

Suresh Sundaram

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

6,233
citations

76326

40
h-index

85541

71
g-index

251
all docs

251
docs citations

251
times ranked

3856
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Novel Transformation of Spiking Neural Classifier to an Interpretable Classifier. IEEE Transactions on Cybernetics, 2024, 54, 3-12.	9.5	0
2	Robust Simultaneously Stabilizing Decoupling Output Feedback Controllers for Unstable Adversely Coupled Nano Air Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1003-1013.	9.3	3
3	BS-McL: Bilevel Segmentation Framework With Metacognitive Learning for Detection of the Power Lines in UAV Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	8
4	Robust EMRAN-aided coupled controller for autonomous vehicles. Engineering Applications of Artificial Intelligence, 2022, 110, 104717.	8.1	4
5	A Decentralized Multirobot Spatiotemporal Multitask Assignment Approach for Perimeter Defense. IEEE Transactions on Robotics, 2022, 38, 3085-3096.	10.3	6
6	Design and integration of a drone based passive manipulator for capturing flying targets. Robotica, 2022, 40, 2349-2364.	1.9	5
7	Bayesian Neuro-Fuzzy Inference System for Temporal Dependence Estimation. IEEE Transactions on Fuzzy Systems, 2021, 29, 2479-2490.	9.8	7
8	Effects of propeller flow on the longitudinal and lateral dynamics and model couplings of a fixed-wing micro air vehicle. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2021, 235, 1066-1076.	1.3	1
9	Graph-Embedded Multi-Layer Kernel Ridge Regression for One-Class Classification. Cognitive Computation, 2021, 13, 552-569.	5.2	3
10	Meta-Cognition-Based Simple And Effective Approach To Object Detection. , 2021, , .		1
11	Self Regulated Learning Mechanism for Data Efficient Knowledge Distillation. , 2021, , .		0
12	Spatio-Temporal Look-Ahead Trajectory Prediction using Memory Neural Network. , 2021, , .		3
13	Meta-neuron learning based spiking neural classifier with time-varying weight model for credit scoring problem. Expert Systems With Applications, 2021, 178, 114985.	7.6	6
14	Discriminant Spatial Filtering Method (DSFM) for the identification and analysis of abnormal resting state brain activities. Expert Systems With Applications, 2021, 181, 115074.	7.6	5
15	Mission Aware Motion Planning (MAP) Framework With Physical and Geographical Constraints for a Swarm of Mobile Stations. IEEE Transactions on Cybernetics, 2020, 50, 1209-1219.	9.5	8
16	Adaptive Online Learning With Regularized Kernel for One-Class Classification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, , 1-16.	9.3	10
17	Learning elastic memory online for fast time series forecasting. Neurocomputing, 2020, 390, 315-326.	5.9	9
18	Metaheuristic Spatial Transformation (MST) for accurate detection of Attention Deficit Hyperactivity Disorder (ADHD) using rs-fMRI. , 2020, 2020, 2829-2832.		7

