

# Chu Kiong Loo

## List of Publications by Year in descending order

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220  
papers

2,654  
citations

279798

23  
h-index

243625

44  
g-index

228  
all docs

228  
docs citations

228  
times ranked

2602  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Approach for Unit Commitment Problem via an Effective Hybrid Particle Swarm Optimization. IEEE Transactions on Power Systems, 2006, 21, 411-418.	6.5	378
2	Credit Card Fraud Detection Using AdaBoost and Majority Voting. IEEE Access, 2018, 6, 14277-14284.	4.2	242
3	Placebo-controlled pilot trial testing dose titration and intravenous, intramuscular and subcutaneous routes for ketamine in depression. Acta Psychiatrica Scandinavica, 2016, 134, 48-56.	4.5	160
4	Condition monitoring of induction motors: A review and an application of an ensemble of hybrid intelligent models. Expert Systems With Applications, 2014, 41, 4891-4903.	7.6	111
5	Multi-objective genetic algorithm as channel selection method for P300 and motor imagery data set. Neurocomputing, 2015, 161, 120-131.	5.9	69
6	Solving Unit Commitment Problem Using Hybrid Particle Swarm Optimization. Journal of Heuristics, 2003, 9, 507-520.	1.4	61
7	Hybrid particle swarm optimization algorithm with fine tuning operators. International Journal of Bio-Inspired Computation, 2009, 1, 14.	0.9	43
8	A modified fuzzy min-max neural network for data clustering and its application to power quality monitoring. Applied Soft Computing Journal, 2015, 28, 19-29.	7.2	43
9	Extensive assessment and evaluation methodologies on assistive social robots for modelling human-robot interaction – A review. Information Sciences, 2015, 301, 305-344.	6.9	41
10	Accurate and reliable diagnosis and classification using probabilistic ensemble simplified fuzzy ARTMAP. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1589-1593.	5.7	40
11	An Effective Surveillance System Using Thermal Camera. , 2009, , .		37
12	Evaluation of Methods for Estimating Fractal Dimension in Motor Imagery-Based Brain Computer Interface. Discrete Dynamics in Nature and Society, 2011, 2011, 1-8.	0.9	35
13	Classification of electrocardiogram and auscultatory blood pressure signals using machine learning models. Expert Systems With Applications, 2015, 42, 3643-3652.	7.6	34
14	Personality affected robotic emotional model with associative memory for human-robot interaction. Neurocomputing, 2018, 272, 213-225.	5.9	34
15	Motor fault detection and diagnosis using a hybrid FMM-CART model with online learning. Journal of Intelligent Manufacturing, 2016, 27, 1273-1285.	7.3	31
16	Home Alone Faint Detection Surveillance System Using Thermal Camera. , 2010, , .		30
17	What influences patients' acceptance of a blood pressure telemonitoring service in primary care? A qualitative study. Patient Preference and Adherence, 2016, 10, 99.	1.8	30
18	Quantum-implementable selective reconstruction of high-resolution images. Applied Optics, 2004, 43, 6134.	2.1	29

