Mohd Nasir Taib

List of Publications by Year
in descending order

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	Absorption performance of biomass hollow pyramidal microwave absorber using multi-slot array technique. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 26, 895.	0.8	0
2	System Identification Makes Sense of Complex Measurements. , 2021, , .		0
3	Statistical Analysis of Citronella Oils Species From Malaysia. , 2020, , .		0
4	Preliminary Study on Classification of Cymbopogon Nardus Essential Oil using Support Vector Machine (SVM). , 2020, , .		0
5	Determination of Agarwood oil's significant chemical compounds using principal component analysis. AIP Conference Proceedings, 2020, , .	0.4	1
6	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
7	Characterization of Perceptual Ability Based on Resting EEG. , 2019, , .		1
8	Modelling of Cymbopogon Oils Species Using k-Nearest Neighbours (k-NN). , 2019, , .		0
9	Investigating Effects of Pre-Processing Variation on Time-Varying Steam Temperature of Distillation Column. , 2019, , .		6
10	Characterisation of Perception Rating for Distinct Age Range via EEG Power Ratio Features. , 2019, , .		1
11	Alpha and Beta Sub-waves Patterns when Evoked by External Stressor and Entrained by Binaural Beats Tone. , 2019, , .		2
12	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
13	IQ level prediction and cross-relational analysis with perceptual ability using EEG-based SVM classification model. IAES International Journal of Artificial Intelligence, 2019, 8, 436.	0.8	0
14	Nonlinear Modelling for Steam Temperature of Distillation Column: A Comparison between PRBS and MPRS Perturbation Signals. , 2018, , .		4
15	Statistical Analysis of Agarwood Oil Compounds based on GC-MS Data. , 2018, , .		4
16	Radial Basis Function (RBF) tuned Kernel Parameter of Agarwood Oil Compound for Quality Classification using Support Vector Machine (SVM). , 2018, , .		4
17	Statistical Learning BSVM Model to the Problem of Agarwood Oil Quality Categorization. , 2018, , .		4
18	Radiation Cross Section Characteristics for Isosceles Slotted Triangle on Hollow Pyramidal Absorber. , 2018, , .		1

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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	Polynomial tuned Kernel Parameter in SVM of Agarwood Oil for Quality Classification. , 2018, , .		6
21	Evaluation of RBF and MLP in SVM kernel tuned parameters for agarwood oil quality classification. , 2018, , .		11
22	Effective Sampling-Based Assessment Method for Evaluating Electrical Engineering Programme Performance. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 9, 417.	0.8	0
23	Video Adaptation Algorithm for Mobile Learning Environment. Advanced Science Letters, 2018, 24, 1502-1508.	0.2	0
24	Subjective-Objective Matching Evaluation Approach for Enhanced Dental Images. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 239.	0.8	0
25	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
26	Analysis of distance metric variations in KNN for agarwood oil compounds differentiation. , 2017, , .		2
27	Characteristic of biomass percentage in cement brick composites microwave absorber. , 2017, , .		0
28	Application of subjective objective image enhancement (SOIE) framework on dental images. , 2017, , .		1
29	Preliminary study on absorption rate of truncated wedge biomass microwave durian absorber. , 2017, , .		0
30	Robust Adaptive Control for Temperature Regulation of Glycerin Bleaching Process. Advanced Science Letters, 2017, 23, 5515-5518.	0.2	0
31	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
32	Analysis between Escherichia Coli growth and physical parameters in water using Pearson correlation. , 2016, , .		2
33	The significance of prioritized weight in WTRI based fitness function on PSO algorithm under different range of moment of inertia of a DC motor. , 2016, , .		0
34	Moment of inertia of a DC motor as significant factor on the performance of PSO algorithm utilizing WTRI based fitness function. , 2016, , .		1
35	Analysis on agarwood vapour using headspace volatile DVB-CAR-PDMS SPME with different sampling time. , 2016, , .		0
36	Hybrid fuzzy plus PID controller of hydro-diffusion steam distillation essential oil extraction system: Design and performance evaluation. AIP Conference Proceedings, 2016, , .	0.4	0

