

Babak N Araabi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4925146/publications.pdf>

Version: 2024-02-01

206
papers

3,189
citations

147566

31
h-index

223531

46
g-index

210
all docs

210
docs citations

210
times ranked

2823
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty analysis of developed ANN and ANFIS models in prediction of carbon monoxide daily concentration. <i>Atmospheric Environment</i> , 2010, 44, 476-482.	1.9	144
2	Deep Multitask Metric Learning for Offline Signature Verification. <i>Pattern Recognition Letters</i> , 2016, 80, 84-90.	2.6	128
3	Predicting Chaotic Time Series Using Neural and Neurofuzzy Models: A Comparative Study. <i>Neural Processing Letters</i> , 2006, 24, 217-239.	2.0	122
4	Brain emotional learning based intelligent controller applied to neurofuzzy model of micro-heat exchanger. <i>Expert Systems With Applications</i> , 2007, 32, 911-918.	4.4	95
5	Pigment Melanin: Pattern for Iris Recognition. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 792-804.	2.4	94
6	Implementation of Emotional Controller for Interior Permanent-Magnet Synchronous Motor Drive. <i>IEEE Transactions on Industry Applications</i> , 2008, 44, 1466-1476.	3.3	93
7	Iris Recognition for Partially Occluded Images: Methodology and Sensitivity Analysis. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006, 2007, 1.	1.0	70
8	Data driven sensor and actuator fault detection and isolation in wind turbine using classifier fusion. <i>Renewable Energy</i> , 2018, 116, 99-106.	4.3	70
9	Recursive Gathâ€œGeva clustering as a basis for evolving neuro-fuzzy modeling. <i>Evolving Systems</i> , 2010, 1, 59-71.	2.4	63
10	Generalization of the Dempster-Shafer theory: a fuzzy-valued measure. <i>IEEE Transactions on Fuzzy Systems</i> , 1999, 7, 255-270.	6.5	58
11	Solar activity forecast: Spectral analysis and neurofuzzy prediction. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 595-603.	0.6	54
12	Pattern identification for eccentricity fault diagnosis in permanent magnet synchronous motors using stator current monitoring. <i>IET Electric Power Applications</i> , 2010, 4, 418.	1.1	53
13	Online learning of task-driven object-based visual attention control. <i>Image and Vision Computing</i> , 2010, 28, 1130-1145.	2.7	51
14	Differences in white matter reflect atypical developmental trajectory in autism: A Tract-based Spatial Statistics study. <i>NeuroImage: Clinical</i> , 2012, 1, 48-56.	1.4	51
15	UTSig: A Persian offline signature dataset. <i>IET Biometrics</i> , 2017, 6, 1-8.	1.6	51
16	INTELLIGENT MODELING AND CONTROL OF WASHING MACHINE USING LOCALLY LINEAR NEUROâ€œFUZZY (LLNF) MODELING AND MODIFIED BRAIN EMOTIONAL LEARNING BASED INTELLIGENT CONTROLLER (BELBIC). <i>Asian Journal of Control</i> , 2006, 8, 393-400.	1.9	49
17	A probabilistic feature to determine type and extent of winding mechanical defects in power transformers. <i>Electric Power Systems Research</i> , 2012, 82, 1-10.	2.1	47
18	Cost-sensitive learning of top-down modulation for attentional control. <i>Machine Vision and Applications</i> , 2011, 22, 61-76.	1.7	43