#	ARTICLE	IF	CITATIONS
19	Formal concept analysis approach to cognitive functionalities of bidirectional associative memory. <i>Biologically Inspired Cognitive Architectures</i> , 2015, 12, 20-33.	0.9	28
20	A hybrid approach to building face shape classifier for hairstyle recommender system. <i>Expert Systems With Applications</i> , 2019, 120, 14-32.	7.6	28
21	An Open-Ended Continual Learning for Food Recognition Using Class Incremental Extreme Learning Machines. <i>IEEE Access</i> , 2020, 8, 82328-82346.	4.2	28
22	A Comprehensive Survey of Image-Based Food Recognition and Volume Estimation Methods for Dietary Assessment. <i>Healthcare (Switzerland)</i> , 2021, 9, 1676.	2.0	27
23	Application of Active Force Control and Iterative Learning in a 5-Link Biped Robot. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2003, 37, 143-162.	3.4	26
24	Personalized Robot Interventions for Autistic Children: An Automated Methodology for Attention Assessment. <i>International Journal of Social Robotics</i> , 2021, 13, 67-82.	4.6	26
25	Evaluation of fractal dimension estimation methods for feature extraction in motor imagery based brain computer interface. <i>Procedia Computer Science</i> , 2011, 3, 589-594.	2.0	25
26	Autonomous and deterministic supervised fuzzy clustering with data imputation capabilities. <i>Applied Soft Computing Journal</i> , 2011, 11, 1117-1125.	7.2	24
27	Classifying Stress From Heart Rate Variability Using Salivary Biomarkers as Reference. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 2035-2046.	11.3	24
28	Binary and multi-class motor imagery using Renyi entropy for feature extraction. <i>Neural Computing and Applications</i> , 2017, 28, 2051-2062.	5.6	23
29	Autism Spectrum Self-Stimulatory Behaviors Classification Using Explainable Temporal Coherency Deep Features and SVM Classifier. <i>IEEE Access</i> , 2021, 9, 34264-34275.	4.2	23
30	On the optimal control of the steel annealing processes as a two-stage hybrid systems via PSO algorithms. <i>International Journal of Bio-Inspired Computation</i> , 2009, 1, 198.	0.9	22
31	Thermal condition monitoring system using log-polar mapping, quaternion correlation and max-product fuzzy neural network classification. <i>Neurocomputing</i> , 2010, 74, 164-177.	5.9	21
32	Application of emotion affected associative memory based on mood congruency effects for a humanoid. <i>Neural Computing and Applications</i> , 2017, 28, 737-752.	5.6	21
33	A hybrid FAM&quot;CART model and its application to medical data classification. <i>Neural Computing and Applications</i> , 2015, 26, 1799-1811.	5.6	20
34	A robust incremental clustering-based facial feature tracking. <i>Applied Soft Computing Journal</i> , 2017, 53, 34-44.	7.2	20
35	Kernel Bayesian ART and ARTMAP. <i>Neural Networks</i> , 2018, 98, 76-86.	5.9	19
36	Meta-cognitive recurrent kernel online sequential extreme learning machine with kernel adaptive filter for concept drift handling. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 88, 103327.	8.1	19

#	ARTICLE	IF	CITATIONS
37	Power Quality Analysis Using a Hybrid Model of the Fuzzy Min-Max Neural Network and Clustering Tree. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2760-2767.	11.3	18
38	Recurrent Kernel Extreme Reservoir Machine for Time Series Prediction. IEEE Access, 2018, 6, 19583-19596.	4.2	18
39	An Effective Trespasser Detection System Using Thermal Camera. , 2010, , .		17
40	Behavior recognition for humanoid robots using long short-term memory. International Journal of Advanced Robotic Systems, 2016, 13, 172988141666336.	2.1	17
41	Topological Clustering via Adaptive Resonance Theory With Information Theoretic Learning. IEEE Access, 2019, 7, 76920-76936.	4.2	17
42	Meta-cognitive Recurrent Recursive Kernel OS-ELM for concept drift handling. Applied Soft Computing Journal, 2019, 75, 494-507.	7.2	17
43	Imitation learning for daily exercise support with robot partner. , 2015, , .		16
44	A novel error-output recurrent two-layer extreme learning machine for multi-step time series prediction. Sustainable Cities and Society, 2021, 66, 102613.	10.4	16
45	A Kernel Bayesian Adaptive Resonance Theory with A Topological Structure. International Journal of Neural Systems, 2019, 29, 1850052.	5.2	15
46	Forgery Detection in Dynamic Signature Verification by Entailing Principal Component Analysis. Discrete Dynamics in Nature and Society, 2007, 2007, 1-8.	0.9	14
47	Topological Q-learning with internally guided exploration for mobile robot navigation. Neural Computing and Applications, 2015, 26, 1939-1954.	5.6	14
48	Heuristics-Based Trust Estimation in Multiagent Systems Using Temporal Difference Learning. IEEE Transactions on Cybernetics, 2017, 47, 1925-1935.	9.5	14
49	Hybrid evolutionary neuro-fuzzy approach based on mutual adaptation for human gesture recognition. Applied Soft Computing Journal, 2016, 42, 377-389.	7.2	13
50	Multi-channel Bayesian Adaptive Resonance Associate Memory for on-line topological map building. Applied Soft Computing Journal, 2016, 38, 269-280.	7.2	13
51	Associative Memory Based Image and Object Recognition by Quantum Holography. Open Systems and Information Dynamics, 2004, 11, 277-289.	1.2	12
52	Novel Direct and Self-Regulating Approaches to Determine Optimum Growing Multi-Experts Network Structure. IEEE Transactions on Neural Networks, 2004, 15, 1378-1395.	4.2	12
53	An integrated approach for head gesture based interface. Applied Soft Computing Journal, 2012, 12, 1101-1114.	7.2	12
54	A Hybrid Intelligent Active Force Controller for Articulated Robot Arms Using Dynamic Structure Neural Network. Journal of Intelligent and Robotic Systems: Theory and Applications, 2004, 40, 113-145.	3.4	11