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19	A Dual Network Solution (DNS) for Lag-Free Time Series Forecasting. , 2020, , .		2
20	Self-regulated Learning Algorithm for Distributed Coding Based Spiking Neural Classifier. , 2020, , .		3
21	A Scenario-Based Branch-and-Bound Approach for MES Scheduling in Urban Buildings. IEEE Transactions on Industrial Informatics, 2020, 16, 7510-7520.	11.3	12
22	A rolling horizon optimization approach for dynamic airspace sectorization. IFAC Journal of Systems and Control, 2020, 11, 100076.	1.7	4
23	CDAS: A Cognitive Decision-Making Architecture for Dynamic Airspace Sectorization for Efficient Operations. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1659-1668.	8.0	6
24	Deep Transformation Method for Discriminant Analysis of Multi-Channel Resting State fMRI. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2556-2563.	4.9	14
25	A novel Spatio-Temporal Fuzzy Inference System (SPATFIS) and its stability analysis. Information Sciences, 2019, 505, 84-99.	6.9	18
26	A new Neuro-Fuzzy Inference System with Dynamic Neurons (NFIS-DN) for system identification and time series forecasting. Applied Soft Computing Journal, 2019, 82, 105567.	7.2	21
27	RIT2FIS: A Recurrent Interval Type 2 Fuzzy Inference System and its Rule Base Estimation. , 2019, , .		1
28	FPA clust: evaluation of the flower pollination algorithm for data clustering. Evolutionary Intelligence, 2019, 14, 1189.	3.6	6
29	Multi-Region Risk-Sensitive Cognitive Ensembler for Accurate Detection of Attention-Deficit/Hyperactivity Disorder. Cognitive Computation, 2019, 11, 545-559.	5.2	6
30	Interval prediction of wave energy characteristics using meta-cognitive interval type-2 fuzzy inference system. Knowledge-Based Systems, 2019, 169, 28-38.	7.1	20
31	Discrete-time sliding mode observer for the state estimation of a manoeuvring target. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 847-854.	1.0	2
32	Exploration of CNN Features for Online Handwriting Recognition. , 2019, , .		2
33	Hierarchical clustering approaches for flood assessment using multi-sensor satellite images. International Journal of Image and Data Fusion, 2019, 10, 28-44.	1.7	6
34	SEFRON: A New Spiking Neuron Model With Time-Varying Synaptic Efficacy Function for Pattern Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1231-1240.	11.3	37
35	Revisiting norm optimization for multi-objective black-box problems: a finite-time analysis. Journal of Global Optimization, 2019, 73, 659-673.	1.8	3
36	Multi-UAV Oxyrrhis Marina-Inspired Search and Dynamic Formation Control for Forest Firefighting. IEEE Transactions on Automation Science and Engineering, 2019, 16, 863-873.	5.2	107

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37	An Interclass Margin Maximization Learning Algorithm for Evolving Spiking Neural Network. IEEE Transactions on Cybernetics, 2019, 49, 989-999.	9.5	19
38	Cooperative obstacle avoidance for heterogeneous unmanned systems during search mission. World Scientific Encyclopedia With Semantic Computing and Robotic Intelligence, 2019, , 91-98.	0.0	1
39	Efficient resource allocation for decentralized heterogeneous system using density estimation approach. World Scientific Encyclopedia With Semantic Computing and Robotic Intelligence, 2019, , 137-143.	0.0	0
40	Pareto-aware strategies for faster convergence in multi-objective multi-scale search optimization. Information Sciences, 2018, 454-455, 1-15.	6.9	3
41	Autonomous Navigation and Sensorless Obstacle Avoidance for UGV with Environment Information from UAV. , 2018, , .		13
42	Identification of lateralized compensatory neural activities within the social brain due to autism spectrum disorder in adolescent males. European Journal of Neuroscience, 2018, 47, 631-642.	2.6	15
43	Multi-Objective Simultaneous Optimistic Optimization. Information Sciences, 2018, 424, 159-174.	6.9	8
44	A Meta-cognitive Recurrent Fuzzy Inference System with Memory Neurons (McRFIS-MN) and its Fast Learning Algorithm for Time Series Forecasting. , 2018, , .		5
45	A Hybrid Cross-Entropy Guided Genetic Algorithm for Scheduling Multi-Energy Systems. , 2018, , .		1
46	Mutli-agent consensus under communication failure using Actor-Critic Reinforcement Learning. , 2018, , .		5
47	A fast and self-adaptive on-line learning detection system. Procedia Computer Science, 2018, 144, 13-22.	2.0	3
48	Wave Forecasting using Meta-cognitive Interval Type-2 Fuzzy Inference System. Procedia Computer Science, 2018, 144, 33-41.	2.0	6
49	Online video streaming for human tracking based on weighted resampling particle filter. Procedia Computer Science, 2018, 144, 2-12.	2.0	2
50	Wind Speed Intervals Prediction using Meta-cognitive Approach. Procedia Computer Science, 2018, 144, 23-32.	2.0	6
51	Regularized Spatial Filtering Method (R-SFM) for detection of Attention Deficit Hyperactivity Disorder (ADHD) from resting-state functional Magnetic Resonance Imaging (rs-fMRI). , 2018, 2018, 5541-5544.		7
52	Efficient resource allocation for decentralized heterogeneous system using density estimation approach. Encyclopedia With Semantic Computing and Robotic Intelligence, 2018, 02, 1850008.	0.2	3
53	Cooperative obstacle avoidance for heterogeneous unmanned systems during search mission. Encyclopedia With Semantic Computing and Robotic Intelligence, 2018, 02, 1850002.	0.2	2
54	Histogram-Based Matching of GMM Encoded Features for Online Signature Verification. , 2018, , .		3

