Kazuyuki Murase

List of Publications by Year
in descending order

184 papers	5,644 citations	109264 35 h-index	82499 72 g-index
194 all docs	194 docs citations	194 times ranked	4272 citing authors

#	Article	IF	Citations
1	MWMOTE--Majority Weighted Minority Oversampling Technique for Imbalanced Data Set Learning. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 405-425.	4.0	759
2	Excitatory and inhibitory amino acids and peptide-induced responses in acutely isolated rat spinal dorsal horn neurons. Neuroscience Letters, 1989, 103, 56-63.	1.0	422
3	A constructive algorithm for training cooperative neural network ensembles. IEEE Transactions on Neural Networks, 2003, 14, 820-834.	4.8	245
4	Serotonin suppressesN-methyl-d-aspartate responses in acutely isolated spinal dorsal horn neurons of the rat. Brain Research, 1990, 525, 84-91.	1.1	223
5	A new local search based hybrid genetic algorithm for feature selection. Neurocomputing, 2011, 74, 2914-2928.	3.5	218
6	A new hybrid ant colony optimization algorithm for feature selection. Expert Systems With Applications, 2012, 39, 3747-3763.	4.4	200
7	A new wrapper feature selection approach using neural network. Neurocomputing, 2010, 73, 3273-3283.	3.5	173
8	The actions of neuropeptides on dorsal horn neurons in the rat spinal cord slice preparation: an intracellular study. Brain Research, 1982, 234, 170-176.	1.1	157
9	Single-layered complex-valued neural network for real-valued classification problems. Neurocomputing, 2009, 72, 945-955.	3.5	153
10	Horizontal propagation of excitation in rat visual cortical slices revealed by optical imaging. Science, 1994, 266, 1057-1059.	6.0	146
11	Actions of substance P on rat spinal dorsal horn neurones.. Journal of Physiology, 1984, 346, 203-217.	1.3	140
12	Actions of calcitonin gene-related peptide on rat spinal dorsal horn neurons. Brain Research, 1988, 441, 357-361.	1.1	126
13	Electrophysiological properties of rat spinal dorsal horn neurones in vitro: calciumâ€dependent action potentials.. Journal of Physiology, 1983, 334, 141-153.	1.3	123
14	A New Adaptive Merging and Growing Algorithm for Designing Artificial Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 705-722.	5.5	102
15	Evolutionary Path Control Strategy for Solving Many-Objective Optimization Problem. IEEE Transactions on Cybernetics, 2015, 45, 702-715.	6.2	99
16	A new algorithm to design compact two-hidden-layer artificial neural networks. Neural Networks, 2001, 14, 1265-1278.	3.3	98
17	Adaptive weighted fuzzy rule-based system for the risk level assessment of heart disease. Applied Intelligence, 2018, 48, 1739-1756.	3.3	98
18	Calcitonin gene-related peptide enhances calcium current of rat dorsal root ganglion neurons and spinal excitatory synaptic transmission. Neuroscience Letters, 1988, 89, 305-312.	1.0	84