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55	SLAMM: Visual monocular SLAM with continuous mapping using multiple maps. PLoS ONE, 2018, 13, e0195878.	2.5	11
56	Episodic Memory Multimodal Learning for Robot Sensorimotor Map Building and Navigation. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 210-220.	3.8	11
57	Geometric Feature-Based Facial Emotion Recognition Using Two-Stage Fuzzy Reasoning Model. Lecture Notes in Computer Science, 2014, , 344-351.	1.3	11
58	Explainable deep learning ensemble for food image analysis on edge devices. Computers in Biology and Medicine, 2021, 139, 104972.	7.0	11
59	Bio-computational model of object-recognition: Quantum Hebbian processing with neurally shaped Gabor wavelets. BioSystems, 2005, 82, 116-126.	2.0	10
60	Robust remote heart rate estimation from multiple asynchronous noisy channels using autoregressive model with Kalman filter. Biomedical Signal Processing and Control, 2019, 47, 366-379.	5.7	10
61	Fractal dimension methods to determine optimum EEG electrode placement for concentration estimation. Neural Computing and Applications, 2019, 31, 945-953.	5.6	10
62	Divisive Hierarchical Clustering Based on Adaptive Resonance Theory. , 2020, , .		10
63	Speech Emotion Recognition by Late Fusion for Bidirectional Reservoir Computing With Random Projection. IEEE Access, 2021, 9, 122855-122871.	4.2	10
64	Enhanced probabilistic neural network with data imputation capabilities for machine-fault classification. Neural Computing and Applications, 2009, 18, 791-800.	5.6	9
65	Affect classification using genetic-optimized ensembles of fuzzy ARTMAPs. Applied Soft Computing Journal, 2015, 27, 53-63.	7.2	9
66	Probabilistic ensemble Fuzzy ARTMAP optimization using hierarchical parallel genetic algorithms. Neural Computing and Applications, 2015, 26, 263-276.	5.6	9
67	Incremental episodic segmentation and imitative learning of humanoid robot through self-exploration. Neurocomputing, 2016, 173, 1471-1484.	5.9	9
68	Arm motion analysis using genetic algorithm for rehabilitation and healthcare. Applied Soft Computing Journal, 2017, 52, 81-92.	7.2	9
69	Quantum-Inspired Multidirectional Associative Memory With a Self-Convergent Iterative Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1058-1068.	11.3	9
70	Effect of Pruning on Catastrophic Forgetting in Growing Dual Memory Networks. , 2019, , .		9
71	Fast Topological Adaptive Resonance Theory Based on Correntropy Induced Metric. , 2019, , .		9
72	Emotion Recognition Using Explainable Genetically Optimized Fuzzy ART Ensembles. IEEE Access, 2021, 9, 61513-61531.	4.2	9

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73	A new class of operators to accelerate particle swarm optimization. , 0, , .		8
74	PSO optimization of synergetic neural classifier for multichannel emotion recognition. , 2010, , .		8
75	Superpixels Features Extractor Network (SP-FEN) for Clothing Parsing Enhancement. Neural Processing Letters, 2020, 51, 2245-2263.	3.2	8
76	Grammatical structure detection by Instinct Plasticity based Echo State Networks with Genetic Algorithm. Neurocomputing, 2022, 467, 173-183.	5.9	8
77	A novel effective particle swarm optimization like algorithm via extrapolation technique. , 2007, , .		7
78	Face Recognition with Quantum Associative Networks Using Overcomplete Gabor Wavelet. Cognitive Computation, 2010, 2, 297-302.	5.2	7
79	Incremental on-line learning of human motion using Gaussian adaptive resonance hidden Markov model. , 2013, , .		7
80	A hybrid FMM-CART model for human activity recognition. , 2014, , .		7
81	Robotic emotional model with personality factors based on Pleasant-Arousal scaling model. , 2015, , .		7
82	Health Promotion Using Smart Device Interlocked Robot Partners for Elderly People. , 2016, , .		7
83	Online semi-supervised multi-channel time series classifier based on growing neural gas. Neural Computing and Applications, 2017, 28, 3491-3505.	5.6	7
84	Multiple steps time series prediction by a novel Recurrent Kernel Extreme Learning Machine approach. , 2017, , .		7
85	Omnidirectional Surveillance System for Digital Home Security. , 2009, , .		6
86	Development of Biological Movement Recognition by Interaction between Active Basis Model and Fuzzy Optical Flow Division. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	6
87	Comparative Study on Interaction of Form and Motion Processing Streams by Applying Two Different Classifiers in Mechanism for Recognition of Biological Movement. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	6
88	Robot posture generation based on genetic algorithm for imitation. , 2015, , .		6
89	A dual fast and slow feature interaction in biologically inspired visual recognition of human action. Applied Soft Computing Journal, 2018, 62, 57-72.	7.2	6
90	A Multi-Agent Approach for Personalized Hypertension Risk Prediction. IEEE Access, 2021, 9, 75090-75106.	4.2	6