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37	Characterization of aluminium sulphate for control applications. , 2016, , .		0
38	Fuzzy logic for cluster head selection in wireless sensor network. AIP Conference Proceedings, 2016, , .	0.4	1
39	Sharpening based image enhancement algorithms in reducing the disagreement of medical images subjective evaluation. , 2016, , .		0
40	A low cost nephelometric turbidity sensor for continual domestic water quality monitoring system. , 2016, , .		18
41	Observation on SPME different headspace fiber coupled with GC-MS in extracting high quality agarwood chipwood. , 2016, , .		3
42	The functionality validation of PSO algorithm in optimizing PID controller's parameters using multi-dimensional test functions. , 2016, , .		1
43	Direct Thermal Desorption (DTD) extraction for different qualities of agarwood incense analysis. , 2016, , .		2
44	A review on nonlinear modeling for steam distillation system and its significance. , 2016, , .		3
45	Preliminary study of palm oil biomass cement based microwave absorber. , 2016, , .		1
46	Slotted triangle on hollow pyramidal microwave absorber characteristics. , 2016, , .		1
47	Multilayer Performance of Green Biomass Coated Pyramidal Hollow Microwave Absorber. Lecture Notes in Electrical Engineering, 2016, , 1175-1185.	0.4	0
48	A review on agarwood and its quality determination. , 2015, , .		16
49	Initial result of body earthing on student stress performance. , 2015, , .		2
50	Analysing the dynamic behaviour of hydro-diffusion system using step test. , 2015, , .		1
51	The self-tuning fuzzy PID to regulate the steam temperature in real-time process. , 2015, , .		2
52	Brainwaves stress pattern based on perceived stress scale test. , 2015, , .		18
53	Review on significant parameters in water quality and the related artificial intelligent applications. , 2015, , .		3
54	Energy source saving approach using multi-tier network design technique. , 2015, , .		0

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55	Variations of Adaptive Histogram Equalization (AHE) analysis on intra-oral dental radiograph. , 2015, , .		4
56	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
57	A discrete model reference adaptive control for temperature tracking in steam distillation process. , 2015, , .		0
58	Performance measure of the multi-class classification for the EEG calmness categorization study. , 2015, , .		3
59	Identification of significant compounds of agarwood incense smoke different qualities using Z-Score. , 2015, , .		4
60	IQ Classification via Brainwave Features: Review on Artificial Intelligence Techniques. International Journal of Electrical and Computer Engineering, 2015, 5, 84.	0.7	0
61	Establishment of EEG Index Related to Calmness. Advanced Science, Engineering and Medicine, 2015, 7, 877-881.	0.3	0
62	A Review Study of Agarwood Oil and Its Quality Analysis. Jurnal Teknologi (Sciences and Engineering), 2014, 68, .	0.4	14
63	Industry-relevant content embedment for the electronics engineering curriculum: A case study. , 2014, , .		1
64	The Combinations of Selected Parameters to Prolong the Network Lifetime for Cluster Head Selection in Wireless Sensor Network. , 2014, , .		1
65	A dynamic approach for device characteristics based on string matching technique. , 2014, , .		0
66	Steam temperature control of hydro-diffusion essential oil extraction system using hybrid-fuzzy plus PID controller. , 2014, , .		8
67	Control of FES-Assisted Elliptical Stepping Exercise Using Fuzzy Logic Controller. Applied Mechanics and Materials, 2014, 598, 510-515.	0.2	1
68	Model reference adaptive control (MRAC) without integral for glycerin bleaching process. , 2014, , .		1
69	MAP: The new clustering algorithm based on multitier network topology to prolong the lifetime of wireless sensor network. , 2014, , .		2
70	Design and implementation of fuzzy logic controller for induction based steam distillation system. , 2014, , .		0
71	Application of hybrid fuzzy plus PID for steam temperature control in hydro-diffusion essential oil extraction system. , 2014, , .		0
72	Application of ANN in agarwood oil grade classification. , 2014, , .		6

