		6
88	Agarwood classification: A Case-Based Reasoning approach based on E-nose. , 2012, , .		6
89	The grading of agarwood oil quality using k-Nearest Neighbor (k-NN). , 2013, , .		6
90	Application of ANN in agarwood oil grade classification. , 2014, , .		6

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91	Polynomial tuned Kernel Parameter in SVM of Agarwood Oil for Quality Classification. , 2018, , .		6
92	Investigating Effects of Pre-Processing Variation on Time-Varying Steam Temperature of Distillation Column. , 2019, , .		6
93	Assessment of haematocrit status using bioelectrical impedance analysis in dengue patients. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 277-281.	0.4	5
94	Application of Artificial Neural Network on Optical Method for Salicylic Acid Determination by Using Copper#. Analytical Letters, 2005, 38, 881-891.	1.8	5
95	Application of Optical Fiber Bragg Grating Sensor for Structure Monitoring. Materials Science Forum, 2006, 517, 202-206.	0.3	5
96	Black box modeling of steam distillation essential oil extraction system using ARMAX structure. , 2007, , .		5
97	Model order selection criterion for monitoring haemoglobin status in dengue patients using ARX model. , 2008, , .		5
98	Application of Fuzzy Logic Controller for glycerin bleaching process. , 2009, , .		5
99	Selected Malaysia stock predictions using artificial neural network. , 2009, , .		5
100	Analysis of brainwave dominant after horizontal rotation (HR) intervention using EEG for Theta and Delta frequency bands. , 2009, , .		5
101	Model Predictive Control using ARX model for steam distillation essential oil extraction system. , 2010, , .		5
102	Measurement of pyramidal microwave absorbers using RCS methods. , 2010, , .		5
103	Model Reference Adaptive Controller to regulate steam temperature in distillation process for essential oil extraction. , 2011, , .		5
104	Comparison between the Left and the Right Brainwaves for Delta and Theta Frequency Band after Horizontal Rotation Intervention. , 2011, , .		5
105	High Frequency Brainwaves Comparison Due to Mobile Phone Radiofrequency Emission. , 2012, , .		5
106	Analysis of image quality based on dentists' perception cognitive analysis and statistical measurements of intra-oral dental radiographs. , 2012, , .		5
107	Brainwave Classification for Acute Ischemic Stroke Group Level Using k-NN Technique. , 2014, , .		5
108	Characteristic Evaluation of Multiple Layers Microwave Absorber Coated with Biomass Composite. Applied Mechanics and Materials, 0, 850, 88-92.	0.2	5

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109	Dengue fever (DF) and dengue haemorrhagic fever (DHF) symptoms analysis from an expert system perspective. , 0, , .		4
110	An Optimization of Optical Fiber Salicylic Acid Sensor Using Artificial Neural Network. Analytical Letters, 2005, 38, 35-44.	1.8	4
111	Analysis of Water Compartment in Dengue Patients. , 2005, 2005, 4130-3.		4
112	The effect of sharp contrast-limited adaptive histogram equalization (SCLAHE) on Intra-oral dental radiograph images. , 2010, , .		4
113	Self tuning PID controller for steam distillation essential oil extraction system. , 2010, , .		4
114	EEG analysis of frontal hemispheric asymmetry for learning styles. , 2011, , .		4
115	Investigation of ARX model on partial input-output data in heating process. , 2011, , .		4
116	Implementation of Cluster analysis for Learning Style classification using brain Asymmetry. , 2011, , .		4
117	Diagnosis of heart diseases using nonlinear ARX model. , 2011, , .		4
118	Intelligent System for Assessing Human Stress Using EEG Signals and Psychoanalysis Tests. , 2011, , .		4
119	Steam temperature control for steam distillation pot using model predictive control. , 2012, , .		4
120	Essential oil extraction with automated steam distillation: FMRLC for steam temperature regulation. , 2012, , .		4
121	A simulation study of Model Reference Adaptive Control on temperature control of glycerin bleaching process. , 2013, , .		4
122	Variations of Adaptive Histogram Equalization (AHE) analysis on intra-oral dental radiograph. , 2015, , .		4
123	Identification of significant compounds of agarwood incense smoke different qualities using Z-Score. , 2015, , .		4
124	Nonlinear Modelling for Steam Temperature of Distillation Column: A Comparison between PRBS and MPRS Perturbation Signals. , 2018, , .		4
125	Statistical Analysis of Agarwood Oil Compounds based on GC-MS Data. , 2018, , .		4
126	Radial Basis Function (RBF) tuned Kernel Parameter of Agarwood Oil Compound for Quality Classification using Support Vector Machine (SVM). , 2018, , .		4

