

CITATION REPORT

List of articles citing

Quantum-behaved particle swarm optimization:
analysis of individual particle behavior and parameter selection

DOI: 10.1162/evco_a_00049

Evolutionary Computation, 2012, 20, 349-93.

Source: <https://exaly.com/paper-pdf/54018808/citation-report.pdf>

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
241	Quantum-behaved particle swarm optimization with Gaussian distributed local attractor point. 2011 , 218, 3763-3775		122
240	An Improved Quantum-Behaved Particle Swarm Optimization Method for Economic Dispatch Problems with Multiple Fuel Options and Valve-Points Effects. 2012 , 5, 3655-3673		26
239	Convergence analysis and improvements of quantum-behaved particle swarm optimization. 2012 , 193, 81-103		124
238	A study of stochastic algorithms for 3D articulated human body tracking. 2013 ,		
237	An application of quantum-inspired particle swarm optimization to function optimization problems. 2013 ,		2
236	Speech enhancement strategy for speech recognition microcontroller under noisy environments. <i>Neurocomputing</i> , 2013 , 118, 279-288	5.4	12
235	Training ANFIS Model with an Improved Quantum-Behaved Particle Swarm Optimization Algorithm. 2013 , 2013, 1-10		16
234	An Image Enhancement Method Using the Quantum-Behaved Particle Swarm Optimization with an Adaptive Strategy. 2013 , 2013, 1-14		16
233	A Novel Binary Quantum-Behaved Particle Swarm Optimization Algorithm. 2013 ,		3
232	Combinations of Intelligent Methods and Applications. <i>Smart Innovation, Systems and Technologies</i> , 2013 ,	0.5	1
231	The optimal thrust allocation based on QPSO algorithm for dynamic positioning vessels. 2014 ,		0
230	Particle Swarm Optimization Based on Local Attractors of Ordinary Differential Equation System. 2014 , 2014, 1-10		2
229	Quantum-Behaved Particle Swarm Optimization Using Q-Learning. 2014 , 556-562, 3965-3971		2
228	Solving the Power Economic Dispatch Problem With Generator Constraints by Random Drift Particle Swarm Optimization. 2014 , 10, 222-232		113
227	Multiple Sequence Alignment with Hidden Markov Models Learned by Random Drift Particle Swarm Optimization. 2014 , 11, 243-57		14
226	Biochemical systems identification by a random drift particle swarm optimization approach. 2014 , 15 Suppl 6, S1		17
225	Particle swarm optimisers for the designing of parametric adjustment laws in discrete-time adaptive systems. 2014 , 87, 2549-2572		1

224	An improved quantum-behaved particle swarm optimization method for solving constrained global optimization problems. 2015 ,		0
223	Conjointly well localized modulated lapped orthogonal transforms. 2015 ,		
222	Quantum-Behaved Particle Swarm Optimization with Novel Adaptive Strategies. 2015 , 9, 143-161		7
221	Pareto-Ranking Based Quantum-Behaved Particle Swarm Optimization for Multiobjective Optimization. 2015 , 2015, 1-10		6
220	A Comprehensive Survey on Particle Swarm Optimization Algorithm and Its Applications. 2015 , 2015, 1-38		285
219	An Improved Quantum-Behaved Particle Swarm Optimization Algorithm with Elitist Breeding for Unconstrained Optimization. 2015 , 2015, 326431		17
218	An Improved QPSO Algorithm Based on Entire Search History. 2015 ,		
217	A Novel Quantum-Behaved Particle Swarm Optimization Algorithm. 2015 ,		
216	Quantum-Behaved Particle Swarm Optimization with Cooperative Coevolution for Large Scale Optimization. 2015 ,		2
215	Adaptive Web QoS controller based on online system identification using quantum-behaved particle swarm optimization. <i>Soft Computing</i> , 2015 , 19, 1715-1725	3-5	11
214	An Efficient and Effective Algorithm for Large Scale Global Optimization Problems. 2015 , 29, 1559006		4
213	Prediction approach of software fault-proneness based on hybrid artificial neural network and quantum particle swarm optimization. 2015 , 35, 717-725		52
212	Calibrating RZWQM2 model using quantum-behaved particle swarm optimization algorithm. 2015 , 113, 72-80		9
211	Slope stability analysis based on quantum-behaved particle swarm optimization and least squares support vector machine. 2015 , 39, 5253-5264		29
210	A novel bat algorithm with habitat selection and Doppler effect in echoes for optimization. 2015 , 42, 6350-6364		143
209	Random drift particle swarm optimization algorithm: convergence analysis and parameter selection. 2015 , 101, 345-376		40
208	A hybrid evolutionary computation approach with its application for optimizing text document clustering. 2015 , 42, 2517-2524		32
207	Parameter estimation of TakagiSugeno fuzzy system using heterogeneous cuckoo search algorithm. <i>Neurocomputing</i> , 2015 , 151, 1332-1342	5-4	38