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73	Classification of intelligence quotient via brainwave sub-band power ratio features and artificial neural network. Computer Methods and Programs in Biomedicine, 2014, 114, 50-59.	4.7	30
74	Improvement study of the reflectivity for hollow pyramidal shape absorbers. , 2014, , .		2
75	Brainwave Classification for Acute Ischemic Stroke Group Level Using k-NN Technique. , 2014, , .		5
76	Learning Style Classification via EEG Sub-band Spectral Centroid Frequency Features. International Journal of Electrical and Computer Engineering, 2014, 4, .	0.7	3
77	Analysis of chemical compounds of agarwood oil based on headspace-solid phase microextraction combined with gas chromatography mass-spectrometry. , 2013, , .		1
78	Online tuning PID using fuzzy logic controller with self-tuning method. , 2013, , .		8
79	Energy efficient of WSN using two parameters selection. , 2013, , .		0
80	The grading of agarwood oil quality using k-Nearest Neighbor (k-NN). , 2013, , .		6
81	Classification of psychophysiological conditions using k-Nearest Neighbour. , 2013, , .		1
82	Utilizing contrast enhancement algorithms (CEAs) in identification of dental abnormalities. , 2013, , .		0
83	Leakage effects on the variables of Water Distribution System. , 2013, , .		3
84	Classification of the quality of agarwood oils from Malaysia using Z-score technique. , 2013, , .		9
85	EEG spectrogram classification employing ANN for IQ application. , 2013, , .		8
86	Implementation of hybrid fuzzy plus PID controller in real time steam temperature control. , 2013, , .		2
87	Cross-section absorption properties for broadband microwave. , 2013, , .		1
88	Performance study of preliminary mini anechoic chamber fitted with coconut shell coated absorbers. , 2013, , .		3
89	Implementation of anti windup scheme on PID controller for regulating temperature of glycerin bleaching process. , 2013, , .		2
90	A simulation study of Model Reference Adaptive Control on temperature control of glycerin bleaching process. , 2013, , .		4

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91	Statistical analysis of balanced brain and IQ applications. , 2013, , .		0
92	Depression Diagnostic and Screening Tools Using Android OS Platform. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 388-397.	0.3	0
93	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
94	Electroencephalogram-Based Stress Index. Journal of Medical Imaging and Health Informatics, 2012, 2, 327-335.	0.3	3
95	A study of frequency radiation of human torso for gender classification. , 2012, , .		1
96	Effect of swarm size parameter on Binary Particle Swarm optimization-based NARX structure selection. , 2012, , .		10
97	Assessment of Brainwave Asymmetry and Hemisphere Dominance Due to RF Radiation. , 2012, , .		6
98	Steam temperature control for steam distillation pot using model predictive control. , 2012, , .		4
99	Real time PID control for hydro-diffusion steam distillation essential oil extraction system using Gradient Descent tuning method. , 2012, , .		6
100	Gender classification using ANN based on human radiation frequencies. , 2012, , .		2
101	MySQL database lookup table for Binary Particle Swarm optimization-based system identification. , 2012, , .		1
102	The effect of varying inertia weight on Particle Swarm Optimization (PSO) algorithm in optimizing PID controller of temperature control system. , 2012, , .		6
103	High Frequency Brainwaves Comparison Due to Mobile Phone Radiofrequency Emission. , 2012, , .		5
104	Agarwood classification: A Case-Based Reasoning approach based on E-nose. , 2012, , .		6
105	Implementation of real -time steam temperature control for high efficient induction- based extraction essential oil using hybrid fuzzy-PD plus PID controller. , 2012, , .		2
106	Classification of frontal alpha asymmetry using k-Nearest Neighbor. , 2012, , .		3
107	PRBS perturbation and modeling of hydro-diffusion steam distillation essential oil extraction system under feed-in disturbance. , 2012, , .		1
108	Determination of Vigilance-bound Learning Style based on EEG. , 2012, , .		3

