

# Chu Kiong Loo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Grammatical structure detection by Instinct Plasticity based Echo State Networks with Genetic Algorithm. <i>Neurocomputing</i> , 2022, 467, 173-183.	5.9	8
2	On the Post Hoc Explainability of Optimized Self-Organizing Reservoir Network for Action Recognition. <i>Sensors</i> , 2022, 22, 1905.	3.8	4
3	Bidirectional parallel echo state network for speech emotion recognition. <i>Neural Computing and Applications</i> , 2022, 34, 17581-17599.	5.6	6
4	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
5	A novel error-output recurrent two-layer extreme learning machine for multi-step time series prediction. <i>Sustainable Cities and Society</i> , 2021, 66, 102613.	10.4	16
6	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
7	Emotion Recognition Using Explainable Genetically Optimized Fuzzy ART Ensembles. <i>IEEE Access</i> , 2021, 9, 61513-61531.	4.2	9
8	Speech Emotion Recognition by Late Fusion for Bidirectional Reservoir Computing With Random Projection. <i>IEEE Access</i> , 2021, 9, 122855-122871.	4.2	10
9	A Multi-Agent Approach for Personalized Hypertension Risk Prediction. <i>IEEE Access</i> , 2021, 9, 75090-75106.	4.2	6
10	Progressive Kernel Extreme Learning Machine for Food Image Analysis via Optimal Features from Quality Resilient CNN. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9562.	2.5	2
11	Explainable deep learning ensemble for food image analysis on edge devices. <i>Computers in Biology and Medicine</i> , 2021, 139, 104972.	7.0	11
12	Grouped Echo State Network with Late Fusion for Speech Emotion Recognition. <i>Lecture Notes in Computer Science</i> , 2021, , 431-442.	1.3	2
13	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
14	Face image synthesis with weight and age progression using conditional adversarial autoencoder. <i>Neural Computing and Applications</i> , 2020, 32, 3567-3579.	5.6	5
15	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
16	Divisive Hierarchical Clustering Based on Adaptive Resonance Theory. , 2020, , .		10
17	A Lightweight Neural-Net with Assistive Mobile Robot for Human Fall Detection System. , 2020, , .		1
18	Multilayer Clustering Based on Adaptive Resonance Theory for Noisy Environments. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	An Open-Ended Continual Learning for Food Recognition Using Class Incremental Extreme Learning Machines. IEEE Access, 2020, 8, 82328-82346.	4.2	28
20	Simulation Study on the Electricity Data Streams Time Series Clustering. Energies, 2020, 13, 924.	3.1	1
21	Superpixels Features Extractor Network (SP-FEN) for Clothing Parsing Enhancement. Neural Processing Letters, 2020, 51, 2245-2263.	3.2	8
22	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
23	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
24	Emotion Differentiation Based on Arousal Intensity Estimation from Facial Expressions. Lecture Notes in Electrical Engineering, 2020, , 249-257.	0.4	2
25	Mitigating Catastrophic Forgetting In Adaptive Class Incremental Extreme Learning Machine Through Neuron Clustering. , 2020, , .		0
26	Biologically-Inspired Computational Neural Mechanism for Human Action/activity Recognition: A Review. Electronics (Switzerland), 2019, 8, 1169.	3.1	4
27	Diagnosing Metabolic Syndrome Using Genetically Optimised Bayesian ARTMAP. IEEE Access, 2019, 7, 8437-8453.	4.2	2
28	Effect of Pruning on Catastrophic Forgetting in Growing Dual Memory Networks. , 2019, , .		9
29	Topological Clustering via Adaptive Resonance Theory With Information Theoretic Learning. IEEE Access, 2019, 7, 76920-76936.	4.2	17
30	Fast Topological Adaptive Resonance Theory Based on Correntropy Induced Metric. , 2019, , .		9
31	Grammatical Structure Detection with Intrinsic Plasticity based Echo State Networks for Cognitive Robot. , 2019, , .		1
32	Spatial Map Learning with Self-Organizing Adaptive Recurrent Incremental Network. , 2019, , .		3
33	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
34	A hybrid approach to building face shape classifier for hairstyle recommender system. Expert Systems With Applications, 2019, 120, 14-32.	7.6	28
35	Meta-cognitive Recurrent Recursive Kernel OS-ELM for concept drift handling. Applied Soft Computing Journal, 2019, 75, 494-507.	7.2	17
36	A Kernel Bayesian Adaptive Resonance Theory with A Topological Structure. International Journal of Neural Systems, 2019, 29, 1850052.	5.2	15