206	Simple PSO Algorithm with Opposition-based Learning Average Elite Strategy. 2016 , 9, 187-196	2
205	An adaptive quantum-behaved particle swarm optimizer for global optimization of inverse problem. 2016 , 52, 793-799	
204	The performance analysis of satellite virtual channel scheduling algorithms based on stochastic network calculus. 2016 ,	1
203	Cancer Feature Selection and Classification Using a Binary Quantum-Behaved Particle Swarm Optimization and Support Vector Machine. 2016 , 2016, 3572705	43
202	A Novel Multiobjective Quantum-Behaved Particle Swarm Optimization Based on the Ring Model. 2016 , 2016, 1-15	2
201	A Novel Quantum-Behaved Bat Algorithm with Mean Best Position Directed for Numerical Optimization. 2016 , 2016, 6097484	23
200	Hybridizing DEMD and Quantum PSO with SVR in Electric Load Forecasting. 2016 , 9, 221	17
199	Load-balanced user association and resource allocation under limited capacity backhaul for small cell networks. 2016 ,	
198	Multi-objective random drift particle swarm optimization algorithm with adaptive grids. 2016 ,	1
197	An Elitist Promotion Quantum-Behaved Particle Swarm Optimization Algorithm. 2016 ,	2
196	Mobile robot navigation control using recurrent fuzzy cerebellar model articulation controller based on improved dynamic artificial bee colony. 2016 , 8, 168781401668123	5
195	Social-aware peer discovery and resource allocation for device-to-device communication. 2016 ,	1
194	Cultural quantum-behaved particle swarm optimization for environmental/economic dispatch. 2016 , 48, 597-611	25
193	An evolutionary multi-layer perceptron neural network for solving unconstrained global optimization problems. 2016 ,	2
192	Joint APs selection and resource allocation for self-healing in ultra dense network. 2016 ,	11
191	A quantum-behaved particle swarm optimization for hyperspectral endmember extraction. 2016 ,	2
190	Hybrid Chaotic Quantum behaved Particle Swarm Optimization algorithm for thermal design of plate fin heat exchangers. 2016 , 40, 50-69	58
189	Quantum-inspired multi-objective optimization evolutionary algorithm based on decomposition. <i>Soft Computing</i> , 2016 , 20, 3257-3272	3.5 7

188	Parameter optimization of software reliability growth model with S-shaped testing-effort function using improved swarm intelligent optimization. 2016 , 40, 283-291		32
187	Hybrid quantum particle swarm optimisation to calculate wideband Green's functions for microstrip structures. 2016 , 10, 264-270		2
186	A decentralized quantum-inspired particle swarm optimization algorithm with cellular structured population. 2016 , 330, 19-48		50
185	. 2017 , 10, 1610-1631		23
184	A modified quantum-based particle swarm optimization for engineering inverse problem. 2017 , 36, 168-187		6
183	Energy-Efficient Sub-Carrier and Power Allocation in Cloud-Based Cellular Network With Ambient RF Energy Harvesting. <i>IEEE Access</i> , 2017 , 5, 1340-1352	3.5	23
182	Non-linear stochastic inversion of gravity data via quantum-behaved particle swarm optimisation: application to Eurasia-Arabia collision zone (Zagros, Iran). 2017 , 65, 274-294		10
181	A novel quantum-behaved particle swarm optimization with random selection for large scale optimization. 2017 ,		5
180	Quantum-behaved particle swarm optimization with collaborative attractors for nonlinear numerical problems. 2017 , 44, 167-183		12
179	Improved quantum-behaved particle swarm optimization with local search strategy. 2017 , 11, 3-12		6
178	An improved quantum particle swarm optimizer for electromagnetic design problem. 2017 , 55, 301-311		1
177	Analysis and operation of three different forms probabilistic particle swarm optimization algorithm. 2017 , 69, 012158		
176	Dempster-shafer based probabilistic fuzzy logic system for wind speed prediction. 2017 ,		1
175	Multi-Auv Distributed Task Allocation Based on the Differential Evolution Quantum Bee Colony Optimization Algorithm. 2017 , 24, 65-71		4
174	A study on test nodes selection problem with test capacity constraint in QoE measurement network. 2017 ,		
173	Particle Swarm Optimization Research Base on Quantum Q-Learning Behavior. 2017 , 10, 29-38		2
172	A Mutation Operator Accelerated Quantum-Behaved Particle Swarm Optimization Algorithm for Hyperspectral Endmember Extraction. <i>Remote Sensing</i> , 2017 , 9, 197	5	24
171	Performance Improvement of Spaceborne SAR Using Antenna Pattern Synthesis Based on Quantum-Behaved Particle Swarm Optimization. 2017 , 2017, 1-12		6