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91	Bidirectional parallel echo state network for speech emotion recognition. Neural Computing and Applications, 2022, 34, 17581-17599.	5.6	6
92	Biological inspired human action recognition. , 2013, , .		5
93	A Generalized Quantum-Inspired Decision Making Model for Intelligent Agent. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	5
94	Fractal dimension methods to determine optimum EEG electrode placement for concentration estimation. , 2014, , .		5
95	Empathic Interaction Using the Computational Emotion Model. , 2015, , .		5
96	Slow feature action prototypes effect assessment in mechanism for recognition of biological movement ventral stream. International Journal of Bio-Inspired Computation, 2016, 8, 410.	0.9	5
97	Semi-supervised topo-Bayesian ARTMAP for noisy data. Applied Soft Computing Journal, 2018, 62, 134-147.	7.2	5
98	Face image synthesis with weight and age progression using conditional adversarial autoencoder. Neural Computing and Applications, 2020, 32, 3567-3579.	5.6	5
99	Probabilistic ensemble simplified fuzzy ARTMAP for sonar target differentiation. Neural Computing and Applications, 2006, 15, 79-90.	5.6	4
100	FPGA Implementation of Log-polar Mapping. , 2008, , .		4
101	Motor imaginary-based brain-machine interface design using programmable logic controllers for the disabled. Computer Methods in Biomechanics and Biomedical Engineering, 2010, 13, 617-623.	1.6	4
102	Off-time swimming pool surveillance using thermal imaging system. , 2011, , .		4
103	A study of different unwarping methods for omnidirectional imaging. , 2011, , .		4
104	BIOLOGICALLY INSPIRED FACE RECOGNITION: TOWARD POSE-INVARIANCE. International Journal of Neural Systems, 2012, 22, 1250029.	5.2	4
105	Affective communication robot partners using associative memory with mood congruency effects. , 2014, , .		4
106	Charged system search algorithm for robotic drill path optimization. , 2015, , .		4
107	Risk Quantification of Metabolic Syndrome with Quantum Particle Swarm Optimisation. , 2017, , .		4
108	Incremental Clustering-Based Facial Feature Tracking Using Bayesian ART. Neural Processing Letters, 2017, 45, 887-911.	3.2	4