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37	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
38	Fractal dimension methods to determine optimum EEG electrode placement for concentration estimation. Neural Computing and Applications, 2019, 31, 945-953.	5.6	10
39	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
40	Credit Card Fraud Detection Using AdaBoost and Majority Voting. IEEE Access, 2018, 6, 14277-14284.	4.2	242
41	Recurrent Kernel Extreme Reservoir Machine for Time Series Prediction. IEEE Access, 2018, 6, 19583-19596.	4.2	18
42	Topological Gaussian ARAM for biologically inspired topological map building. Neural Computing and Applications, 2018, 29, 1055-1072.	5.6	2
43	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
44	Personality affected robotic emotional model with associative memory for human-robot interaction. Neurocomputing, 2018, 272, 213-225.	5.9	34
45	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
46	Developmental Approach for Behavior Learning Using Primitive Motion Skills. International Journal of Neural Systems, 2018, 28, 1750038.	5.2	3
47	Semi-supervised topo-Bayesian ARTMAP for noisy data. Applied Soft Computing Journal, 2018, 62, 134-147.	7.2	5
48	Kernel Bayesian ART and ARTMAP. Neural Networks, 2018, 98, 76-86.	5.9	19
49	Vision-based HRV Measurement for HRI Study. , 2018, , .		0
50	Parameters Estimation in Topological Kernel Bayesian ART using Multi-objective Particle Swarm Optimization. , 2018, , .		0
51	Fashion Finder: A System for Locating Online Stores on Instagram from Product Images. , 2018, , .		0
52	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
53	Long Short-Term Memory in Recognizing Behavior Sequences on Humanoid Robot.. , 2018, , .		0
54	An Episodic Memory Model with Slow Features Extraction for Topological Map Building. , 2018, , .		0

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55	Topological Kernel Bayesian ARTMAP. , 2018, , .		1
56	SLAMM: Visual monocular SLAM with continuous mapping using multiple maps. PLoS ONE, 2018, 13, e0195878.	2.5	11
57	Binary and multi-class motor imagery using Renyi entropy for feature extraction. Neural Computing and Applications, 2017, 28, 2051-2062.	5.6	23
58	Online semi-supervised multi-channel time series classifier based on growing neural gas. Neural Computing and Applications, 2017, 28, 3491-3505.	5.6	7
59	Application of emotion affected associative memory based on mood congruency effects for a humanoid. Neural Computing and Applications, 2017, 28, 737-752.	5.6	21
60	Heuristics-Based Trust Estimation in Multiagent Systems Using Temporal Difference Learning. IEEE Transactions on Cybernetics, 2017, 47, 1925-1935.	9.5	14
61	A robust incremental clustering-based facial feature tracking. Applied Soft Computing Journal, 2017, 53, 34-44.	7.2	20
62	Arm motion analysis using genetic algorithm for rehabilitation and healthcare. Applied Soft Computing Journal, 2017, 52, 81-92.	7.2	9
63	Risk Quantification of Metabolic Syndrome with Quantum Particle Swarm Optimisation. , 2017, , .		4
64	Can Eye Movement Improve Prediction Performance on Human Emotions Toward Images Classification?. Lecture Notes in Computer Science, 2017, , 830-838.	1.3	1
65	Trust Evaluation in a Multi-robotics System Through Direct Learning. Lecture Notes in Electrical Engineering, 2017, , 407-417.	0.4	0
66	Incremental Clustering-Based Facial Feature Tracking Using Bayesian ART. Neural Processing Letters, 2017, 45, 887-911.	3.2	4
67	Recurrent kernel online sequential extreme learning machine with kernel adaptive filter for time series prediction. , 2017, , .		1
68	Neuro-fuzzy model with subtractive clustering optimization for arm gesture recognition by angular representation of kinect data. , 2017, , .		1
69	Multiple steps time series prediction by a novel Recurrent Kernel Extreme Learning Machine approach. , 2017, , .		7
70	Predicting metabolic syndrome using risk quantification and ensemble methods. , 2017, , .		3
71	Optimizing FELM ensembles using GA-BIC. , 2017, , .		2
72	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

