

# Suresh Sundaram

## List of Publications by Year in descending order

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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	Reversible Watermarking Algorithm Using Sorting and Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 989-999.	8.3	701
2	Self regulating particle swarm optimization algorithm. Information Sciences, 2015, 294, 182-202.	6.9	248
3	No-reference image quality assessment using modified extreme learning machine classifier. Applied Soft Computing Journal, 2009, 9, 541-552.	7.2	213
4	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
5	A sequential learning algorithm for self-adaptive resource allocation network classifier. Neurocomputing, 2010, 73, 3012-3019.	5.9	121
6	A fully complex-valued radial basis function classifier for real-valued classification problems. Neurocomputing, 2012, 78, 104-110.	5.9	112
7	Lift coefficient prediction at high angle of attack using recurrent neural network. Aerospace Science and Technology, 2003, 7, 595-602.	4.8	111
8	A Metacognitive Neuro-Fuzzy Inference System (McFIS) for Sequential Classification Problems. IEEE Transactions on Fuzzy Systems, 2013, 21, 1080-1095.	9.8	109
9	Risk-sensitive loss functions for sparse multi-category classification problems. Information Sciences, 2008, 178, 2621-2638.	6.9	108
10	A meta-cognitive sequential learning algorithm for neuro-fuzzy inference system. Applied Soft Computing Journal, 2012, 12, 3603-3614.	7.2	107
11	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
12	A FULLY COMPLEX-VALUED RADIAL BASIS FUNCTION NETWORK AND ITS LEARNING ALGORITHM. International Journal of Neural Systems, 2009, 19, 253-267.	5.2	103
13	Meta-cognitive Neural Network for classification problems in a sequential learning framework. Neurocomputing, 2012, 81, 86-96.	5.9	103
14	Particle swarm optimization approach for multi-objective composite box-beam design. Composite Structures, 2007, 81, 598-605.	5.8	102
15	Metacognitive Learning in a Fully Complex-Valued Radial Basis Function Neural Network. Neural Computation, 2012, 24, 1297-1328.	2.2	100
16	Meta-cognitive RBF Network and its Projection Based Learning algorithm for classification problems. Applied Soft Computing Journal, 2013, 13, 654-666.	7.2	100
17	Prediction of unconfined compressive strength of soft grounds using computational intelligence techniques: A comparative study. Computers and Geotechnics, 2006, 33, 196-208.	4.7	96
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	No-reference JPEG-image quality assessment using GAP-RBF. Signal Processing, 2007, 87, 1493-1503.	3.7	82
22	A sequential multi-category classifier using radial basis function networks. Neurocomputing, 2008, 71, 1345-1358.	5.9	81
23	Parallel implementation of back-propagation algorithm in networks of workstations. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 24-34.	5.6	80
24	A Sequential Learning Algorithm for Complex-Valued Self-Regulating Resource Allocation Network-CSRN. IEEE Transactions on Neural Networks, 2011, 22, 1061-1072.	4.2	75
25	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
26	A Meta-Cognitive Learning Algorithm for an Extreme Learning Machine Classifier. Cognitive Computation, 2014, 6, 253-263.	5.2	68
27	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
28	Fast learning Circular Complex-valued Extreme Learning Machine (CC-ELM) for real-valued classification problems. Information Sciences, 2012, 187, 277-290.	6.9	65
29	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
30	A meta-cognitive interval type-2 fuzzy inference system and its projection based learning algorithm. Evolving Systems, 2014, 5, 219-230.	3.9	61
31	Development of a Self-Regulating Evolving Spiking Neural Network for classification problem. Neurocomputing, 2016, 171, 1216-1229.	5.9	61
32	A new learning algorithm with logarithmic performance index for complex-valued neural networks. Neurocomputing, 2009, 72, 3771-3781.	5.9	60
33	A complex-valued neuro-fuzzy inference system and its learning mechanism. Neurocomputing, 2014, 123, 110-120.	5.9	57
34	A meta-cognitive learning algorithm for a Fully Complex-valued Relaxation Network. Neural Networks, 2012, 32, 209-218.	5.9	56
35	A novel PBL-McRBFN-RFE approach for identification of critical brain regions responsible for Parkinson's disease. Expert Systems With Applications, 2014, 41, 478-488.	7.6	56
36	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