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109	Biologically-Inspired Computational Neural Mechanism for Human Action/activity Recognition: A Review. Electronics (Switzerland), 2019, 8, 1169.	3.1	4
110	Genetic Ensemble Biased ARTMAP Method of ECG-Based Emotion Classification. Smart Innovation, Systems and Technologies, 2012, , 299-306.	0.6	4
111	On the Post Hoc Explainability of Optimized Self-Organizing Reservoir Network for Action Recognition. Sensors, 2022, 22, 1905.	3.8	4
112	Real-time facial expression recognitions: A review. , 2009, , .		3
113	Machine condition monitoring using omnidirectional thermal imaging system. , 2009, , .		3
114	Classification of Motor Imaginary Signals for Machine Communication - A Novel Approach for Brain Machine Interface Design. , 2009, , .		3
115	Wireless Webcam Based Omnidirectional Health Care Surveillance System. , 2010, , .		3
116	Topological Gaussian ARAM for Simultaneous Localization and Mapping (SLAM). , 2012, , .		3
117	Emotion recognition based on correlation between left and right frontal EEG assymetry. , 2014, , .		3
118	Humanoid behaviour learning through visuomotor association by self-imitation. , 2014, , .		3
119	View-Invariant Visuomotor Processing in Computational Mirror Neuron System for Humanoid. PLoS ONE, 2016, 11, e0152003.	2.5	3
120	Hierarchical Parallel Genetic Optimization Fuzzy ARTMAP Ensemble. Neural Processing Letters, 2016, 44, 451-470.	3.2	3
121	Predicting metabolic syndrome using risk quantification and ensemble methods. , 2017, , .		3
122	Developmental Approach for Behavior Learning Using Primitive Motion Skills. International Journal of Neural Systems, 2018, 28, 1750038.	5.2	3
123	Spatial Map Learning with Self-Organizing Adaptive Recurrent Incremental Network. , 2019, , .		3
124	Genetic-Optimized Classifier Ensemble for Cortisol Salivary Measurement Mapping to Electrocardiogram Features for Stress Evaluation. Lecture Notes in Computer Science, 2012, , 274-284.	1.3	3
125	Transformative Robotic Education for the Realization of Malaysia National Philosophy of Education. Communications in Computer and Information Science, 2013, , 416-426.	0.5	3
126	Quaternion Based Thermal Condition Monitoring System. Proceedings in Information and Communications Technology, 2010, , 352-362.	0.2	3



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127	Simulated Quantum-Optical Object Recognition from High-Resolution Images. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2005, 99, 218.	0.6	2
128	Robust incremental growing multi-experts network. Applied Soft Computing Journal, 2006, 6, 139-153.	7.2	2
129	Adaptive Case Based Reasoning for Fault Diagnosis. , 2009, , .		2
130	Facial pose estimation using modified synergetic computer. , 2010, , .		2
131	Learning the Mapping Rules for Sentiment Analysis. , 2014, , .		2
132	Robust face recognition via transfer learning for robot partner. , 2014, , .		2
133	Mutual adaptation in neuro fuzzy system for human posture recognition. , 2015, , .		2
134	Lifelog visualization for elderly health care in Informationally Structured Space. , 2015, , .		2
135	Multi-channel Bayesian adaptive resonance associative memory for environment learning and topological map building. , 2015, , .		2
136	Behavior Pattern Extraction Based on Growing Neural Networks for Informationally Structured Space. , 2015, , .		2
137	Growing Neural Gas with Correntropy Induced Metric. , 2016, , .		2
138	Genetic Optimized Fuzzy Extreme Learning Machine Ensembles for Affect Classification. , 2016, , .		2
139	Optimizing FELM ensembles using GA-BIC. , 2017, , .		2
140	Topological Gaussian ARAM for biologically inspired topological map building. Neural Computing and Applications, 2018, 29, 1055-1072.	5.6	2
141	Handling Concept Drift in Time-Series Data: Meta-cognitive Recurrent Recursive-Kernel OS-ELM. Lecture Notes in Computer Science, 2018, , 3-13.	1.3	2
142	Diagnosing Metabolic Syndrome Using Genetically Optimised Bayesian ARTMAP. IEEE Access, 2019, 7, 8437-8453.	4.2	2
143	Progressive Kernel Extreme Learning Machine for Food Image Analysis via Optimal Features from Quality Resilient CNN. Applied Sciences (Switzerland), 2021, 11, 9562.	2.5	2
144	Object Recognition Using Sparse Representation of Overcomplete Dictionary. Lecture Notes in Computer Science, 2012, , 75-82.	1.3	2