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109	Development of EEG-based stress index. , 2012, , .		15
110	Essential oil extraction with automated steam distillation: FMRLC for steam temperature regulation. , 2012, , .		4
111	Investigation of oil palm ash microwave absorber for broadband application. , 2012, , .		9
112	Green microwave radiation absorbing paint. , 2012, , .		3
113	Investigation of common compounds in high grade and low grade Aquilaria Malaccensis using correlation analysis. , 2012, , .		3
114	Analysis of image quality based on dentists' perception cognitive analysis and statistical measurements of intra-oral dental radiographs. , 2012, , .		5
115	Microwave modified non-crosslinked pectin films with modulated drug release. Pharmaceutical Development and Technology, 2012, 17, 110-117.	2.4	17
116	Analysis of Agarwood oil (Aquilaria Malaccensis) based on GC-MS data. , 2012, , .		9
117	ARX modeling for down-flowing steam distillation system. , 2012, , .		8
118	Modeling of steam distillation pot with ARX model. , 2012, , .		15
119	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
120	Device Characteristics and Capabilities Discovery for Multimedia Content. Journal of Computer Networks and Communications, 2012, 2012, 1-15.	1.6	0
121	Neural network diagnostic system for dengue patients risk classification. Journal of Medical Systems, 2012, 36, 661-676.	3.6	16
122	Adaptive Neuro-Fuzzy Inference System for diagnosis risk in dengue patients. Expert Systems With Applications, 2012, 39, 4483-4495.	7.6	43
123	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
124	Neural network based model reference adaptive control (NMRAC) for steam temperature regulation in steam distillation process. , 2011, , .		1
125	Model Reference Adaptive Controller to regulate steam temperature in distillation process for essential oil extraction. , 2011, , .		5
126	Characterization of down-flowing steam distillation system using step test analysis. , 2011, , .		2

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127	Development of Brainwave Balancing Index Using EEG. , 2011, , .		8
128	Comparison between the Left and the Right Brainwaves for Delta and Theta Frequency Band after Horizontal Rotation Intervention. , 2011, , .		5
129	EEG analysis of frontal hemispheric asymmetry for learning styles. , 2011, , .		4
130	Nonlinear ARX modeling of heart diseases based on heart sounds. , 2011, , .		0
131	Investigation of ARX model on partial input-output data in heating process. , 2011, , .		4
132	Implementation of Cluster analysis for Learning Style classification using brain Asymmetry. , 2011, , .		4
133	Feature Extraction of EEG Signals and Classification Using FCM. , 2011, , .		15
134	EEG-based Stress Features Using Spectral Centroids Technique and k-Nearest Neighbor Classifier. , 2011, , .		26
135	Diagnosis of heart diseases using nonlinear ARX model. , 2011, , .		4
136	Classification of Agarwood grades using ANN. , 2011, , .		13
137	Characteristic of steam distillation pot with induction heating system based on step test response. , 2011, , .		3
138	Models for heating process &#x2014; A review. , 2011, , .		1
139	The Analysis of EEG Spectrogram Image for Brainwave Balancing Application Using ANN. , 2011, , .		13
140	MOdeling Of Steam Distillation System Using Hammerstein-Wiener model. , 2011, , .		3
141	Steam temperature control using fuzzy logic for steam distillation essential oil extraction process. , 2011, , .		9
142	Identification of DC motor drive system model using Radial Basis Function (RBF) Neural Network. , 2011, , .		3
143	Learnersâ€™ Learning Style Classification related to IQ and Stress based on EEG. Procedia, Social and Behavioral Sciences, 2011, 29, 1061-1070.	0.5	26
144	Using pulse oximetry method as a non invasive indicator of blood perfusion in neonates. , 2011, , .		1