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37	Identification of brain regions responsible for Alzheimer's disease using a Self-adaptive Resource Allocation Network. <i>Neural Networks</i> , 2012, 32, 313-322.	5.9	47
38	Nonlinear Adaptive Neural Controller for Unstable Aircraft. <i>Journal of Guidance, Control, and Dynamics</i> , 2005, 28, 1103-1111.	2.8	45
39	HUMAN ACTION RECOGNITION USING META-COGNITIVE NEURO-FUZZY INFERENCE SYSTEM. <i>International Journal of Neural Systems</i> , 2012, 22, 1250028.	5.2	44
40	Directionally Driven Self-Regulating Particle Swarm Optimization algorithm. <i>Swarm and Evolutionary Computation</i> , 2016, 28, 98-116.	8.1	40
41	Stable indirect adaptive neural controller for a class of nonlinear system. <i>Neurocomputing</i> , 2011, 74, 2582-2590.	5.9	37
42	SEFRON: A New Spiking Neuron Model With Time-Varying Synaptic Efficacy Function for Pattern Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 1231-1240.	11.3	37
43	A direct adaptive neural command controller design for an unstable helicopter. <i>Engineering Applications of Artificial Intelligence</i> , 2009, 22, 181-191.	8.1	36
44	Fault-tolerant adaptive control of nonlinear base-isolated buildings using EMRAN. <i>Engineering Structures</i> , 2010, 32, 2477-2487.	5.3	35
45	Quantized insensitive consensus of Lipschitz nonlinear multi-agent systems using the incidence matrix. <i>Journal of the Franklin Institute</i> , 2015, 352, 4845-4863.	3.4	35
46	Hybrid real-coded genetic algorithm for data partitioning in multi-round load distribution and scheduling in heterogeneous systems. <i>Applied Soft Computing Journal</i> , 2014, 24, 500-510.	7.2	33
47	A discriminative subject-specific spatio-spectral filter selection approach for EEG based motor-imagery task classification. <i>Expert Systems With Applications</i> , 2016, 64, 375-384.	7.6	32
48	Online adaptive radial basis function networks for robust object tracking. <i>Computer Vision and Image Understanding</i> , 2010, 114, 297-310.	4.7	31
49	Identification of Helicopter Dynamics Using Recurrent Neural Networks and Flight Data. <i>Journal of the American Helicopter Society</i> , 2006, 51, 164-174.	0.8	29
50	A Metacognitive Complex-Valued Interval Type-2 Fuzzy Inference System. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014, 25, 1659-1672.	11.3	29
51	Protein secondary structure prediction using a small training set (compact model) combined with a Complex-valued neural network approach. <i>BMC Bioinformatics</i> , 2016, 17, 362.	2.6	29
52	A Self-Regulated Interval Type-2 Neuro-Fuzzy Inference System for Handling Nonstationarities in EEG Signals for BCI. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1565-1577.	9.8	29
53	Adaptive control of nonlinear smart base-isolated buildings using Gaussian kernel functions. <i>Structural Control and Health Monitoring</i> , 2008, 15, 585-603.	4.0	28
54	Direct adaptive neural flight control system for an unstable unmanned aircraft. <i>Applied Soft Computing Journal</i> , 2008, 8, 937-948.	7.2	28