#	ARTICLE	IF	CITATIONS
19	Short-Term Load Forecasting With a New Nonsymmetric Penalty Function. IEEE Transactions on Power Systems, 2011, 26, 1817-1825.	4.6	41
20	A time local subset feature selection for prediction of sudden cardiac death from ECG signal. Medical and Biological Engineering and Computing, 2018, 56, 1253-1270.	1.6	41
21	A String Matching Computer-Assisted System for Dolphin Photoidentification. Annals of Biomedical Engineering, 2000, 28, 1269-1279.	1.3	40
22	Extracting the main patterns of natural time series for long-term neurofuzzy prediction. Neural Computing and Applications, 2007, 16, 383-393.	3.2	40
23	Multi-representational learning for Offline Signature Verification using Multi-Loss Snapshot Ensemble of CNNs. Expert Systems With Applications, 2019, 133, 317-330.	4.4	40
24	Improved Bayesian information criterion for mixture model selection. Pattern Recognition Letters, 2016, 69, 22-27.	2.6	37
25	Introducing a new learning method for fuzzy descriptor systems with the aid of spectral analysis to forecast solar activity. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 2061-2074.	0.6	36
26	Optimal Local Basis: A Reinforcement Learning Approach for Face Recognition. International Journal of Computer Vision, 2009, 81, 191-204.	10.9	36
27	Estimation of Depth and Length of Defects from Magnetic Flux Leakage Measurements: Verification with Simulations, Experiments, and Pigging data. IEEE Transactions on Magnetics, 2016, , 1-1.	1.2	34
28	How to decide when the sources of evidence are unreliable: A multi-criteria discounting approach in the Dempster-Shafer theory. Information Sciences, 2018, 448-449, 233-248.	4.0	34
29	Abnormal condition detection in a cement rotary kiln with system identification methods. Journal of Process Control, 2009, 19, 1538-1545.	1.7	33
30	An online predictor model as adaptive habitually linear and transiently nonlinear model. Evolving Systems, 2010, 1, 29-41.	2.4	31
31	A protein fold classifier formed by fusing different modes of pseudo amino acid composition via PSSM. Computational Biology and Chemistry, 2011, 35, 1-9.	1.1	31
32	Evolving Takagi-Sugeno fuzzy model based on switching to neighboring models. Applied Soft Computing Journal, 2013, 13, 939-946.	4.1	31
33	Functional Networks Abnormalities in Autism Spectrum Disorder: Age-Related Hypo and Hyper Connectivity. Brain Topography, 2021, 34, 306-322.	0.8	30
34	Information-based dissimilarity assessment in Dempster-Shafer theory. Knowledge-Based Systems, 2013, 54, 114-127.	4.0	28
35	Quantitative determination of concordance in localizing epileptic focus by component-based EEG-fMRI. Computer Methods and Programs in Biomedicine, 2019, 177, 231-241.	2.6	28
36	Temporal dynamics of visual category representation in the macaque inferior temporal cortex. Journal of Neurophysiology, 2016, 116, 587-601.	0.9	27