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145	A Novel Hybrid SP-QPSO Algorithm Using CVT for High Dimensional Problems. Springer Proceedings in Mathematics and Statistics, 2015, , 347-354.	0.2	2
146	Emotion Differentiation Based on Arousal Intensity Estimation from Facial Expressions. Lecture Notes in Electrical Engineering, 2020, , 249-257.	0.4	2
147	Grouped Echo State Network with Late Fusion for Speech Emotion Recognition. Lecture Notes in Computer Science, 2021, , 431-442.	1.3	2
148	Two-Factor Face Authentication: Topographic Independent Component Analysis (TICA) and Multispace Random Projection (MRP). , 2009, , .		1
149	Path control of dexterous robotic hand using Genetic Algorithm. , 2009, , .		1
150	FPGA implementation of log-polar mapping. International Journal of Computer Applications in Technology, 2010, 39, 12.	0.5	1
151	Quantum Morphogenetic System in View-Invariant recognition. , 2010, , .		1
152	Adaptive Resonance Associative Memory for multi-channel emotion recognition. , 2010, , .		1
153	Parameter controlled chaotic synergetic neural network for face recognition. , 2010, , .		1
154	Development of Fast Incremental Slow Feature Analysis (F-IncSFA). , 2012, , .		1
155	Biologically Inspired Topological Gaussian ARAM for Robot Navigation. , 2013, , .		1
156	Autonomous motion primitive segmentation of actions for incremental imitative learning of humanoid. , 2014, , .		1
157	Condition Monitoring of Broken Rotor Bars Using a Hybrid FMM-GA Model. Lecture Notes in Computer Science, 2014, , 381-389.	1.3	1
158	Quantum-Inspired Complex-Valued Multidirectional Associative Memory. , 2015, , .		1
159	An Odometry-Free Approach for Simultaneous Localization and Online Hybrid Map Building. Frontiers in Robotics and AI, 2016, 3, .	3.2	1
160	Robot behaviour learning using Topological Gaussian Adaptive Resonance Hidden Markov Model. Neural Computing and Applications, 2016, 27, 2509-2522.	5.6	1
161	Can Eye Movement Improve Prediction Performance on Human Emotions Toward Images Classification?. Lecture Notes in Computer Science, 2017, , 830-838.	1.3	1
162	Recurrent kernel online sequential extreme learning machine with kernel adaptive filter for time series prediction. , 2017, , .		1

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163	Neuro-fuzzy model with subtractive clustering optimization for arm gesture recognition by angular representation of kinect data. , 2017, , .		1
164	Topological Kernel Bayesian ARTMAP. , 2018, , .		1
165	Grammatical Structure Detection with Intrinsic Plasticity based Echo State Networks for Cognitive Robot. , 2019, , .		1
166	A Lightweight Neural-Net with Assistive Mobile Robot for Human Fall Detection System. , 2020, , .		1
167	Multilayer Clustering Based on Adaptive Resonance Theory for Noisy Environments. , 2020, , .		1
168	Simulation Study on the Electricity Data Streams Time Series Clustering. Energies, 2020, 13, 924.	3.1	1
169	Topological Gaussian Adaptive Resonance Associative Memory with Fuzzy Motion Planning for Place Navigation. Lecture Notes in Computer Science, 2014, , 604-611.	1.3	1
170	Autism Spectrum Disorder Classification in Videos: A Hybrid of Temporal Coherency Deep Networks and Self-organizing Dual Memory Approach. Lecture Notes in Electrical Engineering, 2020, , 421-430.	0.4	1
171	QRDPSO: A New Optimization Method for Swarm Robot Searching and Obstacle Avoidance in Dynamic Environments. Intelligent Automation and Soft Computing, 2020, 26, 447-454.	2.1	1
172	Application of Gabor Wavelet in Quantum Holography for Image Recognition. International Journal of Nanotechnology and Molecular Computation, 2010, 2, 44-61.	0.3	1
173	Bayesian Fusion of Auditory and Visual Spatial Cues during Fixation and Saccade in Humanoid Robot. Lecture Notes in Computer Science, 2009, , 1103-1109.	1.3	1
174	Comparison of the Mathematical Formalism of Associative ANN and Quantum Theory. , 2011, , 179-198.		1
175	A Novel Complex-Valued Fuzzy ARTMAP for Sparse Dictionary Learning. Lecture Notes in Computer Science, 2013, , 360-368.	1.3	1
176	Transfer Learning Using the Online FMM Model. Lecture Notes in Computer Science, 2014, , 151-158.	1.3	1
177	Artificial Curiosity Driven Robots with Spatiotemporal Regularity Discovery Ability. Lecture Notes in Computer Science, 2014, , 87-98.	1.3	1
178	Data Clustering Using a Modified Fuzzy Min-Max Neural Network. Advances in Intelligent Systems and Computing, 2016, , 413-422.	0.6	1
179	Real-Time Financial Data Prediction Using Meta-cognitive Recurrent Kernel Online Sequential Extreme Learning Machine. Lecture Notes in Computer Science, 2019, , 488-498.	1.3	1
180	Real time actions and gestures as intuitive user interface for creative 3D modeling. , 0, , .		0