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19	Tachykinins modulate multiple ionic conductances in voltage-clamped rat spinal dorsal horn neurons. Journal of Neurophysiology, 1989, 61, 854-865.	0.9	82
20	Noradrenaline Excites and Inhibits GABAergic Transmission in Parvocellular Neurons of Rat Hypothalamic Paraventricular Nucleus. Journal of Neurophysiology, 2002, 87, 2287-2296.	0.9	80
21	Substance P augments a persistent slow inward calcium-sensitive current in voltage-clamped spinal dorsal horn neurons of the rat. Brain Research, 1986, 365, 369-376.	1.1	78
22	Long-term potentiation of neuronal excitation by neuron-glia interactions in the rat spinal dorsal horn. European Journal of Neuroscience, 2007, 25, 1297-1306.	1.2	77
23	Bagging and Boosting Negatively Correlated Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 771-784.	5.5	73
24	Contribution of Microglia and Astrocytes to the Central Sensitization, Inflammatory and Neuropathic Pain in the Juvenile Rat. Molecular Pain, 2012, 8, 1744-8069-8-43.	1.0	70
25	Vasoactive intestinal polypeptide excites mammalian dorsal horn neurons both in vivo and in vitro. Brain Research, 1982, 243, 158-164.	1.1	57
26	Glial Nitric Oxide-Mediated Long-Term Presynaptic Facilitation Revealed by Optical Imaging in Rat Spinal Dorsal Horn. Journal of Neuroscience, 2004, 24, 9888-9896.	1.7	54
27	A Novel Synthetic Minority Oversampling Technique for Imbalanced Data Set Learning. Lecture Notes in Computer Science, 2011, , 735-744.	1.0	50
28	Robust Changes of Afferent-Induced Excitation in the Rat Spinal Dorsal Horn After Conditioning High-Frequency Stimulation. Journal of Neurophysiology, 2000, 83, 2412-2420.	0.9	46
29	Ensemble of single-layered complex-valued neural networks for classification tasks. Neurocomputing, 2009, 72, 2227-2234.	3.5	46
30	A New Constructive Algorithm for Architectural and Functional Adaptation of Artificial Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1590-1605.	5.5	46
31	Chaotic dynamics of a behavior-based miniature mobile robot: effects of environment and control structure. Neural Networks, 2005, 18, 123-144.	3.3	40
32	Optical imaging of the in vitro guinea pig piriform cortex activity using a voltage-sensitive dye. Neuroscience Letters, 1994, 165, 215-218.	1.0	38
33	Binarization With Boosting and Oversampling for Multiclass Classification. IEEE Transactions on Cybernetics, 2016, 46, 1078-1091.	6.2	38
34	A Paper Currency Recognition System Using Negatively Correlated Neural Network Ensemble. Journal of Multimedia, 2010, 5, .	0.3	38
35	Wirtinger Calculus Based Gradient Descent and Levenberg-Marquardt Learning Algorithms in Complex-Valued Neural Networks. Lecture Notes in Computer Science, 2011, , 550-559.	1.0	37
36	Cholinergic effects on spinal dorsal horn neurons in vitro: an intracellular study. Brain Research, 1989, 500, 12-20.	1.1	35

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37	Bangla handwritten character recognition using deep belief network. , 2014, , .		34
38	Glycine-insensitive desensitization of receptors in acutely isolated mammalian central neurons. Neuroscience Letters, 1990, 108, 93-98.	1.0	33
39	Optical responses evoked by single-pulse stimulation to the dorsal root in the rat spinal dorsal horn in slice. Brain Research, 1998, 812, 81-90.	1.1	33
40	Layered Ensemble Architecture for Time Series Forecasting. IEEE Transactions on Cybernetics, 2016, 46, 270-283.	6.2	31
41	Synaptic plasticity in the spinal dorsal horn. Neuroscience Research, 2009, 64, 133-136.	1.0	30
42	ProWSyn: Proximity Weighted Synthetic Oversampling Technique for Imbalanced Data Set Learning. Lecture Notes in Computer Science, 2013, , 317-328.	1.0	30
43	Actions of Cholecystokinin Octapeptide on Rat Spinal Dorsal Horn Neuronsa. Annals of the New York Academy of Sciences, 1985, 448, 385-402.	1.8	27
44	FASTER TRAINING USING FUSION OF ACTIVATION FUNCTIONS FOR FEED FORWARD NEURAL NETWORKS. International Journal of Neural Systems, 2009, 19, 437-448.	3.2	27
45	ENSEMBLES OF NEURAL NETWORKS BASED ON THE ALTERATION OF INPUT FEATURE VALUES. International Journal of Neural Systems, 2012, 22, 77-87.	3.2	27
46	Astrocytes are involved in long-term facilitation of neuronal excitation in the anterior cingulate cortex of mice with inflammatory pain. Pain, 2013, 154, 2836-2843.	2.0	26
47	Effects of antagonists on response in acutely isolated nucleus tractus solitarii neurons of the rat. Neuroscience Letters, 1990, 113, 169-174.	1.0	25
48	Robust Suppression of Afferent-Induced Excitation in the Rat Spinal Dorsal Horn After Conditioning Low-Frequency Stimulation. Journal of Neurophysiology, 1999, 82, 1957-1964.	0.9	25
49	Diversity Guided Evolutionary Programming: A novel approach for continuous optimization. Applied Soft Computing Journal, 2012, 12, 1693-1707.	4.1	25
50	A COMPARATIVE STUDY OF DATA SAMPLING TECHNIQUES FOR CONSTRUCTING NEURAL NETWORK ENSEMBLES. International Journal of Neural Systems, 2009, 19, 67-89.	3.2	24
51	Contribution of Anterior Cingulate Cortex and Descending Pain Inhibitory System to Analgesic Effect of Lemon Odor in Mice. Molecular Pain, 2014, 10, 1744-8069-10-14.	1.0	23
52	The distribution of excitatory amino acid receptors on acutely dissociated dorsal horn neurons from postnatal rats. Neuroscience, 1993, 52, 159-167.	1.1	22
53	Slow intrinsic optical signals in the rat spinal dorsal horn in slice. NeuroReport, 1998, 9, 3663-3667.	0.6	22
54	Orthogonal least squares based complex-valued functional link network. Neural Networks, 2012, 32, 257-266.	3.3	20