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55	State Estimation of an Agile Target using Discrete Sliding Mode Observer. , 2018, , .		2
56	Online Meta-neuron based Learning Algorithm for a spiking neural classifier. Information Sciences, 2017, 414, 19-32.	6.9	11
57	A decentralized game theoretic approach for team formation and task assignment by autonomous unmanned aerial vehicles. , 2017, , .		7
58	OMKT: Projection based bounded on-line multiple kernel tracker. , 2017, , .		0
59	Comprehensive study of features for subject-independent emotion recognition. , 2017, , .		0
60	Identifying differences in brain activities and an accurate detection of autism spectrum disorder using resting state functional-magnetic resonance imaging : A spatial filtering approach. Medical Image Analysis, 2017, 35, 375-389.	11.6	64
61	A Vector Quantization Based Feature Descriptor for Online Signature Verification. , 2017, , .		0
62	MiPAL: Multiple-instance passive aggressive learning for identification of attention deficit hyperactive disorder from fMRI. , 2017, , .		1
63	Multi-Objective Self Regulating Particle Swarm Optimization algorithm for BMOBench platform. , 2016, , .		3
64	Protein secondary structure prediction using a small training set (compact model) combined with a Complex-valued neural network approach. BMC Bioinformatics, 2016, 17, 362.	2.6	29
65	A robust interval Type-2 Fuzzy Inference based BCI system. , 2016, , .		3
66	A multi-objective approach for 3D airspace sectorization: A study on Singapore regional airspace. , 2016, , .		5
67	A hybrid Deep Boltzmann Functional Link Network for classification problems. , 2016, , .		0
68	Preliminary study: Qualitative indicators in multi-objective DIRECT framework. , 2016, , .		1
69	Empirical Assessment of Human Learning Principles Inspired PSO Algorithms on Continuous Black-Box Optimization Testbed. Lecture Notes in Computer Science, 2016, , 17-28.	1.3	2
70	Dividing rectangles attack multi-objective optimization. , 2016, , .		15
71	Hypervolume-Based DIRECT for Multi-Objective Optimisation. , 2016, , .		10
72	Analysis of the Bayesian multi-scale optimistic optimization on the CEC2016 and BBOB testbeds. , 2016, , .		0

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73	An enhanced effect-size thresholding method for the diagnosis of Autism Spectrum Disorder using resting state functional MRI. , 2016, , .		4
74	Online Writer Identification Using Sparse Coding and Histogram Based Descriptors. , 2016, , .		9
75	A Self-Regulated Interval Type-2 Neuro-Fuzzy Inference System for Handling Nonstationarities in EEG Signals for BCI. IEEE Transactions on Fuzzy Systems, 2016, 24, 1565-1577.	9.8	29
76	A discriminative subject-specific spatio-spectral filter selection approach for EEG based motor-imagery task classification. Expert Systems With Applications, 2016, 64, 375-384.	7.6	32
77	A Naive multi-scale search algorithm for global optimization problems. Information Sciences, 2016, 372, 294-312.	6.9	8
78	A MATLAB Toolbox for Surrogate-Assisted Multi-Objective Optimization. , 2016, , .		1
79	Prediction of membrane protein structures using a Projection based Meta-cognitive Radial Basis Function Network. , 2016, , .		2
80	A fully tuned sequential interval type-2 fuzzy inference system for motor-imagery task classification. , 2016, , .		4
81	Meta-cognitive Regression Neural Network for function approximation: Application to Remaining Useful Life estimation. , 2016, , .		10
82	MSO: a framework for bound-constrained black-box global optimization algorithms. Journal of Global Optimization, 2016, 66, 811-845.	1.8	6
83	Meta-cognitive interval type-2 fuzzy controller for quadcopter flight control- an EEG based approach. , 2016, , .		4
84	An interval type-2 fuzzy inference system and its meta-cognitive learning algorithm. Evolving Systems, 2016, 7, 95-105.	3.9	13
85	Directionally Driven Self-Regulating Particle Swarm Optimization algorithm. Swarm and Evolutionary Computation, 2016, 28, 98-116.	8.1	40
86	Extended Metacognitive Neuro-Fuzzy Inference System for Biometric Identification. Studies in Computational Intelligence, 2016, , 309-338.	0.9	0
87	Development of a Self-Regulating Evolving Spiking Neural Network for classification problem. Neurocomputing, 2016, 171, 1216-1229.	5.9	61
88	Dynamic mentoring and self-regulation based particle swarm optimization algorithm for solving complex real-world optimization problems. Information Sciences, 2016, 326, 1-24.	6.9	92
89	An Improved Sample Balanced Genetic Algorithm and Extreme Learning Machine for Accurate Alzheimer Disease Diagnosis. Journal of Computing Science and Engineering, 2016, 10, 118-127.	0.6	3
90	Evolving Complex-Valued Interval Type-2 Fuzzy Inference System. , 2015, , .		1