#	ARTICLE	IF	CITATIONS
37	Interaction of Culture-Based Learning and Cooperative Co-Evolution and its Application to Automatic Behavior-Based System Design. IEEE Transactions on Evolutionary Computation, 2010, 14, 23-57.	7.5	25
38	A Study on Expertise of Agents and Its Effects on Cooperative Q-Learning. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 398-409.	5.5	24
39	Introducing evolving Takagi-Sugeno method based on local least squares support vector machine models. Evolving Systems, 2012, 3, 81-93.	2.4	24
40	Assisting Manual Dolphin Identification by Computer Extraction of Dorsal Ratio. Annals of Biomedical Engineering, 1999, 27, 830-838.	1.3	22
41	Multi-step prediction of Dst index using singular spectrum analysis and locally linear neurofuzzy modeling. Earth, Planets and Space, 2006, 58, 331-341.	0.9	22
42	Gait Recognition Using Wavelet Packet Silhouette Representation and Transductive Support Vector Machines. , 2009, , .		22
43	A new EM algorithm for flexibly tied GMMs with large number of components. Pattern Recognition, 2021, 114, 107836.	5.1	22
44	Knowledge-Based Multiagent Credit Assignment: A Study on Task Type and Critic Information. IEEE Systems Journal, 2007, 1, 55-67.	2.9	21
45	Shape Analysis of Stroma for Iris Recognition. Lecture Notes in Computer Science, 2007, , 790-799.	1.0	21
46	Combination of Singular Spectrum Analysis and Autoregressive Model for Short Term Load Forecasting. , 2007, , .		20
47	Component-related BOLD response to localize epileptic focus using simultaneous EEG-fMRI recordings at 3T. Journal of Neuroscience Methods, 2019, 322, 34-49.	1.3	20
48	Locally linear neurofuzzy modeling and prediction of geomagnetic disturbances based on solar wind conditions. Space Weather, 2006, 4, n/a-n/a.	1.3	19
49	Forecasting sunspot numbers with the aid of fuzzy descriptor models. Space Weather, 2007, 5, .	1.3	18
50	Introducing adaptive neurofuzzy modeling with online learning method for prediction of time-varying solar and geomagnetic activity indices. Expert Systems With Applications, 2010, 37, 8267-8277.	4.4	18
51	A Vector-based Approach to Discriminate Radial Deformation and Axial Displacement of Transformer Winding and Determine Defect Extent. Electric Power Components and Systems, 2012, 40, 597-612.	1.0	18
52	Recursive Gath-Geva clustering as a basis for evolving neuro-fuzzy modeling. , 2010, , .		17
53	Recursive spectral analysis of natural time series based on eigenvector matrix perturbation for online applications. IET Signal Processing, 2011, 5, 515.	0.9	17
54	Reducing the number of local linear models in neuro-fuzzy modeling: A split-and-merge clustering approach. Applied Soft Computing Journal, 2011, 11, 5582-5589.	4.1	17

#	ARTICLE	IF	CITATIONS
55	Detection of natural gas pipeline defects using magnetic flux leakage measurements. , 2013, , .		17
56	Online Local Input Selection Through Evolving Heterogeneous Fuzzy Inference System. IEEE Transactions on Fuzzy Systems, 2016, 24, 1364-1377.	6.5	17
57	Online Forecasting of Synchronous Time Series Based on Evolving Linear Models. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1865-1876.	5.9	17
58	Evidence theoretic protein fold classification based on the concept of hyperfold. Mathematical Biosciences, 2012, 240, 148-160.	0.9	16
59	Learning Representations from Persian Handwriting for Offline Signature Verification, a Deep Transfer Learning Approach. , 2019, , .		16
60	Black box modeling of magnetospheric dynamics to forecast geomagnetic activity. Space Weather, 2004, 2, n/a-n/a.	1.3	15
61	A supervisory fuzzy control of back-end temperature of rotary cement kilns. , 2007, , .		15
62	Distributed maximum likelihood estimation for flow and speed density prediction in distributed traffic detectors with Gaussian mixture model assumption. IET Intelligent Transport Systems, 2012, 6, 215.	1.7	15
63	Adaptive prediction of epileptic seizures from intracranial recordings. Biomedical Signal Processing and Control, 2012, 7, 456-464.	3.5	15
64	A new systematic design for Habitually Linear Evolving TS Fuzzy Model. Expert Systems With Applications, 2012, 39, 1725-1736.	4.4	15
65	Mutual Information Based Input Selection in Neuro-Fuzzy Modeling for Short Term Load Forecasting of Iran National Power System. , 2007, , .		14
66	A model for determining the cyclic swellâ€“shrink behavior of argillaceous rock. Applied Clay Science, 2008, 42, 81-89.	2.6	14
67	Design, implementation and analysis of an alternation-based Central Pattern Generator for multidimensional trajectory generation. Robotics and Autonomous Systems, 2012, 60, 182-198.	3.0	14
68	Defect detection and width estimation in natural gas pipelines using MFL signals. , 2013, , .		14
69	Fusing Iris, Palmprint and Fingerprint in a Multi-biometric Recognition System. , 2016, , .		14
70	An age-dependent Connectivity-based computer aided diagnosis system for Autism Spectrum Disorder using Resting-state fMRI. Biomedical Signal Processing and Control, 2022, 71, 103108.	3.5	14
71	Knowledge-based Extraction of Area of Expertise for Cooperation in Learning. , 2006, , .		13
72	A BIOLOGICALLY INSPIRED METHOD FOR CONCEPTUAL IMITATION USING REINFORCEMENT LEARNING. Applied Artificial Intelligence, 2007, 21, 155-183.	2.0	13