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73	What influences patients&rsquo; acceptance of a blood pressure telemonitoring service in primary care? A qualitative study. <i>Patient Preference and Adherence</i> , 2016, 10, 99.	1.8	30
74	View-Invariant Visuomotor Processing in Computational Mirror Neuron System for Humanoid. <i>PLoS ONE</i> , 2016, 11, e0152003.	2.5	3
75	An Odometry-Free Approach for Simultaneous Localization and Online Hybrid Map Building. <i>Frontiers in Robotics and AI</i> , 2016, 3, .	3.2	1
76	Placeboâ€controlled pilot trial testing dose titration and intravenous, intramuscular and subcutaneous routes for ketamine in depression. <i>Acta Psychiatrica Scandinavica</i> , 2016, 134, 48-56.	4.5	160
77	Growing Neural Gas with Correntropy Induced Metric. , 2016, , .		2
78	Genetic Optimized Fuzzy Extreme Learning Machine Ensembles for Affect Classification. , 2016, , .		2
79	Health Promotion Using Smart Device Interlocked Robot Partners for Elderly People. , 2016, , .		7
80	Incremental episodic segmentation and imitative learning of humanoid robot through self-exploration. <i>Neurocomputing</i> , 2016, 173, 1471-1484.	5.9	9
81	Evolutionary ensemble learning of fuzzy randomized neural network for posture recognition. , 2016, , .		0
82	Behavior recognition for humanoid robots using long short-term memory. <i>International Journal of Advanced Robotic Systems</i> , 2016, 13, 172988141666336.	2.1	17
83	Robot behaviour learning using Topological Gaussian Adaptive Resonance Hidden Markov Model. <i>Neural Computing and Applications</i> , 2016, 27, 2509-2522.	5.6	1
84	Motor fault detection and diagnosis using a hybrid FMM-CART model with online learning. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 1273-1285.	7.3	31
85	Hybrid evolutionary neuro-fuzzy approach based on mutual adaptation for human gesture recognition. <i>Applied Soft Computing Journal</i> , 2016, 42, 377-389.	7.2	13
86	Power Quality Analysis Using a Hybrid Model of the Fuzzy Minâ€Max Neural Network and Clustering Tree. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 2760-2767.	11.3	18
87	Classification of Implantable Rotary Blood Pump States With Class Noise. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 829-837.	6.3	0
88	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
89	Multi-channel Bayesian Adaptive Resonance Associate Memory for on-line topological map building. <i>Applied Soft Computing Journal</i> , 2016, 38, 269-280.	7.2	13
90	Hierarchical Parallel Genetic Optimization Fuzzy ARTMAP Ensemble. <i>Neural Processing Letters</i> , 2016, 44, 451-470.	3.2	3

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91	Data Clustering Using a Modified Fuzzy Min-Max Neural Network. Advances in Intelligent Systems and Computing, 2016, , 413-422.	0.6	1
92	An Iterative Incremental Learning Algorithm for Complex-Valued Hopfield Associative Memory. Lecture Notes in Computer Science, 2016, , 423-431.	1.3	0
93	Evaluating Trust in Multi-Agents System Through Temporal Difference Learning. Lecture Notes in Computer Science, 2016, , 513-524.	1.3	0
94	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
95	Mutual adaptation in neuro fuzzy system for human posture recognition. , 2015, , .		2
96	Quantum-Inspired Complex-Valued Multidirectional Associative Memory. , 2015, , .		1
97	Charged system search algorithm for robotic drill path optimization. , 2015, , .		4
98	Genetic Bayesian ARAM for Simultaneous Localization and Hybrid Map Building. , 2015, , .		0
99	Robot posture generation based on genetic algorithm for imitation. , 2015, , .		6
100	Lifelog visualization for elderly health care in Informationally Structured Space. , 2015, , .		2
101	Robotic emotional model with personality factors based on Pleasant-Arousal scaling model. , 2015, , .		7
102	Multi-channel Bayesian adaptive resonance associative memory for environment learning and topological map building. , 2015, , .		2
103	Imitation learning for daily exercise support with robot partner. , 2015, , .		16
104	Behavior Pattern Extraction Based on Growing Neural Networks for Informationally Structured Space. , 2015, , .		2
105	Empathic Interaction Using the Computational Emotion Model. , 2015, , .		5
106	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
107	Classification of electrocardiogram and auscultatory blood pressure signals using machine learning models. Expert Systems With Applications, 2015, 42, 3643-3652.	7.6	34
108	A hybrid FAM-CART model and its application to medical data classification. Neural Computing and Applications, 2015, 26, 1799-1811.	5.6	20