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91	A modified projection based learning algorithm for a meta-cognitive radial basis function classifier. , 2015, , .		0
92	On the Performance of Particle Swarm Optimization Algorithms in Solving Cheap Problems. , 2015, , .		2
93	Improved classification performance of q-Gaussian meta-cognitive RBF classifier. , 2015, , .		0
94	Improved SRPSO algorithm for solving CEC 2015 computationally expensive numerical optimization problems. , 2015, , .		22
95	Using regional homogeneity from functional MRI for diagnosis of ASD among males. , 2015, , .		13
96	DE vs. PSO: A Performance Assessment for Expensive Problems. , 2015, , .		4
97	A subject-specific frequency band selection for efficient BCI- an interval type-2 fuzzy inference system approach. , 2015, , .		7
98	Automatic seizure detection in multichannel EEG using McCIT2FIS approach. , 2015, , .		1
99	A two stage learning algorithm for a Growing-Pruning Spiking Neural Network for pattern classification problems. , 2015, , .		24
100	Identification of imaging biomarkers responsible for Alzheimer's Disease using a McRBFN classifier. , 2015, , .		9
101	An Effect-Size Based Channel Selection Algorithm for Mental Task Classification in Brain Computer Interface. , 2015, , .		12
102	ASD detection in males using MRI- an age-group based study. , 2015, , .		5
103	HumanCog: A cognitive architecture for solving optimization problems. , 2015, , .		9
104	An Evolving Interval Type-2 Neurofuzzy Inference System and Its Metacognitive Sequential Learning Algorithm. IEEE Transactions on Fuzzy Systems, 2015, 23, 2080-2093.	9.8	71
105	Importance of phenotypic information in ADHD diagnosis. , 2015, , .		1
106	A sequential learning algorithm for a spiking neural classifier. Applied Soft Computing Journal, 2015, 36, 255-268.	7.2	13
107	Scheduling in compute cloud with multiple data banks using divisible load paradigm. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1288-1297.	4.7	19
108	Accurate detection of autism spectrum disorder from structural MRI using extended metacognitive radial basis function network. Expert Systems With Applications, 2015, 42, 8775-8790.	7.6	26

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109	Mentoring based particle swarm optimization algorithm for faster convergence. , 2015, , .		7
110	Multi-class BCGA-ELM based classifier that identifies biomarkers associated with hallmarks of cancer. BMC Bioinformatics, 2015, 16, 166.	2.6	10
111	Human action recognition in H.264/AVC compressed domain using meta-cognitive radial basis function network. Applied Soft Computing Journal, 2015, 36, 218-227.	7.2	6
112	Quantized insensitive consensus of Lipschitz nonlinear multi-agent systems using the incidence matrix. Journal of the Franklin Institute, 2015, 352, 4845-4863.	3.4	35
113	A Cognitive Ensemble of Extreme Learning Machines for Steganalysis Based on Risk-Sensitive Hinge Loss Function. Cognitive Computation, 2015, 7, 103-110.	5.2	26
114	Self regulating particle swarm optimization algorithm. Information Sciences, 2015, 294, 182-202.	6.9	248
115	A Fully Complex-valued Fast Learning Classifier (FC-FLC) for real-valued classification problems. Neurocomputing, 2015, 149, 198-206.	5.9	22
116	Meta-Cognitive Learning Neural Classifier for Alzheimerâ€™s Disease Detection. Lecture Notes in Computer Science, 2015, , 606-617.	1.3	3
117	Human meta-cognition inspired collaborative search algorithm for optimization. , 2014, , .		8
118	Meta-cognitive Interval Type-2 neuro-fuzzy inference system for wind prediction. , 2014, , .		4
119	Meta-cognitive fuzzy extreme learning machine. , 2014, , .		4
120	A computationally fast Interval Type-2 Neuro-Fuzzy Inference System and its Meta-Cognitive projection based learning algorithm. , 2014, , .		7
121	A sequential learning algorithm for a Minimal Spiking Neural Network (MSNN) classifier. , 2014, , .		7
122	Identification of potential biomarkers in the hippocampus region for the diagnosis of ADHD using PBL-McRBFN approach. , 2014, , .		13
123	A novel PBL-McRBFN-RFE approach for identification of critical brain regions responsible for Parkinsonâ€™s disease. Expert Systems With Applications, 2014, 41, 478-488.	7.6	56
124	Performance enhancement of online handwritten Tamil symbol recognition with reevaluation techniques. Pattern Analysis and Applications, 2014, 17, 587-609.	4.6	6
125	A complex-valued neuro-fuzzy inference system and its learning mechanism. Neurocomputing, 2014, 123, 110-120.	5.9	57
126	Performance Evaluation of Point-Based Image Descriptors. , 2014, , .		1