#	ARTICLE	IF	CITATIONS
73	Features analysis for identification of date and party hubs in protein interaction network of Saccharomyces Cerevisiae. BMC Systems Biology, 2010, 4, 172.	3.0	13
74	Attention control with reinforcement learning for face recognition under partial occlusion. Machine Vision and Applications, 2011, 22, 337-348.	1.7	13
75	Short-term traffic flow forecasting by mutual information and artificial neural networks. , 2012, , .		13
76	Traffic Flow Prediction Using MI Algorithm and Considering Noisy and Data Loss Conditions: An Application to Minnesota Traffic Flow Prediction. Promet - Traffic - Traffico, 2014, 26, 393-403.	0.3	13
77	Learning by abstraction: Hierarchical classification model using evidential theoretic approach and Bayesian ensemble model. Neurocomputing, 2014, 130, 73-82.	3.5	13
78	Learning from Demonstrations and Human Evaluative Feedbacks: Handling Sparsity and Imperfection Using Inverse Reinforcement Learning Approach. Journal of Robotics, 2020, 2020, 1-18.	0.6	13
79	Kalman filter tracking for facial expression recognition using noticeable feature selection. , 2007, , .		12
80	Learning Active Fusion of Multiple Experts' Decisions: An Attention-Based Approach. Neural Computation, 2011, 23, 558-591.	1.3	12
81	Computational model of excitatory/inhibitory ratio imbalance role in attention deficit disorders. Journal of Computational Neuroscience, 2012, 33, 389-404.	0.6	12
82	Persian offline signature verification based on curvature and gradient histograms. , 2016, , .		12
83	Partial identification and control of MIMO systems via switching linear reduced-order models under weak stimulations. Evolving Systems, 2019, 10, 111-128.	2.4	12
84	The Schur stability via the Hurwitz stability analysis using a biquadratic transformation. Automatica, 2005, 41, 173-176.	3.0	11
85	Neural, Fuzzy And Neurofuzzy Approach To Classification Of Normal And Alcoholic Electroencephalograms. Proc Int Symp Image Signal Process Anal, 2007, , .	0.0	11
86	Developing Fracture Measure as an Index of Fracture Impact on Well-Logs. Energy Exploration and Exploitation, 2015, 33, 555-574.	1.1	11
87	Coincidence Detection within the Excitable Rat Olfactory Bulb Granule Cell Spines. Journal of Neuroscience, 2019, 39, 584-595.	1.7	11
88	Lipschitz Numbers: A Medium for Delay Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7468-7473.	0.4	10
89	Fast Hand gesture recognition based on saliency maps: An application to interactive robotic marionette playing. , 2009, , .		10
90	Information Theoretic Hierarchical Clustering. Entropy, 2011, 13, 450-465.	1.1	10