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55	Injecting Chaos in Feedforward Neural Networks. Neural Processing Letters, 2011, 34, 87-100.	2.0	18
56	Possible presence of the ATP-sensitive K+ channel in isolated spinal dorsal horn neurons of the rat. Neuroscience Letters, 1994, 170, 208-212.	1.0	17
57	Real-Time Hand Gesture Recognition Using Complex-Valued Neural Network (CVNN). Lecture Notes in Computer Science, 2011, , 541-549.	1.0	16
58	A Spiking Neural Network with dynamic memory for a real autonomous mobile robot in dynamic environment. , 2008, , .		15
59	SELF-ORGANIZATION OF SPIKING NEURAL NETWORK THAT GENERATES AUTONOMOUS BEHAVIOR IN A REAL MOBILE ROBOT. International Journal of Neural Systems, 2006, 16, 229-239.	3.2	14
60	Determining auditory-evoked activities from multiple cells in layer 1 of the dorsal cortex of the inferior colliculus of mice by in vivo calcium imaging. Brain Research, 2014, 1590, 45-55.	1.1	14
61	Effects of corticotropin-releasing factor on plasticity of optically recorded neuronal activity in the substantia gelatinosa of rat spinal cord slices. Pain, 2003, 106, 197-207.	2.0	13
62	Depression of Presynaptic Excitation by the Activation of Vanilloid Receptor 1 in the Rat Spinal Dorsal Horn Revealed by Optical Imaging. Molecular Pain, 2006, 2, 1744-8069-2-8.	1.0	13
63	Recurring Two-Stage Evolutionary Programming: A Novel Approach for Numeric Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1352-1365.	5.5	13
64	Classification of Skeletal Wireframe Representation of Hand Gesture Using Complex-Valued Neural Network. Neural Processing Letters, 2015, 42, 649-664.	2.0	13
65	Effect of halothane on neuronal excitation in the superficial dorsal horn of rat spinal cord slices: evidence for a presynaptic action. European Journal of Neuroscience, 2002, 15, 1278-1290.	1.2	12
66	An Efficient Feature Selection Using Ant Colony Optimization Algorithm. Lecture Notes in Computer Science, 2009, , 242-252.	1.0	12
67	Filamin A-interacting protein (FILIP) is a region-specific modulator of myosin 2b and controls spine morphology and NMDA receptor accumulation. Scientific Reports, 2014, 4, 6353.	1.6	12
68	A LEMPEL-ZIV COMPLEXITY-BASED NEURAL NETWORK PRUNING ALGORITHM. International Journal of Neural Systems, 2011, 21, 427-441.	3.2	11
69	Optimization of interval type-2 fuzzy logic controller using quantum genetic algorithms. , 2012, , .		11
70	Optimization of Fuzzy Logic Controllers with Rule Base Size Reduction using Genetic Algorithms. International Journal of Information Technology and Decision Making, 2015, 14, 1063-1092.	2.3	11
71	Quaternion neuro-fuzzy learning algorithm for generation of fuzzy rules. Neurocomputing, 2016, 216, 638-648.	3.5	11
72	An Automatic Speaker Recognition System. Lecture Notes in Computer Science, 2007, , 517-526.	1.0	11