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127	An optical flow feature and McFIS based approach for 3-dimensional human action recognition. , 2014, , .		2
128	Human cognition inspired particle swarm optimization algorithm. , 2014, , .		15
129	Hybrid real-coded genetic algorithm for data partitioning in multi-round load distribution and scheduling in heterogeneous systems. Applied Soft Computing Journal, 2014, 24, 500-510.	7.2	33
130	A Metacognitive Complex-Valued Interval Type-2 Fuzzy Inference System. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1659-1672.	11.3	29
131	A meta-cognitive interval type-2 fuzzy inference system and its projection based learning algorithm. Evolving Systems, 2014, 5, 219-230.	3.9	61
132	Discrete direct adaptive ELM controller for active vibration control of nonlinear base isolation buildings. Neurocomputing, 2014, 129, 246-256.	5.9	10
133	A Meta-Cognitive Learning Algorithm for an Extreme Learning Machine Classifier. Cognitive Computation, 2014, 6, 253-263.	5.2	68
134	Fast learning complex-valued classifiers for real-valued classification problems. International Journal of Machine Learning and Cybernetics, 2013, 4, 469-476.	3.6	11
135	Subject independent human action recognition using spatio-depth information and meta-cognitive RBF network. Engineering Applications of Artificial Intelligence, 2013, 26, 2010-2021.	8.1	13
136	Sequential Projection-Based Metacognitive Learning in a Radial Basis Function Network for Classification Problems. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 194-206.	11.3	93
137	Detection of onset of Alzheimer's disease from MRI images using a GA-ELM-PSO classifier. , 2013, , .		20
138	Neural adaptive flight controller for ducted-fan UAV performing nonlinear maneuver. , 2013, , .		12
139	ICGA-ELM classifier for Alzheimer's disease detection. , 2013, , .		5
140	Projection-Based Fast Learning Fully Complex-Valued Relaxation Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 529-541.	11.3	53
141	A Meta-cognitive Interval Type-2 fuzzy inference system classifier and its projection based learning algorithm. , 2013, , .		24
142	Meta-cognitive q-Gaussian RBF network for binary classification: Application to mild cognitive impairment (MCI). , 2013, , .		10
143	Meta-cognitive RBF Network and its Projection Based Learning algorithm for classification problems. Applied Soft Computing Journal, 2013, 13, 654-666.	7.2	100
144	Depth and normal vector identification of an unknown slope from a UAV using a single camera. , 2013, , .		1