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181	On the optimal control of the steel annealing processes as a two-stage hybrid systems via different versions of PSO algorithms. , 2007, , .		0
182	Quantum Morphogenetic System in image recognition. , 2009, , .		0
183	Implementation of asymmetric multiprocessing framework in humanoid robot. , 2010, , .		0
184	Morphic Computing Inspired Hopfield Model for Sensorimotor Transformation (Vestibule-Ocular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6		0
185	Human-Robot Interaction System with Quantum-Inspired Bidirectional Associative Memory. , 2013, , .		0
186	Quantum-Inspired Bidirectional Associative Memory for Humanâ€“Robot Communication. International Journal of Humanoid Robotics, 2014, 11, 1450006.	1.1	0
187	Learning sufficient representation for spatio-temporal deep network using information filter. , 2014, , .		0
188	Quantum-inspired multidirectional associative memory for human-robot interaction system. , 2014, , .		0
189	Genetic Bayesian ARAM for Simultaneous Localization and Hybrid Map Building. , 2015, , .		0
190	Modeling Associative Memories Using Formal Concept Analysis. Advances in Intelligent Systems and Computing, 2015, , 109-118.	0.6	0
191	Evolutionary ensemble learning of fuzzy randomized neural network for posture recognition. , 2016, , .		0
192	Classification of Implantable Rotary Blood Pump States With Class Noise. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 829-837.	6.3	0
193	Trust Evaluation in a Multi-robotics System Through Direct Learning. Lecture Notes in Electrical Engineering, 2017, , 407-417.	0.4	0
194	Vision-based HRV Measurement for HRI Study. , 2018, , .		0
195	Parameters Estimation in Topological Kernel Bayesian ART using Multi-objective Particle Swarm Optimization. , 2018, , .		0
196	Fashion Finder: A System for Locating Online Stores on Instagram from Product Images. , 2018, , .		0
197	Long Short-Term Memory in Recognizing Behavior Sequences on Humanoid Robot.. , 2018, , .		0
198	An Episodic Memory Model with Slow Features Extraction for Topological Map Building. , 2018, , .		0

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199	Autonomous and Deterministic Probabilistic Neural Network Using Global k-Means. Lecture Notes in Computer Science, 2006, , 830-836.	1.3	0
200	Computer Simulations and Applications of Quantum Associative Network. , 2011, , 112-126.		0
201	Quantum Phase-Hebbian Image Processing. , 2011, , 222-228.		0
202	Visual Processing As Described By Contemporary Main-Stream Neuroscience. , 2011, , 131-178.		0
203	Derivation of Quantum Associative Network from Hopfield-Like ANN and HNeT. , 2011, , 199-216.		0
204	Introduction to Holonomic-Compatible Models for Vision. , 2011, , 1-18.		0
205	Images, Associations and Conscious Experience. , 2011, , 73-111.		0
206	Computational Models Relevant For Visual Cortex. , 2011, , 229-234.		0
207	Quantum Neural Information Processing. , 2011, , 217-221.		0
208	Holonomic Brain Processes. , 2011, , 19-45.		0
209	Computational Information-Maximization Models. , 2011, , 46-72.		0
210	Image Classification Using Optimized Synergetic Neural Network. Communications in Computer and Information Science, 2013, , 170-180.	0.5	0
211	Comparison of Applying Centroidal Voronoi Tessellations and Levenberg-Marquardt on Hybrid SP-QPSO Algorithm for High Dimensional Problems. Lecture Notes in Computer Science, 2014, , 332-341.	1.3	0
212	Facial Emotion Profiling Based on Emotion Specific Feature Model. Lecture Notes in Computer Science, 2015, , 556-565.	1.3	0
213	A Hybrid Model of Fuzzy ARTMAP and the Genetic Algorithm for Data Classification. Lecture Notes in Computer Science, 2015, , 346-353.	1.3	0
214	An Iterative Incremental Learning Algorithm for Complex-Valued Hopfield Associative Memory. Lecture Notes in Computer Science, 2016, , 423-431.	1.3	0
215	Evaluating Trust in Multi-Agents System Through Temporal Difference Learning. Lecture Notes in Computer Science, 2016, , 513-524.	1.3	0
216	Slow feature action prototypes effect assessment in mechanism for recognition of biological movement ventral stream. International Journal of Bio-Inspired Computation, 2016, 8, 410.	0.9	0

#	ARTICLE	IF	CITATIONS
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