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73	Functional circuitry for the induction of prolonged excitation in the rat spinal dorsal horn. European Journal of Neuroscience, 1999, 11, 3355-3358.	1.2	10
74	Nitric oxide-dependent long-term potentiation revealed by real-time imaging of nitric oxide production and neuronal excitation in the dorsal horn of rat spinal cord slices. European Journal of Neuroscience, 2006, 23, 1939-1943.	1.2	10
75	A Simple Aplysia-Like Spiking Neural Network to Generate Adaptive Behavior in Autonomous Robots. Adaptive Behavior, 2008, 16, 306-324.	1.1	10
76	Neural Network Training Algorithm with Positive Correlation. IEICE Transactions on Information and Systems, 2005, E88-D, 2399-2409.	0.4	10
77	Simplified Real-, Complex-, and Quaternion-Valued Neuro-Fuzzy Learning Algorithms. International Journal of Intelligent Systems and Applications, 2018, 10, 1-13.	0.9	10
78	Intrinsic optical signals in the dorsal horn of rat spinal cord slices elicited by brief repetitive stimulation. European Journal of Neuroscience, 2002, 15, 1737-1746.	1.2	9
79	Progressive interactive training: A sequential neural network ensemble learning method. Neurocomputing, 2009, 73, 260-273.	3.5	9
80	Optimization of fuzzy logic controllers with rule base size reduction using genetic algorithms. , 2013, , .		9
81	Ant Colony Optimization Toward Feature Selection. , 0, , .		9
82	A Pruning Algorithm for Training Cooperative Neural Network Ensembles. IEICE Transactions on Information and Systems, 2006, E89-D, 1257-1269.	0.4	9
83	Effects of dopamine agonists and antagonists on optical responses evoked in rat frontal cortex slices after stimulation of the subcortical white matter. Experimental Brain Research, 1999, 125, 383-388.	0.7	8
84	An implementation of on-line traffic information system via short message service (SMS) for Bangladesh. , 2008, , .		8
85	Long-term potentiation of neuronal excitation in the central nucleus of the rat amygdala revealed by imaging with a voltage-sensitive dye. Brain Research, 2010, 1349, 32-40.	1.1	8
86	Complex-valued functional link network design by orthogonal least squares method for function approximation problems. , 2011, , .		8
87	Genetic algorithm based fully automated and adaptive fuzzy logic controller. , 2011, , .		8
88	Particle Swarm Optimization Based Adaptive Strategy for Tuning of Fuzzy Logic Controller. International Journal of Artificial Intelligence & Applications, 2013, 4, 37-50.	0.3	8
89	Convolutional neural networks with multi-valued neurons. , 2017, , .		8
90	Involving New Local Search in Hybrid Genetic Algorithm for Feature Selection. Lecture Notes in Computer Science, 2009, , 150-158.	1.0	8