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109	Multi-objective genetic algorithm as channel selection method for P300 and motor imagery data set. <i>Neurocomputing</i> , 2015, 161, 120-131.	5.9	69
110	Formal concept analysis approach to cognitive functionalities of bidirectional associative memory. <i>Biologically Inspired Cognitive Architectures</i> , 2015, 12, 20-33.	0.9	28
111	Topological Q-learning with internally guided exploration for mobile robot navigation. <i>Neural Computing and Applications</i> , 2015, 26, 1939-1954.	5.6	14
112	Modeling Associative Memories Using Formal Concept Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 109-118.	0.6	0
113	A modified fuzzy min-max neural network for data clustering and its application to power quality monitoring. <i>Applied Soft Computing Journal</i> , 2015, 28, 19-29.	7.2	43
114	Affect classification using genetic-optimized ensembles of fuzzy ARTMAPs. <i>Applied Soft Computing Journal</i> , 2015, 27, 53-63.	7.2	9
115	Probabilistic ensemble Fuzzy ARTMAP optimization using hierarchical parallel genetic algorithms. <i>Neural Computing and Applications</i> , 2015, 26, 263-276.	5.6	9
116	A Novel Hybrid SP-QPSO Algorithm Using CVT for High Dimensional Problems. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 347-354.	0.2	2
117	Facial Emotion Profiling Based on Emotion Specific Feature Model. <i>Lecture Notes in Computer Science</i> , 2015, , 556-565.	1.3	0
118	A Hybrid Model of Fuzzy ARTMAP and the Genetic Algorithm for Data Classification. <i>Lecture Notes in Computer Science</i> , 2015, , 346-353.	1.3	0
119	Development of Biological Movement Recognition by Interaction between Active Basis Model and Fuzzy Optical Flow Division. <i>Scientific World Journal</i> , The, 2014, 2014, 1-14.	2.1	6
120	Comparative Study on Interaction of Form and Motion Processing Streams by Applying Two Different Classifiers in Mechanism for Recognition of Biological Movement. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	6
121	A Generalized Quantum-Inspired Decision Making Model for Intelligent Agent. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	5
122	Learning the Mapping Rules for Sentiment Analysis. , 2014, , .		2
123	Emotion recognition based on correlation between left and right frontal EEG assymetry. , 2014, , .		3
124	Quantum-Inspired Bidirectional Associative Memory for Human-Robot Communication. <i>International Journal of Humanoid Robotics</i> , 2014, 11, 1450006.	1.1	0
125	Autonomous motion primitive segmentation of actions for incremental imitative learning of humanoid. , 2014, , .		1
126	Humanoid behaviour learning through visuomotor association by self-imitation. , 2014, , .		3