#	ARTICLE	IF	CITATIONS
91	Bandit-based local feature subset selection. <i>Neurocomputing</i> , 2014, 138, 371-382.	3.5	10
92	A self tuning regulator design for nonlinear time varying systems based on evolving linear models. <i>Evolving Systems</i> , 2016, 7, 159-172.	2.4	10
93	Comparing ANFIS and integrating algorithm models (ICA-ANN, PSO-ANN, and GA-ANN) for prediction of energy consumption for irrigation land leveling. <i>Geosystem Engineering</i> , 2018, 21, 81-94.	0.7	10
94	Time-frequency decomposition of seismic signals via quantum swarm evolutionary matching pursuit. <i>Geophysical Prospecting</i> , 2019, 67, 1701-1719.	1.0	10
95	Automatic Recognition of Acute Myelogenous Leukemia in Blood Microscopic Images Using K-means Clustering and Support Vector Machine. <i>Journal of Medical Signals and Sensors</i> , 2016, 6, 183-93.	0.5	10
96	Swarm contours: A fast self-organization approach for snake initialization. <i>Complexity</i> , 2006, 12, 41-52.	0.9	9
97	Noisy Iris Verification: A Modified Version of Local Intensity Variation Method. <i>Lecture Notes in Computer Science</i> , 2009, , 1150-1159.	1.0	9
98	Interactive Learning in Continuous Multimodal Space: A Bayesian Approach to Action-Based Soft Partitioning and Learning. <i>IEEE Transactions on Autonomous Mental Development</i> , 2012, 4, 124-138.	2.3	8
99	Conceptual Imitation Learning Based on Perceptual and Functional Characteristics of Action. <i>IEEE Transactions on Autonomous Mental Development</i> , 2013, 5, 311-325.	2.3	8
100	Order determination and robust adaptive control of unknown deterministic input-affine systems: An operational controller. , 2016, , .		8
101	GPS/INS integration using nonlinear blending filters. , 2007, , .		7
102	Online Multi-step Ahead Prediction of Time-Varying Solar and Geomagnetic Activity Indices via Adaptive Neurofuzzy Modeling and Recursive Spectral Analysis. <i>Solar Physics</i> , 2011, 272, 189-213.	1.0	7
103	Takagi-Sugeno control of the elevation channel of a twin-rotor system using closed-loop empirical data. , 2012, , .		7
104	A Fast, Robust, and Incremental Model for Learning High-Level Concepts From Human Motions by Imitation. <i>IEEE Transactions on Robotics</i> , 2017, 33, 153-168.	7.3	7
105	Combination of learning from non-optimal demonstrations and feedbacks using inverse reinforcement learning and Bayesian policy improvement. <i>Expert Systems With Applications</i> , 2018, 112, 331-341.	4.4	7
106	Identification and Control of MIMO Linear Systems under Sufficient and Insufficient Excitation. , 2018, , .		7
107	Particle Swarm Extension to LOLIMOT. , 2006, , .		6
108	A New Split and Merge Algorithm for Structure Identification in Takagi-Sugeno Fuzzy Model. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
109	Robust Iris Verification Based on Local and Global Variations. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	6
110	Directed Random Subspace Method for Face Recognition. , 2010, , .		6
111	A novel detection and navigation approach based on OWA fusion method. Sensor Review, 2011, 31, 328-340.	1.0	6
112	Conceptual Imitation Learning in a Human-Robot Interaction Paradigm. ACM Transactions on Intelligent Systems and Technology, 2012, 3, 1-25.	2.9	6
113	METAL: A framework for mixture-of-experts task and attention learning. Journal of Intelligent and Fuzzy Systems, 2012, 23, 111-128.	0.8	6
114	A fast and accurate contour-based method for writer-dependent offline handwritten Farsi/Arabic subwords recognition. International Journal on Document Analysis and Recognition, 2014, 17, 181-203.	2.7	6
115	Competitive interaction reasoning: A bio-inspired reasoning method for fuzzy rule based classification systems. Information Sciences, 2016, 352-353, 35-47.	4.0	6
116	A Hierarchical Face Identification System Based on Facial Components. , 2007, , .		5
117	A Neuro-Fuzzy Controller for Rotary Cement Kilns. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 13259-13264.	0.4	5
118	A real-time velocity estimation using motion blur in air hockey. , 2012, , .		5
119	Fast evolving neuro-fuzzy model and its application in online classification and time series prediction. Pattern Analysis and Applications, 2012, 15, 279-288.	3.1	5
120	Hierarchical concept learning based on functional similarity of actions. , 2013, , .		5
121	Context Transfer in Reinforcement Learning Using Action-Value Functions. Computational Intelligence and Neuroscience, 2014, 2014, 1-10.	1.1	5
122	Information-Based Evaluation of Approximation Methods in Dempster-Shafer Theory. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2016, 24, 503-535.	0.9	5
123	Integrating artificial neural network and imperialist competitive algorithm (ICA), to predict the energy consumption for land leveling. International Journal of Energy Sector Management, 2017, 11, 522-540.	1.2	5
124	Active Transfer Learning for Persian Offline Signature Verification. , 2019, , .		5
125	Learning pareto optimal solution of a multi-attribute bilateral negotiation using deep reinforcement. Electronic Commerce Research and Applications, 2020, 43, 100987.	2.5	5
126	Hierarchical Image Segmentation Using Ant Colony and Chemical Computing Approach. Lecture Notes in Computer Science, 2005, , 1250-1258.	1.0	5