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145	Intelligent System for Assessing Human Stress Using EEG Signals and Psychoanalysis Tests. , 2011, , .		4
146	Theta, Alpha and Beta Band frequencies of different nicotine dependency level among smokers. , 2011, , .		2
147	Recurrent adaptive neuro-fuzzy inference system for steam temperature estimation in distillation of essential oil extraction process. , 2011, , .		2
148	The Effects of Mobile Phone Usage on Human Brainwave Using EEG. , 2011, , .		12
149	The qualitative and quantitative evaluation of enhanced dental radiographs. , 2011, , .		0
150	EEG theta and Alpha asymmetry analysis of neuroticism-bound Learning Style. , 2011, , .		3
151	Parallel Laplacian Edge Detection Performance Analysis on Green Cluster Architecture. Communications in Computer and Information Science, 2011, , 308-316.	0.5	1
152	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
153	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
154	Non-invasive diagnosis of risk in dengue patients using bioelectrical impedance analysis and artificial neural network. Medical and Biological Engineering and Computing, 2010, 48, 1141-1148.	2.8	25
155	A noninvasive intelligent approach for predicting the risk in dengue patients. Expert Systems With Applications, 2010, 37, 2175-2181.	7.6	27
156	Investigation of frequency radiations of the human body. , 2010, , .		10
157	The relationship of alpha waves and theta waves in EEG during relaxation and IQ test. , 2010, , .		8
158	The deployment of end-to-end available bandwidth estimation mechanism in web-based application. , 2010, , .		3
159	Fuzzy Logic controller for glycerin bleaching temperature control. , 2010, , .		2
160	GLCM texture classification for EEG spectrogram image. , 2010, , .		7
161	A modified algorithm for species specific motif discovery. , 2010, , .		7
162	Stress features identification from EEG signals using EEG Asymmetry &amp; Spectral Centroids techniques. , 2010, , .		18

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163	Self Tuning Fuzzy Logic controller with Smith structure for controlling glycerin bleaching temperature. , 2010, , .		2
164	Application of Fuzzy PD controller with Smith Predictor for glycerin bleaching temperature control. , 2010, , .		2
165	Assignments acceptance strategy in a Modified PSO Algorithm to elevate local optima in solving class scheduling problems. , 2010, , .		1
166	Noise variation test for ARX model of a heating process in essential oil extraction plant. , 2010, , .		1
167	Model Predictive Control using ARX model for steam distillation essential oil extraction system. , 2010, , .		5
168	System identification of essential oil extraction system using Non-Linear Autoregressive Model with Exogenous Inputs (NARX). , 2010, , .		8
169	Adaptive filter based on NARX model for recorded audio noise removal. , 2010, , .		7
170	Measurement of pyramidal microwave absorbers using RCS methods. , 2010, , .		5
171	Evaluation of human stress using EEG Power Spectrum. , 2010, , .		38
172	EEG pattern of smokers for Theta, Alpha and Beta band frequencies. , 2010, , .		9
173	The effect of sharp contrast-limited adaptive histogram equalization (SCLAHE) on Intra-oral dental radiograph images. , 2010, , .		4
174	GLCM texture feature reduction for EEG spectrogram image using PCA. , 2010, , .		6
175	Heat exchanger modeling using NARX model with binary PSO-based structure selection method. , 2010, , .		8
176	The Effects of Room Slot Address (RSA) Selection Technique in a Modified PSO Algorithm to Solve Class Scheduling Problems. , 2010, , .		0
177	The effects of event selection based on soft constraint violation (ESSCV) in a modified PSO algorithm to solve class scheduling problems. , 2010, , .		0
178	EEG Analysis for Brainwave Balancing Index (BBI). , 2010, , .		18
179	Initial investigation of the Alpha and Beta bands for smokers using EEG. , 2010, , .		2
180	Initial investigation on alpha asymmetry during listening to therapy music. , 2010, , .		9