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127	Affective communication robot partners using associative memory with mood congruency effects. , 2014, , .		4
128	Learning sufficient representation for spatio-temporal deep network using information filter. , 2014, , .		0
129	Fractal dimension methods to determine optimum EEG electrode placement for concentration estimation. , 2014, , .		5
130	Quantum-inspired multidirectional associative memory for human-robot interaction system. , 2014, , .		0
131	A hybrid FMM-CART model for human activity recognition. , 2014, , .		7
132	Robust face recognition via transfer learning for robot partner. , 2014, , .		2
133	Condition Monitoring of Broken Rotor Bars Using a Hybrid FMM-GA Model. Lecture Notes in Computer Science, 2014, , 381-389.	1.3	1
134	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
135	Geometric Feature-Based Facial Emotion Recognition Using Two-Stage Fuzzy Reasoning Model. Lecture Notes in Computer Science, 2014, , 344-351.	1.3	11
136	Topological Gaussian Adaptive Resonance Associative Memory with Fuzzy Motion Planning for Place Navigation. Lecture Notes in Computer Science, 2014, , 604-611.	1.3	1
137	Transfer Learning Using the Online FMM Model. Lecture Notes in Computer Science, 2014, , 151-158.	1.3	1
138	Artificial Curiosity Driven Robots with Spatiotemporal Regularity Discovery Ability. Lecture Notes in Computer Science, 2014, , 87-98.	1.3	1
139	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
140	Biological inspired human action recognition. , 2013, , .		5
141	Human-Robot Interaction System with Quantum-Inspired Bidirectional Associative Memory. , 2013, , .		0
142	Biologically Inspired Topological Gaussian ARAM for Robot Navigation. , 2013, , .		1
143	Incremental on-line learning of human motion using Gaussian adaptive resonance hidden Markov model. , 2013, , .		7
144	Transformative Robotic Education for the Realization of Malaysia National Philosophy of Education. Communications in Computer and Information Science, 2013, , 416-426.	0.5	3

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145	A Novel Complex-Valued Fuzzy ARTMAP for Sparse Dictionary Learning. Lecture Notes in Computer Science, 2013, , 360-368.	1.3	1
146	Image Classification Using Optimized Synergetic Neural Network. Communications in Computer and Information Science, 2013, , 170-180.	0.5	0
147	Topological Gaussian ARAM for Simultaneous Localization and Mapping (SLAM). , 2012, , .		3
148	Development of Fast Incremental Slow Feature Analysis (F-IncSFA). , 2012, , .		1
149	BIOLOGICALLY INSPIRED FACE RECOGNITION: TOWARD POSE-INVARIANCE. International Journal of Neural Systems, 2012, 22, 1250029.	5.2	4
150	An integrated approach for head gesture based interface. Applied Soft Computing Journal, 2012, 12, 1101-1114.	7.2	12
151	Genetic Ensemble Biased ARTMAP Method of ECG-Based Emotion Classification. Smart Innovation, Systems and Technologies, 2012, , 299-306.	0.6	4
152	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
153	Object Recognition Using Sparse Representation of Overcomplete Dictionary. Lecture Notes in Computer Science, 2012, , 75-82.	1.3	2
154	Off-time swimming pool surveillance using thermal imaging system. , 2011, , .		4
155	A study of different unwarping methods for omnidirectional imaging. , 2011, , .		4
156	Autonomous and deterministic supervised fuzzy clustering with data imputation capabilities. Applied Soft Computing Journal, 2011, 11, 1117-1125.	7.2	24
157	Evaluation of fractal dimension estimation methods for feature extraction in motor imagery based brain computer interface. Procedia Computer Science, 2011, 3, 589-594.	2.0	25
158	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
159	Morphic Computing Inspired Hopfield Model for Sensorimotor Transformation (Vestibule-Ocular) Tj ETQq1 1 0.784314 rgBT /Overlock 1		
160	Computer Simulations and Applications of Quantum Associative Network. , 2011, , 112-126.		0
161	Quantum Phase-Hebbian Image Processing. , 2011, , 222-228.		0
162	Visual Processing As Described By Contemporary Main-Stream Neuroscience. , 2011, , 131-178.		0

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163	Derivation of Quantum Associative Network from Hopfield-Like ANN and HNeT. , 2011, , 199-216.		0
164	Comparison of the Mathematical Formalism of Associative ANN and Quantum Theory. , 2011, , 179-198.		1
165	Introduction to Holonomic-Compatible Models for Vision. , 2011, , 1-18.		0
166	Images, Associations and Conscious Experience. , 2011, , 73-111.		0
167	Computational Models Relevant For Visual Cortex. , 2011, , 229-234.		0
168	Quantum Neural Information Processing. , 2011, , 217-221.		0
169	Holonomic Brain Processes. , 2011, , 19-45.		0
170	Computational Information-Maximization Models. , 2011, , 46-72.		0
171	FPGA implementation of log-polar mapping. International Journal of Computer Applications in Technology, 2010, 39, 12.	0.5	1
172	Face Recognition with Quantum Associative Networks Using Overcomplete Gabor Wavelet. Cognitive Computation, 2010, 2, 297-302.	5.2	7
173	Thermal condition monitoring system using log-polar mapping, quaternion correlation and max-product fuzzy neural network classification. Neurocomputing, 2010, 74, 164-177.	5.9	21
174	Quantum Morphogenetic System in View-Invariant recognition. , 2010, , .		1
175	PSO optimization of synergetic neural classifier for multichannel emotion recognition. , 2010, , .		8
176	Facial pose estimation using modified synergetic computer. , 2010, , .		2
177	Adaptive Resonance Associative Memory for multi-channel emotion recognition. , 2010, , .		1
178	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
179	Implementation of asymmetric multiprocessing framework in humanoid robot. , 2010, , .		0
180	An Effective Trespasser Detection System Using Thermal Camera. , 2010, , .		17