#	ARTICLE	IF	CITATIONS
127	A new survival analysis model in adjuvant Tamoxifen-treated breast cancer patients using manifold-based semi-supervised learning. <i>Journal of Computational Science</i> , 2022, 61, 101645.	1.5	5
128	Hough Array Processing via Fast Multi-Scale Clustering. <i>Real Time Imaging</i> , 2000, 6, 129-141.	1.6	4
129	Auto-tune Predictive Control of Switched Reluctance Motor. , 2006, , .		4
130	A Learning Algorithm for Local Linear Neuro-fuzzy Models with Self-construction through Merge & Split. , 2006, , .		4
131	Closed-loop global fuzzy TSK modeling: A case study. , 2007, , .		4
132	A Bayesian approach to conceptualization using reinforcement learning. , 2007, , .		4
133	Concurrent learning of task and attention control in the decision space. , 2009, , .		4
134	Comparison of rotary cement kiln identified models. , 2009, , .		4
135	Online identification of a neuro-fuzzy model through indirect fuzzy clustering of data space. , 2009, , .		4
136	Online extraction of main linear trends for nonlinear time-varying processes. <i>Information Sciences</i> , 2013, 220, 22-33.	4.0	4
137	A Computational Approach towards Visual Object Recognition at Taxonomic Levels of Concepts. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-10.	1.1	4
138	An information-based approach to handle various types of uncertainty in fuzzy bodies of evidence. <i>PLoS ONE</i> , 2020, 15, e0227495.	1.1	4
139	A store location-based recommender system using user's position and web searches. <i>Journal of Location Based Services</i> , 2021, 15, 118-141.	1.4	4
140	Comparing Learning Attention Control in Perceptual and Decision Space. <i>Lecture Notes in Computer Science</i> , 2009, , 242-256.	1.0	4
141	Modified LOLIMOT algorithm for nonlinear centralized Kalman filtering fusion. , 2007, , .		3
142	A LINEAR PROGRAMMING APPROACH FOR CALCULATION OF ALL STABILIZING PARAMETERS OF LEAD/LAG CONTROLLERS. <i>Asian Journal of Control</i> , 2008, 8, 408-411.	1.9	3
143	Fuzzy descriptor systems and spectral analysis for chaotic time series prediction. <i>Neural Computing and Applications</i> , 2009, 18, 991-1004.	3.2	3
144	Input Selection Based on Information Theory for Constructing Predictor Models of Solar and Geomagnetic Activity Indices. <i>Solar Physics</i> , 2009, 258, 297-318.	1.0	3