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91	Properties of glutamate channels in solitary horizontal cells of the goldfish retina. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1987, 6, S175-S190.	0.0	7
92	Effect of Excitatory and Inhibitory Agents and a Glial Inhibitor on Optically-Recorded Primary-Afferent Excitation. Molecular Pain, 2008, 4, 1744-8069-4-39.	1.0	7
93	Sensor-fusion in spiking neural network that generates autonomous behavior in real mobile robot. , 2008, , .		7
94	A Hierarchical Autonomous Robot Controller for Learning and Memory: Adaptation in a Dynamic Environment. Adaptive Behavior, 2009, 17, 179-196.	1.1	7
95	Capacitated Vehicle Routing Problem Solving using Adaptive Sweep and Velocity Tentative PSO. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	7
96	Simultaneous design of membership functions and rule sets for type-2 fuzzy controllers using genetic algorithms. , 2011, , .		6
97	Context likelihood of relatedness with maximal information coefficient for Gene Regulatory Network inference. , 2015, , .		6
98	Single-Layered Complex-Valued Neural Network with SMOTE for Imbalanced Data Classification. , 2016, , .		6
99	Capacitated Vehicle Routing Problem Solving through Adaptive Sweep Based Clustering plus Swarm Intelligence based Route Optimization. Oriental Journal of Computer Science and Technology, 2018, 11, 88-102.	0.6	6
100	An adaptive merging and growing algorithm for designing artificial neural networks. , 2008, , .		5
101	Single-layered complex-valued neural networks and their ensembles for real-valued classification problems. , 2008, , .		5
102	SYMMETRY AXIS BASED OBJECT RECOGNITION UNDER TRANSLATION, ROTATION AND SCALING. International Journal of Neural Systems, 2009, 19, 25-42.	3.2	5
103	Maximization of the gradient function for efficient neural network training. , 2010, , .		5
104	A Novel Bioinspired Vision System: A Step toward Real-Time Human-Robot Interactions. Journal of Robotics, 2011, 2011, 1-9.	0.6	5
105	Enhancing MP3 encoding by utilizing a predictive Complex-Valued Neural Network. , 2012, , .		5
106	GOS-IL: A Generalized Over-Sampling Based Online Imbalanced Learning Framework. Lecture Notes in Computer Science, 2015, , 680-687.	1.0	5
107	A Robust System for Noisy Image Classification Combining Denoising Autoencoder and Convolutional Neural Network. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.5	5
108	Exploring constructive algorithms with stopping criteria to produce accurate and diverse individual neural networks in an ensemble. , 0, , .		5

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109	Use-dependent Synaptic Connection Modification in SNN Generating Autonomous Behavior in a Khepera Mobile Robot. , 2006, , .		4
110	A New Local Search Based Ant Colony Optimization Algorithm for Solving Combinatorial Optimization Problems. IEICE Transactions on Information and Systems, 2010, E93-D, 1127-1136.	0.4	4
111	Fuzzy logic controller for an inverted pendulum system using quantum genetic optimization. , 2011, , .		4
112	Using complex-valued Levenberg-Marquardt algorithm for learning and recognizing various hand gestures. , 2012, , .		4
113	Quaternion Neuro-fuzzy Learning Algorithm for Fuzzy Rule Generation. , 2013, , .		4
114	Neural Network Ensemble Training by Sequential Interaction. Lecture Notes in Computer Science, 2007, , 98-108.	1.0	4
115	A Backward Feature Selection by Creating Compact Neural Network Using Coherence Learning and Pruning. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2007, 11, 570-581.	0.5	4
116	Optimization of Fuzzy Logic Controller for Trajectory Tracking Using Genetic Algorithm. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2011, 15, 639-651.	0.5	4
117	Back-propagation learning of autonomous behavior: A mobile robot Khepera took a lesson from the future consequences. Lecture Notes in Computer Science, 1998, , 280-286.	1.0	3
118	Generation of equal length patterns from heterogeneous patterns for using in artificial neural networks. , 2008, , .		3
119	Vision-sensorimotor abstraction and imagination towards exploring robot’s inner world. , 2008, , .		3
120	Design of a self-tuning hierarchical fuzzy logic controller for nonlinear swing up and stabilizing control of inverted pendulum. , 2012, , .		3
121	Group Search Optimization to solve Traveling Salesman Problem. , 2012, , .		3
122	A New Recurring Multistage Evolutionary Algorithm for Solving Problems Efficiently. , 2007, , 97-106.		3
123	Inhibitory effect of caffeine on C-fibre-evoked excitation in the rat spinal dorsal horn recorded under Ca^{2+}-free condition: an interaction with halothane. Neuroscience Letters, 2003, 336, 17-20.	1.0	2
124	Making use of damped noisy gradient in training neural network. , 2010, , .		2
125	An adaptive fuzzy logic controller based on real coded quantum-inspired evolutionary algorithm. , 2011, , .		2
126	Forecasting time series — A layered ensemble architecture. , 2014, , .		2