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127	Statistical Learning BSVM Model to the Problem of Agarwood Oil Quality Categorization. , 2018, , .		4
128	A visual record of medical skin disease imaging using MATLAB tools. , 0, , .		3
129	Performance of digital RGB reflectance color extraction for plaque lesion. , 2005, , .		3
130	Usage of Artificial Neural Network (Back Propagation) in Optimising Salicylic Acid Determination with Ferric(III) Nitrate. Analytical Letters, 2006, 39, 221-229.	1.8	3
131	An improved event selection technique in a modified PSO algorithm to solve class scheduling problems. , 2009, , .		3
132	Model Predictive Control for steam distillation essential oil extraction process. , 2009, , .		3
133	Design of portable mini anechoic chamber using low cost composite absorber. , 2009, , .		3
134	The deployment of end-to-end available bandwidth estimation mechanism in web-based application. , 2010, , .		3
135	Characteristic of steam distillation pot with induction heating system based on step test response. , 2011, , .		3
136	MOdeling Of Steam Distillation System Using Hammerstein-Wiener model. , 2011, , .		3
137	Identification of DC motor drive system model using Radial Basis Function (RBF) Neural Network. , 2011, , .		3
138	EEG theta and Alpha asymmetry analysis of neuroticism-bound Learning Style. , 2011, , .		3
139	Electroencephalogram-Based Stress Index. Journal of Medical Imaging and Health Informatics, 2012, 2, 327-335.	0.3	3
140	Microwave Absorber Coating Material Using Oil Palm Ash. Advanced Materials Research, 0, 512-515, 1941-1944.	0.3	3
141	Classification of frontal alpha asymmetry using k-Nearest Neighbor. , 2012, , .		3
142	Determination of Vigilance-bound Learning Style based on EEG. , 2012, , .		3
143	Green microwave radiation absorbing paint. , 2012, , .		3
144	Investigation of common compounds in high grade and low grade Aquilaria Malaccensis using correlation analysis. , 2012, , .		3

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145	Leakage effects on the variables of Water Distribution System. , 2013, , .		3
146	Performance study of preliminary mini anechoic chamber fitted with coconut shell coated absorbers. , 2013, , .		3
147	Review on significant parameters in water quality and the related artificial intelligent applications. , 2015, , .		3
148	Performance measure of the multi-class classification for the EEG calmness categorization study. , 2015, , .		3
149	Observation on SPME different headspace fiber coupled with GC-MS in extracting high quality agarwood chipwood. , 2016, , .		3
150	A review on nonlinear modeling for steam distillation system and its significance. , 2016, , .		3
151	Learning Style Classification via EEG Sub-band Spectral Centroid Frequency Features. International Journal of Electrical and Computer Engineering, 2014, 4, .	0.7	3
152	Processing the signals from an optical fibre pH sensor by using an artificial neural network. , 0, , .		2
153	Color space for psoriasis skin diseases analysis. , 0, , .		2
154	Normalization Techniques for Psoriasis Skin Lesion Analysis. , 0, , .		2
155	Fabrication and Characterization of Novel Salicylic Acid Sensors Using Different Reagents (Ferric and Tj ETQq1 1 0,784314 rgBT /Overle 1.8 2		2
156	A novel prediction system in dengue fever using NARMAX model. , 2007, , .		2
157	System identification for essential oil extraction system: An overview. , 2009, , .		2
158	Analysis of correlation between body mass index (BMI) and brain wave using EEG for Alpha and Beta frequency band. , 2009, , .		2
159	Fuzzy Logic controller for glycerin bleaching temperature control. , 2010, , .		2
160	Self Tuning Fuzzy Logic controller with Smith structure for controlling glycerin bleaching temperature. , 2010, , .		2
161	Application of Fuzzy PD controller with Smith Predictor for glycerin bleaching temperature control. , 2010, , .		2
162	Initial investigation of the Alpha and Beta bands for smokers using EEG. , 2010, , .		2