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181	Self tuning PID controller for steam distillation essential oil extraction system. , 2010, , .		4
182	The preliminary study on the effect of nasyid music and rock music on brainwave signal using EEG. , 2010, , .		7
183	Particle Swarm Optimization for NARX structure selection &#x2014; Application on DC motor model. , 2010, , .		13
184	Studies of potential carbon coating for high frequency microwave absorber. , 2010, , .		1
185	IQ Index using Alpha-Beta correlation of EEG power spectrum density (PSD). , 2010, , .		25
186	Classification of learning style based on Kolb's Learning Style Inventory and EEG using cluster analysis approach. , 2010, , .		10
187	Classification of Agarwood region using ANN. , 2010, , .		12
188	Interfacing system development for glycerin bleaching process. , 2009, , .		0
189	EEG brainwave pattern for smoking behaviour after Horizontal Rotation treatment. , 2009, , .		6
190	Application of Fuzzy Logic Controller for glycerin bleaching process. , 2009, , .		5
191	An improved event selection technique in a modified PSO algorithm to solve class scheduling problems. , 2009, , .		3
192	Model Predictive Control for steam distillation essential oil extraction process. , 2009, , .		3
193	Modeling of dynamic response of essential oil extraction process. , 2009, , .		17
194	System identification for essential oil extraction system: An overview. , 2009, , .		2
195	Black Box Modeling of Steam Distillation Essential Oil Extraction System Using NNARX Structure. , 2009, , .		6
196	Analysis of weight decay regularisation in NNARX nonlinear identification. , 2009, , .		8
197	Estimation of nonlinear ARX model for steam distillation process by wavenet estimator. , 2009, , .		0
198	Initial investigation of human physical stress level using brainwaves. , 2009, , .		8

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199	Predicting drug contents of hydroxypropylmethylcellulose films using Artificial Neural Network. , 2009, , .		1
200	Initial experimental EEG signal topography. , 2009, , .		1
201	Essential oil composition of Kaffir lime: Comparative analysis between controlled steam distillation and hydrodistillation extraction process. , 2009, , .		18
202	Analysis of correlation between body mass index (BMI) and brain wave using EEG for Alpha and Beta frequency band. , 2009, , .		2
203	Selected Malaysia stock predictions using artificial neural network. , 2009, , .		5
204	Initial investigation of brainwave synchronization after five sessions of Horizontal Rotation intervention using EEG. , 2009, , .		17
205	Analysis of brainwave dominant after horizontal rotation (HR) intervention using EEG for Theta and Delta frequency bands. , 2009, , .		5
206	Instrument system setup for human radiation waves measurement. , 2009, , .		12
207	Design of portable mini anechoic chamber using low cost composite absorber. , 2009, , .		3
208	Assessment of NNARX structure as a global model for self-refilling steam distillation essential oil extraction system. , 2008, , .		9
209	Monitoring haemoglobin status in dengue patients using ARMAX model. , 2008, , .		1
210	Model order selection criterion for monitoring haemoglobin status in dengue patients using ARX model. , 2008, , .		5
211	Analysis of correlation between BMI and human physical condition using resonant field imaging system (RFI). , 2008, , .		9
212	Analysis of the CPU utilization for point-to-point communication operations in a Beowulf cluster system. , 2008, , .		0
213	Analysis of significant factors for dengue infection prognosis using the self organizing map. , 2008, 2008, 5140-3.		7
214	Selection of training data for modeling essential oil extraction system using NNARX structure. , 2007, , .		10
215	Black box modeling of steam distillation essential oil extraction system using ARMAX structure. , 2007, , .		5
216	A novel prediction system in dengue fever using NARMAX model. , 2007, , .		2