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127	An algorithmic framework based on the binarization approach for supervised and semi-supervised multiclass problems. , 2014, , .		2
128	Generation of Fuzzy Rules by a Complex-Valued Neuro-Fuzzy Learning Algorithm. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2015, 27, 533-548.	0.0	2
129	Link Prediction in Scientists Collaboration with Author Name and Affiliation. , 2016, , .		2
130	Adaptive Fuzzy Logic Controllers Using Hybrid Genetic Algorithms. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2019, 27, 41-71.	0.9	2
131	Artificial Bee Colony Algorithm with Improved Explorations for Numerical Function Optimization. Lecture Notes in Computer Science, 2012, , 1-8.	1.0	2
132	Design and Implementation of an Effective Fuzzy Logic Controller based on Quantum Inspired Evolutionary Algorithm. Journal of Computers, 2012, 7, .	0.4	2
133	Extraction of Interesting Rules from Internet Search Histories. Journal of Software, 2011, 6, .	0.6	2
134	A New Constructive Algorithm for Designing and Training Artificial Neural Networks. Lecture Notes in Computer Science, 2008, , 317-327.	1.0	2
135	A Novel Algorithm for Associative Classification. Lecture Notes in Computer Science, 2007, , 453-459.	1.0	2
136	Analysis of the scenery perceived by a real mobile robot Khepera. Lecture Notes in Computer Science, 1998, , 295-302.	1.0	1
137	Aplysia-like SNN model: An idea toward a compact adaptive controller for a physical Robot. Neuroscience Research, 2010, 68, e403.	1.0	1
138	An encoding technique for design and optimization of combinational logic circuit. , 2010, , .		1
139	Designing a fully automated hierarchical fuzzy logic controllers using evolutionary algorithms. , 2013, , .		1
140	Stabilization control of an inverted pendulum by complex-valued neuro-fuzzy learning algorithm. , 2014, , .		1
141	Development of a neural circuit in the superior colliculus. NeuroReport, 2014, 25, 242-247.	0.6	1
142	Multi-valued autoencoders for multi-valued neural networks. , 2016, , .		1
143	Self-Organization of Spiking Neural Network Generating Autonomous Behavior in a Miniature Mobile Robot. , 2006, , 255-260.		1
144	A New Adaptive Strategy for Pruning and Adding Hidden Neurons during Training Artificial Neural Networks. Lecture Notes in Computer Science, 2008, , 40-48.	1.0	1

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145	Vision-Motor Abstraction toward Robot Cognition. Lecture Notes in Computer Science, 2009, , 65-74.	1.0	1
146	A New Dynamic Edge Detection toward Better Human-Robot Interaction. Lecture Notes in Computer Science, 2009, , 44-52.	1.0	1
147	Adapting Real Mobile Robots to Complex Environments Using a Pattern Association Network Controller (PAN-C). Journal of Advanced Computational Intelligence and Intelligent Informatics, 2009, 13, 312-319.	0.5	1
148	Ensembles of Artificial Example based Neural Networks. Journal of Computers, 2010, 5, .	0.4	1
149	Hybrid Ensemble Construction with Selected Neural Networks. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2011, 15, 652-661.	0.5	1
150	Artificial Bee Colony Algorithm with Adaptive Explorations and Exploitations: A Novel Approach for Continuous Optimization. International Journal of Applied Information Systems, 2015, 8, 32-43.	0.1	1
151	Convergence of coherent components of neural networks by positive correlation learning. , 0, , .		0
152	Glia-mediated facilitation of neuronal excitation in the spinal dorsal horn in the arthritic rat. Neuroscience Research, 2007, 58, S125.	1.0	0
153	Training of neural network ensemble through progressive interaction. , 2008, , .		0
154	How to maintain information content in artificial neural networks with coherence adaptation. , 2008, , .		0
155	HCBPM: An Idea toward a Social Learning Environment for Humanoid Robot. Journal of Robotics, 2010, 2010, 1-13.	0.6	0
156	Extraction of interesting features from human motion. 3D Research, 2010, 1, 1.	1.8	0
157	A complexity based Silent Pruning Algorithm. , 2010, , .		0
158	Contribution of glial cells on the optically-recorded neuronal excitation in the rat spinal dorsal horn under neuropathic pain. Neuroscience Research, 2010, 68, e161.	1.0	0
159	Chaotic dynamics of supervised neural network. , 2010, , .		0
160	Designing an effective Fuzzy Logic Controller based on Quantum Evolutionary Algorithm. , 2010, , .		0
161	Influence of inhibitory input to tonotopic organization of the inferior colliculus by voltage and Ca2+ imaging. Neuroscience Research, 2011, 71, e352-e353.	1.0	0
162	Differential contribution of microglia and astrocytes to the central sensitization under peripheral nerve injury and tissue inflammation. Neuroscience Research, 2011, 71, e158.	1.0	0