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145	Parkinson's disease prediction using gene expression – A projection based learning meta-cognitive neural classifier approach. Expert Systems With Applications, 2013, 40, 1519-1529.	7.6	67
146	Protein secondary structure prediction using a fully complex-valued relaxation network. , 2013, , .		5
147	Discrete direct adaptive ELM controller for seismically excited non-linear base-isolated buildings. , 2013, , .		0
148	A Metacognitive Neuro-Fuzzy Inference System (McFIS) for Sequential Classification Problems. IEEE Transactions on Fuzzy Systems, 2013, 21, 1080-1095.	9.8	109
149	A basis coupled evolving spiking neural network with afferent input neurons. , 2013, , .		10
150	Computer Aided Diagnosis of ADHD Using Brain Magnetic Resonance Images. Lecture Notes in Computer Science, 2013, , 386-395.	1.3	16
151	Zero-Error Density Maximization based learning algorithm for a neuro-fuzzy inference system. , 2013, , .		5
152	A projection based learning algorithm for Meta-Cognitive Neuro-Fuzzy Inference system. , 2013, , .		3
153	Neural aided discrete PID active controller for non-linear hysteretic base-isolation building. , 2013, , .		2
154	Autism spectrum disorder detection using projection based learning meta-cognitive RBF network. , 2013, , .		18
155	Performance Study on Real-valued Classification Problems. Studies in Computational Intelligence, 2013, , 125-133.	0.9	2
156	Performance Study on Complex-valued Function Approximation Problems. Studies in Computational Intelligence, 2013, , 85-107.	0.9	1
157	Circular Complex-valued Extreme Learning Machine Classifier. Studies in Computational Intelligence, 2013, , 109-123.	0.9	2
158	Complex-valued Self-regulatory Resource Allocation Network (CSRAN). Studies in Computational Intelligence, 2013, , 135-168.	0.9	0
159	HUMAN ACTION RECOGNITION USING META-COGNITIVE NEURO-FUZZY INFERENCE SYSTEM. International Journal of Neural Systems, 2012, 22, 1250028.	5.2	44
160	Neural adaptive back stepping flight controller for a ducted fan UAV. , 2012, , .		5
161	Scheduling nonlinear divisible loads in a single level tree network. Journal of Supercomputing, 2012, 61, 1068-1088.	3.6	16
162	A meta-cognitive sequential learning algorithm for neuro-fuzzy inference system. Applied Soft Computing Journal, 2012, 12, 3603-3614.	7.2	107

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163	Human action recognition using Meta-Cognitive Neuro-Fuzzy Inference System. , 2012, , .		11
164	Complex-valued neuro-fuzzy inference system for wind prediction. , 2012, , .		14
165	A projection based learning in Meta-cognitive Radial Basis Function Network for classification problems. , 2012, , .		9
166	Alzheimer's disease detection using a Projection Based Learning Meta-cognitive RBF Network. , 2012, , .		8
167	A meta-cognitive learning algorithm for a Fully Complex-valued Relaxation Network. Neural Networks, 2012, 32, 209-218.	5.9	56
168	Identification of brain regions responsible for Alzheimer's disease using a Self-adaptive Resource Allocation Network. Neural Networks, 2012, 32, 313-322.	5.9	47
169	Metacognitive Learning in a Fully Complex-Valued Radial Basis Function Neural Network. Neural Computation, 2012, 24, 1297-1328.	2.2	100
170	Meta-Cognitive Neuro-Fuzzy Inference System for human emotion recognition. , 2012, , .		19
171	Direct adaptive neural controller for the active control of earthquake-excited nonlinear base-isolated buildings. Structural Control and Health Monitoring, 2012, 19, 370-384.	4.0	24
172	An on-line learning neural controller for helicopters performing highly nonlinear maneuvers. Applied Soft Computing Journal, 2012, 12, 360-371.	7.2	21
173	Fast learning Circular Complex-valued Extreme Learning Machine (CC-ELM) for real-valued classification problems. Information Sciences, 2012, 187, 277-290.	6.9	65
174	A fully complex-valued radial basis function classifier for real-valued classification problems. Neurocomputing, 2012, 78, 104-110.	5.9	112
175	Meta-cognitive Neural Network for classification problems in a sequential learning framework. Neurocomputing, 2012, 81, 86-96.	5.9	103
176	Human action recognition using a fast learning fully complex-valued classifier. Neurocomputing, 2012, 89, 202-212.	5.9	16
177	Scheduling Second-Order Computational Load in Master-Slave Paradigm. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 780-793.	4.7	20
178	A Projection Based Learning Meta-cognitive RBF Network Classifier for Effective Diagnosis of Parkinson's Disease. Lecture Notes in Computer Science, 2012, , 611-620.	1.3	5
179	Complex-Valued Neuro-Fuzzy Inference System Based Classifier. Lecture Notes in Computer Science, 2012, , 348-355.	1.3	7
180	A Sequential Learning Algorithm for Complex-Valued Self-Regulating Resource Allocation Network-CSRAN. IEEE Transactions on Neural Networks, 2011, 22, 1061-1072.	4.2	75