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55	Estimation of composite damage model parameters using spectral finite element and neural network. Composites Science and Technology, 2004, 64, 2477-2493.	7.8	27
56	Target vector optimization of composite box beam using real-coded genetic algorithm: a decomposition approach. Structural and Multidisciplinary Optimization, 2006, 33, 131-146.	3.5	26
57	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
58	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
59	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
60	A Meta-cognitive Interval Type-2 fuzzy inference system classifier and its projection based learning algorithm. , 2013, , .		24
61	A two stage learning algorithm for a Growing-Pruning Spiking Neural Network for pattern classification problems. , 2015, , .		24
62	Design of a stability augmentation system for a helicopter using LQR control and ADS handling qualities specifications. Aircraft Engineering and Aerospace Technology, 2008, 80, 111-123.	0.8	23
63	Improved SRPSO algorithm for solving CEC 2015 computationally expensive numerical optimization problems. , 2015, , .		22
64	A Fully Complex-valued Fast Learning Classifier (FC-FLC) for real-valued classification problems. Neurocomputing, 2015, 149, 198-206.	5.9	22
65	The effect of start-up delays in scheduling divisible loads on bus networks: An alternate approach. Computers and Mathematics With Applications, 2003, 46, 1545-1557.	2.7	21
66	A Fast Learning Complex-valued Neural Classifier for real-valued classification problems. , 2011, , .		21
67	An on-line learning neural controller for helicopters performing highly nonlinear maneuvers. Applied Soft Computing Journal, 2012, 12, 360-371.	7.2	21
68	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
69	Direct Adaptive Neural Flight Controller for F-8 Fighter Aircraft. Journal of Guidance, Control, and Dynamics, 2006, 29, 454-464.	2.8	20
70	Scheduling Second-Order Computational Load in Master-Slave Paradigm. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 780-793.	4.7	20
71	Detection of onset of Alzheimer's disease from MRI images using a GA-ELM-PSO classifier. , 2013, , .		20
72	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

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73	Meta-Cognitive Neuro-Fuzzy Inference System for human emotion recognition. , 2012, , .		19
74	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
75	An Interclass Margin Maximization Learning Algorithm for Evolving Spiking Neural Network. IEEE Transactions on Cybernetics, 2019, 49, 989-999.	9.5	19
76	Adaptive beamforming using complex-valued Radial Basis Function neural networks. , 2009, , .		18
77	Autism spectrum disorder detection using projection based learning meta-cognitive RBF network. , 2013, , .		18
78	A novel Spatio-Temporal Fuzzy Inference System (SPATFIS) and its stability analysis. Information Sciences, 2019, 505, 84-99.	6.9	18
79	Fast Learning Fully Complex-Valued Classifiers for Real-Valued Classification Problems. Lecture Notes in Computer Science, 2011, , 602-609.	1.3	18
80	Alzheimer's disease detection using a Self-adaptive Resource Allocation Network classifier. , 2011, , .		17
81	Acoustic emission signal classification using fuzzy c-means clustering. , 0, , .		16
82	A self-regulated learning in Fully Complex-valued Radial Basis Function Networks. , 2010, , .		16
83	Scheduling nonlinear divisible loads in a single level tree network. Journal of Supercomputing, 2012, 61, 1068-1088.	3.6	16
84	Human action recognition using a fast learning fully complex-valued classifier. Neurocomputing, 2012, 89, 202-212.	5.9	16
85	Computer Aided Diagnosis of ADHD Using Brain Magnetic Resonance Images. Lecture Notes in Computer Science, 2013, , 386-395.	1.3	16
86	Image Quality Measurement Using Sparse Extreme Learning Machine Classifier. , 2006, , .		15
87	Human cognition inspired particle swarm optimization algorithm. , 2014, , .		15
88	Dividing rectangles attack multi-objective optimization. , 2016, , .		15
89	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
90	On-Line Learning Failure-Tolerant Neural-Aided Controller for Earthquake Excited Structures. Journal of Engineering Mechanics - ASCE, 2008, 134, 258-268.	2.9	14