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163	Characterization of down-flowing steam distillation system using step test analysis. , 2011, , .		2
164	Theta, Alpha and Beta Band frequencies of different nicotine dependency level among smokers. , 2011, , .		2
165	Recurrent adaptive neuro-fuzzy inference system for steam temperature estimation in distillation of essential oil extraction process. , 2011, , .		2
166	Gender classification using ANN based on human radiation frequencies. , 2012, , .		2
167	Implementation of real -time steam temperature control for high efficient induction- based extraction essential oil using hybrid fuzzy-PD plus PID controller. , 2012, , .		2
168	Implementation of hybrid fuzzy plus PID controller in real time steam temperature control. , 2013, , .		2
169	Implementation of anti windup scheme on PID controller for regulating temperature of glycerin bleaching process. , 2013, , .		2
170	MAP: The new clustering algorithm based on multitier network topology to prolong the lifetime of wireless sensor network. , 2014, , .		2
171	Improvement study of the reflectivity for hollow pyramidal shape absorbers. , 2014, , .		2
172	Initial result of body earthing on student stress performance. , 2015, , .		2
173	The self-tuning fuzzy PID to regulate the steam temperature in real-time process. , 2015, , .		2
174	EEG SUB-BAND SPECTRAL CENTROID FREQUENCY AND AMPLITUDE RATIO FEATURES: A COMPARATIVE STUDY IN LEARNING STYLE CLASSIFICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
175	Analysis between Escherichia Coli growth and physical parameters in water using Pearson correlation. , 2016, , .		2
176	Direct Thermal Desorption (DTD) extraction for different qualities of agarwood incense analysis. , 2016, , .		2
177	Slot Radial Array Design on Hollow Pyramidal Microwave Absorber. Applied Mechanics and Materials, 0, 850, 77-81.	0.2	2
178	Analysis of distance metric variations in KNN for agarwood oil compounds differentiation. , 2017, , .		2
179	Alpha and Beta Sub-waves Patterns when Evoked by External Stressor and Entrained by Binaural Beats Tone. , 2019, , .		2
180	REAL TIME STEAM TEMPERATURE REGULATION USING SELF-TUNING FUZZY PID CONTROLLER ON HYDRO-DIFFUSION ESSENTIAL OIL EXTRACTION SYSTEM. International Journal on Smart Sensing and Intelligent Systems, 2013, 6, 2055-2074.	0.7	2

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181	Cutaneous microcirculatory flowmetry evaluated by laser doppler technique in dengue hemorrhage fever patients. , 0, , .		1
182	Electrochemical Sensor for the Lead Determination: Development and Characterisation. , 0, , .		1
183	Use of Microwave Nondestructive Testing (NDT) Technique to Characterize the Film for Applications in Transdermal Drug Delivery System. , 0, , .		1
184	Monitoring haemoglobin status in dengue patients using ARMAX model. , 2008, , .		1
185	Predicting drug contents of hydroxypropylmethylcellulose films using Artificial Neural Network. , 2009, , .		1
186	Initial experimental EEG signal topography. , 2009, , .		1
187	Assignments acceptance strategy in a Modified PSO Algorithm to elevate local optima in solving class scheduling problems. , 2010, , .		1
188	Noise variation test for ARX model of a heating process in essential oil extraction plant. , 2010, , .		1
189	Studies of potential carbon coating for high frequency microwave absorber. , 2010, , .		1
190	Neural network based model reference adaptive control (NMRAC) for steam temperature regulation in steam distillation process. , 2011, , .		1
191	Models for heating process — A review. , 2011, , .		1
192	Using pulse oximetry method as a non invasive indicator of blood perfusion in neonates. , 2011, , .		1
193	A study of frequency radiation of human torso for gender classification. , 2012, , .		1
194	MySQL database lookup table for Binary Particle Swarm optimization-based system identification. , 2012, , .		1
195	PRBS perturbation and modeling of hydro-diffusion steam distillation essential oil extraction system under feed-in disturbance. , 2012, , .		1
196	Available Bandwidth Estimation in Network-Aware Applications for Wireless Campus e-Learning System. Journal of Computer Networks and Communications, 2012, 2012, 1-9.	1.6	1
197	Analysis of chemical compounds of agarwood oil based on headspace-solid phase microextraction combined with gas chromatography mass-spectrometry. , 2013, , .		1
198	Classification of psychophysiological conditions using k-Nearest Neighbour. , 2013, , .		1