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181	Home Alone Faint Detection Surveillance System Using Thermal Camera. , 2010, , .		30
182	Parameter controlled chaotic synergetic neural network for face recognition. , 2010, , .		1
183	Wireless Webcam Based Omnidirectional Health Care Surveillance System. , 2010, , .		3
184	Quaternion Based Thermal Condition Monitoring System. Proceedings in Information and Communications Technology, 2010, , 352-362.	0.2	3
185	Application of Gabor Wavelet in Quantum Holography for Image Recognition. International Journal of Nanotechnology and Molecular Computation, 2010, 2, 44-61.	0.3	1
186	Real-time facial expression recognitions: A review. , 2009, , .		3
187	Adaptive Case Based Reasoning for Fault Diagnosis. , 2009, , .		2
188	Two-Factor Face Authentication: Topographic Independent Component Analysis (TICA) and Multispace Random Projection (MRP). , 2009, , .		1
189	Quantum Morphogenetic System in image recognition. , 2009, , .		0
190	Enhanced probabilistic neural network with data imputation capabilities for machine-fault classification. Neural Computing and Applications, 2009, 18, 791-800.	5.6	9
191	Omnidirectional Surveillance System for Digital Home Security. , 2009, , .		6
192	Machine condition monitoring using omnidirectional thermal imaging system. , 2009, , .		3
193	Classification of Motor Imaginary Signals for Machine Communication - A Novel Approach for Brain Machine Interface Design. , 2009, , .		3
194	An Effective Surveillance System Using Thermal Camera. , 2009, , .		37
195	Path control of dexterous robotic hand using Genetic Algorithm. , 2009, , .		1
196	On the optimal control of the steel annealing processes as a two-stage hybrid systems via PSO algorithms. International Journal of Bio-Inspired Computation, 2009, 1, 198.	0.9	22
197	Hybrid particle swarm optimization algorithm with fine tuning operators. International Journal of Bio-Inspired Computation, 2009, 1, 14.	0.9	43
198	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

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199	FPGA Implementation of Log-polar Mapping. , 2008, , .		4
200	Forgery Detection in Dynamic Signature Verification by Entailing Principal Component Analysis. Discrete Dynamics in Nature and Society, 2007, 2007, 1-8.	0.9	14
201	On the optimal control of the steel annealing processes as a two-stage hybrid systems via different versions of PSO algorithms. , 2007, , .		0
202	A novel effective particle swarm optimization like algorithm via extrapolation technique. , 2007, , .		7
203	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
204	Robust incremental growing multi-experts network. Applied Soft Computing Journal, 2006, 6, 139-153.	7.2	2
205	Probabilistic ensemble simplified fuzzy ARTMAP for sonar target differentiation. Neural Computing and Applications, 2006, 15, 79-90.	5.6	4
206	Autonomous and Deterministic Probabilistic Neural Network Using Global k-Means. Lecture Notes in Computer Science, 2006, , 830-836.	1.3	0
207	Bio-computational model of object-recognition: Quantum Hebbian processing with neurally shaped Gabor wavelets. BioSystems, 2005, 82, 116-126.	2.0	10
208	Simulated Quantum-Optical Object Recognition from High-Resolution Images. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2005, 99, 218.	0.6	2
209	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
210	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
211	Associative Memory Based Image and Object Recognition by Quantum Holography. Open Systems and Information Dynamics, 2004, 11, 277-289.	1.2	12
212	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
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