#	ARTICLE	IF	CITATIONS
145	Speeding up top-down attention control learning by using full observation knowledge. , 2009, , .		3
146	PiLiMoT: A Modified Combination of LoLiMoT and PLN Learning Algorithms for Local Linear Neurofuzzy Modeling. Journal of Control Science and Engineering, 2011, 2011, 1-9.	0.8	3
147	Face recognition with manifold-based kernel discriminant analysis. , 2012, , .		3
148	Variational Bayesian learning for Gaussian mixture HMM in seizure prediction based on long term EEG of epileptic rats. , 2014, , .		3
149	Generating flexible convex hyper-polygon validity regions via sigmoid-based membership functions in TS modeling. Applied Soft Computing Journal, 2015, 28, 589-598.	4.1	3
150	Ant Colony Optimization with a Genetic Restart Approach toward Global Optimization. Communications in Computer and Information Science, 2008, , 9-16.	0.4	3
151	NEUROFUZZY MODELING OF NATURAL FREQUENCIES OF CYLINDRICAL SHELLS APPLIED TO EVOLUTIONARY BASED OPTIMAL DESIGN OF SR MOTORS. International Journal of Computational Methods, 2006, 03, 263-277.	0.8	2
152	An Experimental Nonlinear System Identification Based on Local Linear Neuro-Fuzzy Models. , 2006, , .		2
153	A Modified LOLIMOT Algorithm for Nonlinear Estimation Fusion. , 2007, , .		2
154	A hybrid model for face recognition using facial components. , 2007, , .		2
155	Introducing an incremental learning method for fuzzy descriptor models to identify nonlinear singular systems. , 2008, , .		2
156	Improving reinforcement learning using temporal-difference network EUROCON2009. , 2009, , .		2
157	An imitation model based on Central Pattern Generator with application in robotic marionette behavior learning. , 2009, , .		2
158	Learning sequential visual attention control through dynamic state space discretization. , 2009, , .		2
159	Real time estimation and tracking of human body Center of Mass using 2D video imaging. , 2011, , .		2
160	Toward automatic development of handwritten personal Farsi/Arabic OpenType $\text{\textcircled{A}}$ fonts. International Journal on Document Analysis and Recognition, 2015, 18, 249-262.	2.7	2
161	Mixture of ICAs model for natural images solved by manifold optimization method. , 2015, , .		2
162	Rapid face adaptation distributes representation in inferior-temporal cortex across time and neuronal dimensions. Scientific Reports, 2017, 7, 1709.	1.6	2

#	ARTICLE	IF	CITATIONS
163	Prediction of environmental indicators in land leveling using artificial intelligence techniques. Journal of Environmental Health Science & Engineering, 2018, 16, 65-80.	1.4	2
164	Cell size optimization for fracture measure estimation in multi-scale studies within oil wells. Carbonates and Evaporites, 2019, 34, 261-272.	0.4	2
165	Optimal Mechanism Design in the Sponsored Content Service Market. IEEE Communications Letters, 2021, 25, 3051-3054.	2.5	2
166	WLoLiMoT: A Wavelet and LoLiMoT Based Algorithm for Time Series Prediction. , 2011, , 345-355.		2
167	Optimal design of a flexible transferring system in press automation using fuzzy clustering. Assembly Automation, 2005, 25, 53-58.	1.0	1
168	Mixture weighted gating and its application to target tracking. , 2006, , .		1
169	Fuzzy-model-based exponentially stabilizing perturbed nonlinear systems in the presence of modeling error. , 2007, , .		1
170	Facial Expression Recognition using Conspicuous Features Selection and Comparison of the Performance of Different Classifiers. , 2007, , .		1
171	distributed estimation fusion with global track feedback using a modified LOLIMOT algorithm. , 2007, , .		1
172	Fuzzy modelling of nonlinear systems for stability analysis based on piecewise quadratic Lyapunov functions. , 2008, , .		1
173	Approximation of a map and its derivatives with an RBF Network using input-output clustering. , 2008, , .		1
174	A new method to guarantee performance and robustness in optimal fuzzy controller design for perturbed nonlinear systems based on Piecewise Discontinues Lyapunov Functions. , 2009, , .		1
175	Comments on "Controller Synthesis of Fuzzy-Dynamic Systems Based on Piecewise Lyapunov Functions. IEEE Transactions on Fuzzy Systems, 2010, 18, 227-228.	6.5	1
176	An effective feature extraction method for facial expression recognition using adaptive Gabor wavelet. , 2010, , .		1
177	Simultaneous learning of spatial visual attention and physical actions. , 2010, , .		1
178	Dynamical analysis of yeast protein interaction network during the sake brewing process. Journal of Microbiology, 2011, 49, 965-973.	1.3	1
179	An adaptive neuro fuzzy controller for cement kiln. , 2011, , .		1
180	A Dynamic Bio-inspired Model of Categorization. Lecture Notes in Computer Science, 2012, , 160-167.	1.0	1