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181	Lexicon-Free, Novel Segmentation of Online Handwritten Indic Words. , 2011, , .		7
182	Reversible Watermarking Algorithm with Distortion Compensation. Eurasip Journal on Advances in Signal Processing, 2011, 2010, .	1.7	8
183	Stable indirect adaptive neural controller for a class of nonlinear system. Neurocomputing, 2011, 74, 2582-2590.	5.9	37
184	Online learning neural tracker. Neurocomputing, 2011, 74, 1681-1695.	5.9	10
185	A fast learning Fully Complex-valued Relaxation Network (FCRN). , 2011, , .		11
186	Fully complex-valued ELM classifiers for human action recognition. , 2011, , .		10
187	Alzheimer's disease detection using a Self-adaptive Resource Allocation Network classifier. , 2011, , .		17
188	ICGA-PSO-ELM Approach for Accurate Multiclass Cancer Classification Resulting in Reduced Gene Sets in Which Genes Encoding Secreted Proteins Are Highly Represented. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 452-463.	3.0	93
189	A Fast Learning Complex-valued Neural Classifier for real-valued classification problems. , 2011, , .		21
190	A sequential learning algorithm for meta-cognitive neuro-fuzzy inference system for classification problems. , 2011, , .		14
191	Direct adaptive neural-control system for seismically excited non-linear base-isolated buildings. , 2011, , .		2
192	Neural network based feedback error controller for helicopter. Aircraft Engineering and Aerospace Technology, 2011, 83, 283-295.	0.8	9
193	Fast Learning Fully Complex-Valued Classifiers for Real-Valued Classification Problems. Lecture Notes in Computer Science, 2011, , 602-609.	1.3	18
194	Online adaptive radial basis function networks for robust object tracking. Computer Vision and Image Understanding, 2010, 114, 297-310.	4.7	31
195	A sequential learning algorithm for self-adaptive resource allocation network classifier. Neurocomputing, 2010, 73, 3012-3019.	5.9	121
196	Performance enhancement of extreme learning machine for multi-category sparse data classification problems. Engineering Applications of Artificial Intelligence, 2010, 23, 1149-1157.	8.1	181
197	Fault-tolerant adaptive control of nonlinear base-isolated buildings using EMRAN. Engineering Structures, 2010, 32, 2477-2487.	5.3	35
198	Automatic take-off control system for helicopter — An H<inf>∞</inf> approach. , 2010, , .		3

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199	A self-regulated learning in Fully Complex-valued Radial Basis Function Networks. , 2010, , .		16
200	An intelligent fault-tolerant satellite attitude control system with-out hardware redundancies. , 2010, , .		1
201	Complex-valued function approximation using a Fully Complex-valued RBF (FC-RBF) learning algorithm. , 2009, , .		12
202	A FULLY COMPLEX-VALUED RADIAL BASIS FUNCTION NETWORK AND ITS LEARNING ALGORITHM. International Journal of Neural Systems, 2009, 19, 253-267.	5.2	103
203	A new learning algorithm with logarithmic performance index for complex-valued neural networks. Neurocomputing, 2009, 72, 3771-3781.	5.9	60
204	A new load distribution strategy for linear network with communication delays. Mathematics and Computers in Simulation, 2009, 79, 1488-1501.	4.4	9
205	A direct adaptive neural command controller design for an unstable helicopter. Engineering Applications of Artificial Intelligence, 2009, 22, 181-191.	8.1	36
206	No-reference image quality assessment using modified extreme learning machine classifier. Applied Soft Computing Journal, 2009, 9, 541-552.	7.2	213
207	Reversible Watermarking Algorithm Using Sorting and Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 989-999.	8.3	701
208	Adaptive beamforming using complex-valued Radial Basis Function neural networks. , 2009, , .		18
209	Adaptive neural flight control system for helicopter. , 2009, , .		5
210	Bio-inspired computing for launch vehicle design and trajectory optimization. , 2009, , .		2
211	Adaptive control of nonlinear smart base-isolated buildings using Gaussian kernel functions. Structural Control and Health Monitoring, 2008, 15, 585-603.	4.0	28
212	Risk-sensitive loss functions for sparse multi-category classification problems. Information Sciences, 2008, 178, 2621-2638.	6.9	108
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