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163	Extraction of customer attitude using neural network and canonical correlation analysis. International Journal of Electronic Marketing and Retailing, 2011, 4, 30.	0.1	0
164	Harnessing Chaotic Activation Functions in Training Neural Network. Lecture Notes in Computer Science, 2012, , 551-558.	1.0	0
165	Semantic Spatiotemporal Memory toward 3D Robotic Vision. , 2013, , .		0
166	Decision tree ensemble construction incorporating feature values modification and random subspace method. , 2014, , .		0
167	Real time decision making forecasting using data mining and decision tree. , 2014, , .		0
168	A cortex-inspired episodic memory toward interactive 3D robotic vision. , 2014, , .		0
169	Quaternion neuro-fuzzy for real-valued classification problems. , 2014, , .		0
170	ARTIFICIAL BEE COLONY ALGORITHM WITH IMPROVED EXPLORATIONS: A NOVEL APPROACH FOR NUMERICAL OPTIMIZATION. International Journal of Computational Intelligence and Applications, 2014, 13, 1450010.	0.6	0
171	Towards better generalization in Pittsburgh learning classifier systems. , 2014, , .		0
172	Speech enhancement using modified magnitude and phase spectra. , 2014, , .		0
173	A multi-objective genetic algorithm with fuzzy relational clustering for automatic data clustering. , 2015, , .		0
174	Restriction site placement in virus genomes using Particle Swarm Optimization. , 2016, , .		0
175	Complex-valued online classifier. , 2016, , .		0
176	Glia-mediated facilitation of neuronal excitation in the spinal dorsal horn in arthritic rats . Pain Research, 2008, 23, 151-157.	0.1	0
177	A Novel Hierarchical Constructive BackPropagation with Memory for Teaching a Robot the Names of Things. Lecture Notes in Computer Science, 2009, , 451-459.	1.0	0
178	Ant Colony Optimization for Feature Selection Involving Effective Local Search. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2011, 15, 671-680.	0.5	0
179	A Tree-Type Memory Formation by Sensorimotor Feedback: A Possible Approach to the Development of Robotic Cognition. Intelligent Control and Automation, 2013, 04, 154-165.	1.0	0
180	Multi-Valued Autoencoders and Classification of Large-Scale Multi-Class Problem. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	0

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181	Safety of Autonomous Evolutionary Robots : Elimination of Certain Behavioral patterns by Complex Systems Analysis. , 2006, , 273-278.		0
182	Feature Subset Selection Using Constructive Neural Nets with Minimal Computation by Measuring Contribution. Lecture Notes in Computer Science, 2008, , 374-384.	1.0	0
183	Diversity-Based Feature Selection from Neural Network with Low Computational Cost. Lecture Notes in Computer Science, 2007, , 1017-1026.	1.0	0
184	Beyond Thirty Years of IJNS. International Journal of Neural Systems, 2020, 30, 2003007.	3.2	0