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91	A sequential learning algorithm for meta-cognitive neuro-fuzzy inference system for classification problems. , 2011, , .		14
92	Complex-valued neuro-fuzzy inference system for wind prediction. , 2012, , .		14
93	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
94	Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach. International Journal of Parallel, Emergent and Distributed Systems, 2006, 21, 303-321.	1.0	13
95	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
96	Identification of potential biomarkers in the hippocampus region for the diagnosis of ADHD using PBL-McRBFN approach. , 2014, , .		13
97	Using regional homogeneity from functional MRI for diagnosis of ASD among males. , 2015, , .		13
98	A sequential learning algorithm for a spiking neural classifier. Applied Soft Computing Journal, 2015, 36, 255-268.	7.2	13
99	An interval type-2 fuzzy inference system and its meta-cognitive learning algorithm. Evolving Systems, 2016, 7, 95-105.	3.9	13
100	Autonomous Navigation and Sensorless Obstacle Avoidance for UGV with Environment Information from UAV. , 2018, , .		13
101	Complex-valued function approximation using a Fully Complex-valued RBF (FC-RBF) learning algorithm. , 2009, , .		12
102	Neural adaptive flight controller for ducted-fan UAV performing nonlinear maneuver. , 2013, , .		12
103	An Effect-Size Based Channel Selection Algorithm for Mental Task Classification in Brain Computer Interface. , 2015, , .		12
104	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
105	NEURAL ADAPTIVE CONTROL FOR VIBRATION SUPPRESSION IN COMPOSITE FIN-TIP OF AIRCRAFT. International Journal of Neural Systems, 2008, 18, 219-231.	5.2	11
106	A fast learning Fully Complex-valued Relaxation Network (FCRN). , 2011, , .		11
107	Human action recognition using Meta-Cognitive Neuro-Fuzzy Inference System. , 2012, , .		11
108	Fast learning complex-valued classifiers for real-valued classification problems. International Journal of Machine Learning and Cybernetics, 2013, 4, 469-476.	3.6	11

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109	Online Meta-neuron based Learning Algorithm for a spiking neural classifier. Information Sciences, 2017, 414, 19-32.	6.9	11
110	Neural networks based identification of helicopter dynamics using flight data. , 0, , .		10
111	Parallel Magnetic Resonance Imaging using Neural Networks. , 2007, , .		10
112	Complex-valued function approximation using an improved BP learning algorithm for feed-forward networks. , 2008, , .		10
113	Online learning neural tracker. Neurocomputing, 2011, 74, 1681-1695.	5.9	10
114	Fully complex-valued ELM classifiers for human action recognition. , 2011, , .		10
115	Meta-cognitive q-Gaussian RBF network for binary classification: Application to mild cognitive impairment (MCI). , 2013, , .		10
116	A basis coupled evolving spiking neural network with afferent input neurons. , 2013, , .		10
117	Discrete direct adaptive ELM controller for active vibration control of nonlinear base isolation buildings. Neurocomputing, 2014, 129, 246-256.	5.9	10
118	Multi-class BCGA-ELM based classifier that identifies biomarkers associated with hallmarks of cancer. BMC Bioinformatics, 2015, 16, 166.	2.6	10
119	Hypervolume-Based DIRECT for Multi-Objective Optimisation. , 2016, , .		10
120	Meta-cognitive Regression Neural Network for function approximation: Application to Remaining Useful Life estimation. , 2016, , .		10
121	Adaptive Online Learning With Regularized Kernel for One-Class Classification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, , 1-16.	9.3	10
122	A new load distribution strategy for linear network with communication delays. Mathematics and Computers in Simulation, 2009, 79, 1488-1501.	4.4	9
123	Neural network based feedback error controller for helicopter. Aircraft Engineering and Aerospace Technology, 2011, 83, 283-295.	0.8	9
124	A projection based learning in Meta-cognitive Radial Basis Function Network for classification problems. , 2012, , .		9
125	Identification of imaging biomarkers responsible for Alzheimer's Disease using a McRBFN classifier. , 2015, , .		9
126	HumanCog: A cognitive architecture for solving optimization problems. , 2015, , .		9