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217	Performance of multi-step-ahead-prediction ARX for steam temperature in a self-refilling distillation essential oil extraction system. , 2007, , .		7
218	Hot and humid climate: prospect for thermal comfort in residential building. Desalination, 2007, 209, 261-268.	8.2	89
219	Microwave non-destructive testing technique for characterization of HPMC-PEG 3000 films. International Journal of Pharmaceutics, 2007, 343, 122-130.	5.2	6
220	Characterization of hydroxypropylmethylcellulose films using microwave non-destructive testing technique. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 549-557.	2.8	32
221	A Study on RGB Color Extraction of Psoriasis Lesion using Principle Component Analysis (PCA). , 2006, , .		16
222	Black Box Modeling Of Steam Temperature. , 2006, , .		6
223	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
224	Application of Optical Fiber Bragg Grating Sensor for Structure Monitoring. Materials Science Forum, 2006, 517, 202-206.	0.3	5
225	Fabrication and Characterization of Novel Salicylic Acid Sensors Using Different Reagents (Ferric and) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	2
226	Performance of digital RGB reflectance color extraction for plaque lesion. , 2005, , .		3
227	A novel salicylic acid optical fibre probe fabrication. Sensors and Actuators B: Chemical, 2005, 107, 59-63.	7.8	13
228	A Novel Approach to Classify Risk in Dengue Hemorrhagic Fever (DHF) Using Bioelectrical Impedance Analysis (BIA). IEEE Transactions on Instrumentation and Measurement, 2005, 54, 237-244.	4.7	30
229	An Optimization of Optical Fiber Salicylic Acid Sensor Using Artificial Neural Network. Analytical Letters, 2005, 38, 35-44.	1.8	4
230	Accurate Zirconium Detection at Visible Wavelength Using Artificial Neural Network. Analytical Letters, 2005, 38, 1305-1316.	1.8	12
231	Analysis of Water Compartment in Dengue Patients. , 2005, 2005, 4130-3.		4
232	A novel dengue fever (DF) and dengue haemorrhagic fever (DHF) analysis using artificial neural network (ANN). Computer Methods and Programs in Biomedicine, 2005, 79, 273-281.	4.7	54
233	Application of Artificial Neural Network on Optical Method for Salicylic Acid Determination by Using Copper#. Analytical Letters, 2005, 38, 881-891.	1.8	5
234	Modeling of hemoglobin in dengue fever and dengue hemorrhagic fever using bioelectrical impedance. Physiological Measurement, 2004, 25, 607-615.	2.1	24

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235	Optimisation of the range of an optical fibre pH sensor using feed-forward artificial neural network. Sensors and Actuators B: Chemical, 2003, 90, 175-181.	7.8	46
236	Applications of artificial neural network on signal processing of optical fibre pH sensor based on bromophenol blue doped with sol–gel film. Sensors and Actuators B: Chemical, 2003, 90, 182-188.	7.8	70
237	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
238	A new solid state instrument for optical toxic metal ions sensing. Sensors and Actuators A: Physical, 1999, 76, 183-190.	4.1	10
239	Extending the range of a fibre-optic relative-humidity sensor. Sensors and Actuators B: Chemical, 1997, 39, 272-276.	7.8	59
240	Multichannel calibration technique for optical-fibre chemical sensor using artificial neural network. Sensors and Actuators B: Chemical, 1997, 39, 365-370.	7.8	26
241	Extending the response range of an optical fibre pH sensor using an artificial neural network. Analytica Chimica Acta, 1996, 330, 31-40.	5.4	68
242	Dengue fever (DF) and dengue haemorrhagic fever (DHF) symptoms analysis from an expert system perspective. , 0, , .		4
243	Processing the signals from an optical fibre pH sensor by using an artificial neural network. , 0, , .		2
244	A visual record of medical skin disease imaging using MATLAB tools. , 0, , .		3
245	Safety and performance compliance test of an infant incubator. , 0, , .		0
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