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199	Cross-section absorption properties for broadband microwave. , 2013, , .		1
200	Knee-FES-Ergometer for Paretic Knee Swinging Exercise: Tuning of PID Controller Using PSO. Applied Mechanics and Materials, 0, 598, 595-601.	0.2	1
201	Implementation of PID Controller with PSO Tuning for FES-Assisted Exercise. Applied Mechanics and Materials, 0, 598, 516-523.	0.2	1
202	Industry-relevant content embedment for the electronics engineering curriculum: A case study. , 2014, , .		1
203	The Combinations of Selected Parameters to Prolong the Network Lifetime for Cluster Head Selection in Wireless Sensor Network. , 2014, , .		1
204	Control of FES-Assisted Elliptical Stepping Exercise Using Fuzzy Logic Controller. Applied Mechanics and Materials, 2014, 598, 510-515.	0.2	1
205	Model reference adaptive control (MRAC) without integral for glycerin bleaching process. , 2014, , .		1
206	Analysing the dynamic behaviour of hydro-diffusion system using step test. , 2015, , .		1
207	Moment of inertia of a DC motor as significant factor on the performance of PSO algorithm utilizing WTRI based fitness function. , 2016, , .		1
208	Fuzzy logic for cluster head selection in wireless sensor network. AIP Conference Proceedings, 2016, , .	0.4	1
209	The functionality validation of PSO algorithm in optimizing PID controller's parameters using multi-dimensional test functions. , 2016, , .		1
210	Preliminary study of palm oil biomass cement based microwave absorber. , 2016, , .		1
211	Slotted triangle on hollow pyramidal microwave absorber characteristics. , 2016, , .		1
212	Application of subjective objective image enhancement (SOIE) framework on dental images. , 2017, , .		1
213	Radiation Cross Section Characteristics for Isosceles Slotted Triangle on Hollow Pyramidal Absorber. , 2018, , .		1
214	Characterization of Perceptual Ability Based on Resting EEG. , 2019, , .		1
215	Characterisation of Perception Rating for Distinct Age Range via EEG Power Ratio Features. , 2019, , .		1
216	Parallel Laplacian Edge Detection Performance Analysis on Green Cluster Architecture. Communications in Computer and Information Science, 2011, , 308-316.	0.5	1

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217	The Performance of Compound Enhancement Algorithm on Abnormality Detection Analysis of Intra-oral Dental Radiograph Images. Communications in Computer and Information Science, 2011, , 556-566.	0.5	1
218	Performance Comparison of Perturbation Signals for Time-Varying Water Temperature Modeling Using NARX-Based BPSO. Lecture Notes in Electrical Engineering, 2019, , 239-255.	0.4	1
219	Determination of Agarwood oil's significant chemical compounds using principal component analysis. AIP Conference Proceedings, 2020, , .	0.4	1
220	Quadratic tuned kernel parameter in Non-linear support vector machine (SVM) for agarwood oil compounds quality classification. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1371.	0.8	1
221	Safety and performance compliance test of an infant incubator. , 0, , .		0
222	Extending the dynamic range of capsaicin concentration in free solution using an artificial neural network. , 0, , .		0
223	The capacity of papaya trees to absorb radio frequency waves. , 0, , .		0
224	Stepper motor pid and fuzzy logic controller with tachogenerator feedback. , 0, , .		0
225	Thermal diffusivity measurement and simulation modeling for building walls. , 0, , .		0
226	Fabrication, Characterisation and Optimisation of Novel Salicylic Acid Sensors Using Different Reagents and Artificial Neural Network. , 0, , .		0
227	Analysis of Mass Distribution in Dengue Patients Using Bioelectrical Impedance. , 0, , .		0
228	Analysis of the CPU utilization for point-to-point communication operations in a Beowulf cluster system. , 2008, , .		0
229	Interfacing system development for glycerin bleaching process. , 2009, , .		0
230	Estimation of nonlinear ARX model for steam distillation process by wavenet estimator. , 2009, , .		0
231	The Effects of Room Slot Address (RSA) Selection Technique in a Modified PSO Algorithm to Solve Class Scheduling Problems. , 2010, , .		0
232	The effects of event selection based on soft constraint violation (ESSCV) in a modified PSO algorithm to solve class scheduling problems. , 2010, , .		0
233	Nonlinear ARX modeling of heart diseases based on heart sounds. , 2011, , .		0
234	The qualitative and quantitative evaluation of enhanced dental radiographs. , 2011, , .		0

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235	Device Characteristics and Capabilities Discovery for Multimedia Content. Journal of Computer Networks and Communications, 2012, 2012, 1-15.	1.6	0
236	Energy efficient of WSN using two parameters selection. , 2013, , .		0
237	Utilizing contrast enhancement algorithms (CEAs) in identification of dental abnormalities. , 2013, , .		0
238	Statistical analysis of balanced brain and IQ applications. , 2013, , .		0
239	A dynamic approach for device characteristics based on string matching technique. , 2014, , .		0
240	Design and implementation of fuzzy logic controller for induction based steam distillation system. , 2014, , .		0
241	Application of hybrid fuzzy plus PID for steam temperature control in hydro-diffusion essential oil extraction system. , 2014, , .		0
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