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127	Online Writer Identification Using Sparse Coding and Histogram Based Descriptors. , 2016, , .		9
128	Learning elastic memory online for fast time series forecasting. Neurocomputing, 2020, 390, 315-326.	5.9	9
129	Real-Coded Genetic Algorithms for Optimal Static Load Balancing in Distributed Computing System with Communication Delays. Lecture Notes in Computer Science, 2005, , 269-279.	1.3	8
130	Reversible Watermarking Algorithm with Distortion Compensation. Eurasip Journal on Advances in Signal Processing, 2011, 2010, .	1.7	8
131	Alzheimer's disease detection using a Projection Based Learning Meta-cognitive RBF Network. , 2012, , .		8
132	Human meta-cognition inspired collaborative search algorithm for optimization. , 2014, , .		8
133	A Naive multi-scale search algorithm for global optimization problems. Information Sciences, 2016, 372, 294-312.	6.9	8
134	Multi-Objective Simultaneous Optimistic Optimization. Information Sciences, 2018, 424, 159-174.	6.9	8
135	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
136	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
137	Robust Object Tracking with Radial Basis Function Networks. , 2007, , .		7
138	Lexicon-Free, Novel Segmentation of Online Handwritten Indic Words. , 2011, , .		7
139	A computationally fast Interval Type-2 Neuro-Fuzzy Inference System and its Meta-Cognitive projection based learning algorithm. , 2014, , .		7
140	A sequential learning algorithm for a Minimal Spiking Neural Network (MSNN) classifier. , 2014, , .		7
141	A subject-specific frequency band selection for efficient BCI- an interval type-2 fuzzy inference system approach. , 2015, , .		7
142	Mentoring based particle swarm optimization algorithm for faster convergence. , 2015, , .		7
143	A decentralized game theoretic approach for team formation and task assignment by autonomous unmanned aerial vehicles. , 2017, , .		7
144	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

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145	Metaheuristic Spatial Transformation (MST) for accurate detection of Attention Deficit Hyperactivity Disorder (ADHD) using rs-fMRI. , 2020, 2020, 2829-2832.		7
146	Bayesian Neuro-Fuzzy Inference System for Temporal Dependence Estimation. IEEE Transactions on Fuzzy Systems, 2021, 29, 2479-2490.	9.8	7
147	Complex-Valued Neuro-Fuzzy Inference System Based Classifier. Lecture Notes in Computer Science, 2012, , 348-355.	1.3	7
148	Estimation of degraded composite laminate properties using acoustic wave propagation model and a reduction prediction network. Engineering Computations, 2005, 22, 849-876.	1.4	6
149	Performance enhancement of online handwritten Tamil symbol recognition with reevaluation techniques. Pattern Analysis and Applications, 2014, 17, 587-609.	4.6	6
150	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
151	MSO: a framework for bound-constrained black-box global optimization algorithms. Journal of Global Optimization, 2016, 66, 811-845.	1.8	6
152	Wave Forecasting using Meta-cognitive Interval Type-2 Fuzzy Inference System. Procedia Computer Science, 2018, 144, 33-41.	2.0	6
153	Wind Speed Intervals Prediction using Meta-cognitive Approach. Procedia Computer Science, 2018, 144, 23-32.	2.0	6
154	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
155	FPA clust: evaluation of the flower pollination algorithm for data clustering. Evolutionary Intelligence, 2019, 14, 1189.	3.6	6
156	Multi-Region Risk-Sensitive Cognitive Ensembler for Accurate Detection of Attention-Deficit/Hyperactivity Disorder. Cognitive Computation, 2019, 11, 545-559.	5.2	6
157	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
158	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
159	A Decentralized Multirobot Spatiotemporal Multitask Assignment Approach for Perimeter Defense. IEEE Transactions on Robotics, 2022, 38, 3085-3096.	10.3	6
160	A Real Coded Genetic Algorithm for Data Partitioning and Scheduling in Networks with Arbitrary Processor Release Time. Lecture Notes in Computer Science, 2005, , 529-539.	1.3	5
161	A Novel Hierarchical Classification Scheme for Online Tamil Character Recognition. Proc Int Conf Doc Anal Recognit, 2007, , .	0.0	5
162	Adaptive neural flight control system for helicopter. , 2009, , .		5