#	ARTICLE	IF	CITATIONS
181	Embedding Relevance Vector Machine in Fuzzy Inference System for Energy Consumption Forecasting. Lecture Notes in Computer Science, 2012, , 202-209.	1.0	1
182	Model free predictive control for a nonlinear biological system with intelligent optimization approach. , 2013, , .		1
183	Fast saliency map extraction from video: A hardware approach. , 2013, , .		1
184	A neuro-fuzzy immune inspired classifier for task-oriented texts. Journal of Intelligent and Fuzzy Systems, 2013, 25, 673-683.	0.8	1
185	Improving the performance of intelligent stock trading systems by using a high level representation for the inputs. , 2015, , .		1
186	Writer identification using a probabilistic model of handwritten digits and approximate Bayesian computation. , 2016, , .		1
187	Towards Information Theoretic Measurement of Fidelity and Diversity in Handwriting Synthesis. , 2019, , .		1
188	Bandit-Based Structure Learning for Bayesian Network Classifiers. Lecture Notes in Computer Science, 2012, , 349-356.	1.0	1
189	Forecasting stock market trends using support vector regression and perceptually important points. , 2020, , .		1
190	Piecewise Linear Model Tree: A modified combination of two learning algorithms for neuro-fuzzy models. , 2006, , .		0
191	DATA-BASED MODELLING OF NONLINEAR SYSTEMS USING A MODIFIED LOLIMOT ALGORITHM. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 25-30.	0.4	0
192	Optimal fuzzy passing strategy for robot soccer players. , 2008, , .		0
193	Abstract Concept Learning Approach Based on Behavioural Feature Extraction. , 2009, , .		0
194	Concept extraction using temporal-difference network EUROCON2009. , 2009, , .		0
195	Extracting salient lines by Visual Attention for omnidirectional image classification. , 2011, , .		0
196	Traffic speed prediction using mutual information. , 2012, , .		0
197	Model predictive control with sequential linearization approach for a nonlinear time varying biological system. , 2013, , .		0
198	State prediction approach for master-slave agents in presence of communication delay. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
199	Biological constrained learning of parameters in a recurrent neural network-based model of the primary visual cortex. , 2014, , .		0
200	Separation of multiplicative image components by Bayesian Independent Component Analysis. , 2015, , .		0
201	State estimation of VTOL octorotor for altitude control by using hybrid extended Kalman filter. , 2017, , .		0
202	Model-based Persian calligraphy synthesis via learning to transfer templates to personal styles. International Journal on Document Analysis and Recognition, 2020, 23, 183-203.	2.7	0
203	A Clustering Method Based on Soft Learning of Model (Prototype) and Dissimilarity Metrics. Communications in Computer and Information Science, 2008, , 33-40.	0.4	0
204	Learning Attentive Fusion of Multiple Bayesian Network Classifiers. Lecture Notes in Computer Science, 2012, , 133-140.	1.0	0
205	Using Neurofuzzy Models and Spectral Analysis for Prediction of the Exotic Phenomena with Catastrophic Jumps. Lecture Notes in Computer Science, 2008, , 1156-1170.	1.0	0
206	A New Split and Merge Algorithm for Structure Identification in Takagi-Sugeno Fuzzy Model. , 2007, , .		0