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163	Neural adaptive back stepping flight controller for a ducted fan UAV. , 2012, , .		5
164	ICGA-ELM classifier for Alzheimer's disease detection. , 2013, , .		5
165	Protein secondary structure prediction using a fully complex-valued relaxation network. , 2013, , .		5
166	Zero-Error Density Maximization based learning algorithm for a neuro-fuzzy inference system. , 2013, , .		5
167	ASD detection in males using MRI- an age-group based study. , 2015, , .		5
168	A multi-objective approach for 3D airspace sectorization: A study on Singapore regional airspace. , 2016, , .		5
169	A Meta-cognitive Recurrent Fuzzy Inference System with Memory Neurons (McRFIS-MN) and its Fast Learning Algorithm for Time Series Forecasting. , 2018, , .		5
170	Mutli-agent consensus under communication failure using Actor-Critic Reinforcement Learning. , 2018, , .		5
171	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
172	A Projection Based Learning Meta-cognitive RBF Network Classifier for Effective Diagnosis of Parkinsonâ€™s Disease. Lecture Notes in Computer Science, 2012, , 611-620.	1.3	5
173	Design and integration of a drone based passive manipulator for capturing flying targets. Robotica, 2022, 40, 2349-2364.	1.9	5
174	Meta-cognitive Interval Type-2 neuro-fuzzy inference system for wind prediction. , 2014, , .		4
175	Meta-cognitive fuzzy extreme learning machine. , 2014, , .		4
176	DE vs. PSO: A Performance Assessment for Expensive Problems. , 2015, , .		4
177	An enhanced effect-size thresholding method for the diagnosis of Autism Spectrum Disorder using resting state functional MRI. , 2016, , .		4
178	A fully tuned sequential interval type-2 fuzzy inference system for motor-imagery task classification. , 2016, , .		4
179	Meta-cognitive interval type-2 fuzzy controller for quadcopter flight control- an EEG based approach. , 2016, , .		4
180	A rolling horizon optimization approach for dynamic airspace sectorization. IFAC Journal of Systems and Control, 2020, 11, 100076.	1.7	4

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181	Target Acceleration Estimation from Radar Position Data using Neural Network. Defence Science Journal, 2005, 55, 313-328.	0.8	4
182	Robust EMRAN-aided coupled controller for autonomous vehicles. Engineering Applications of Artificial Intelligence, 2022, 110, 104717.	8.1	4
183	Nonlinear Neural Flight Control System Design. , 2004, , .		3
184	An equivalent network for divisible load scheduling in nonblocking mode of communication. Computers and Mathematics With Applications, 2005, 49, 1413-1431.	2.7	3
185	Neural Adaptive Flight Controllers for Helicopters. , 2006, , .		3
186	Automatic take-off control system for helicopter &#x2014; An H<inf>&#x221E;</inf> approach. , 2010, , .		3
187	A projection based learning algorithm for Meta-Cognitive Neuro-Fuzzy Inference system. , 2013, , .		3
188	Multi-Objective Self Regulating Particle Swarm Optimization algorithm for BMOBench platform. , 2016, , .		3
189	A robust interval Type-2 Fuzzy Inference based BCI system. , 2016, , .		3
190	Pareto-aware strategies for faster convergence in multi-objective multi-scale search optimization. Information Sciences, 2018, 454-455, 1-15.	6.9	3
191	A fast and self-adaptive on-line learning detection system. Procedia Computer Science, 2018, 144, 13-22.	2.0	3
192	Efficient resource allocation for decentralized heterogeneous system using density estimation approach. Encyclopedia With Semantic Computing and Robotic Intelligence, 2018, 02, 1850008.	0.2	3
193	Histogram-Based Matching of GMM Encoded Features for Online Signature Verification. , 2018, , .		3
194	Revisiting norm optimization for multi-objective black-box problems: a finite-time analysis. Journal of Global Optimization, 2019, 73, 659-673.	1.8	3
195	Self-regulated Learning Algorithm for Distributed Coding Based Spiking Neural Classifier. , 2020, , .		3
196	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
197	Graph-Embedded Multi-Layer Kernel Ridge Regression for One-Class Classification. Cognitive Computation, 2021, 13, 552-569.	5.2	3
198	Spatio-Temporal Look-Ahead Trajectory Prediction using Memory Neural Network. , 2021, , .		3

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199	Meta-Cognitive Learning Neural Classifier for Alzheimer's Disease Detection. Lecture Notes in Computer Science, 2015, , 606-617.	1.3	3
200	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
201	Nonlinear lateral command control using neural network for F-16 aircraft. , 0, , .		2
202	Direct Adaptive Neural Controller for Earthquake Excited Nonlinear Base Isolated Buildings. , 2007, , .		2
203	Bio-inspired computing for launch vehicle design and trajectory optimization. , 2009, , .		2
204	Direct adaptive neural-control system for seismically excited non-linear base-isolated buildings. , 2011, , .		2
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