170	Radar Target Classification Using an Evolutionary Extreme Learning Machine Based on Improved Quantum-Behaved Particle Swarm Optimization. 2017 , 2017, 1-13		4
169	A Swarm Optimization Genetic Algorithm Based on Quantum-Behaved Particle Swarm Optimization. 2017 , 2017, 2782679		8
168	A Novel Distributed Quantum-Behaved Particle Swarm Optimization. 2017 , 2017, 1-9		7
167	Quantum Particle Swarm Optimization for Synthesis of Non-uniformly Spaced Linear Arrays with Broadband Frequency Invariant Pattern. 2017 , 16, 602-614		1
166	Multi-Task Multi-View Learning Based on Cooperative Multi-Objective Optimization. <i>IEEE Access</i> , 2018 , 6, 19465-19477	3.5	15
165	Nonlinear model predictive controller design based on learning model for turbocharged gasoline engine of passenger vehicle. 2018 , 109, 74-88		19
164	A quantum-inspired particle swarm optimization approach for environmental/economic power dispatch problem using cubic criterion function. 2018 , 28, e2497		18
163	Forecasting Daily Runoff by Extreme Learning Machine Based on Quantum-Behaved Particle Swarm Optimization. 2018 , 23, 04018002		59
162	Coordinated Tuning of the Parameters of PSS and POD Controllers Using Bioinspired Algorithms. 2018 , 54, 3845-3857		25
161	Analog Circuit Incipient Fault Diagnosis Method Using DBN Based Features Extraction. <i>IEEE Access</i> , 2018 , 6, 23053-23064	3.5	58
160	Data Clustering using a Hybrid of Fuzzy C-Means and Quantum-behaved Particle Swarm Optimization. 2018 ,		9
159	A new quantum chaotic cuckoo search algorithm for data clustering. 2018 , 96, 358-372		73
158	An Improved Multiobjective Quantum-Behaved Particle Swarm Optimization Based on Double Search Strategy and Circular Transposon Mechanism. 2018 , 2018, 1-22		9
157	A Modified QPSO for Robotic Vehicle Path Planning. 2018 ,		2
156	Quantum-Behaved Particle Swarm Optimization Based Radial Basis Function Network for Classification of Clinical Datasets. 2018 , 9, 32-52		2
155	Minimization of Logistics Cost and Carbon Emissions Based on Quantum Particle Swarm Optimization. 2018 , 10, 3791		10
154	A quantum inspired PSO algorithm for energy efficient clustering in wireless sensor networks. 2018 , 5, 1522086		4
153	A RQPSO Algorithm for Multiphase Equilibrium Calculation in the KIVCET Process. 2018 , 70, 2893-2899		2

152	Analog Circuit Fault Diagnosis via Joint Cross-Wavelet Singular Entropy and Parametric t-SNE. 2018 , 20,		13
151	A modified quantum particle swarm optimizer applied to optimization design of electromagnetic devices. 2018 , 58, 347-357		5
150	A Quantum Particle Swarm Optimization Algorithm Based on Self-Updating Mechanism. <i>International Journal of Swarm Intelligence Research</i> , 2018 , 9, 1-19	1.1	2
149	Semi-global inversion of v p to v s ratio for elastic wavefield inversion. 2018 , 34, 115011		4
148	A multisensor data fusion strategy for path selection in Internet-of-Things oriented wireless sensor network (WSN). 2018 , 30, e4477		11
147	Spinning Reserve Capacity Optimization of a Power System When Considering Wind Speed Correlation. 2018 , 1, 21		2
146	Optimal layout of health monitoring sensor in gymnasium based on improved particle swarm optimization algorithm. 2018 , 35, 2813-2819		2
145	Multi-scale quantum harmonic oscillator algorithm for global numerical optimization. 2018 , 69, 655-670		16
144	A compound objective reconfiguration of distribution networks using hierarchical encoded particle swarm optimization. 2018 , 25, 600-615		1
143	Assessment of performance of Levy flight particle swarm optimization in the estimation of heat source. 2018 , 32, 3915-3928		1
142	An Elitist Transposon Quantum-Based Particle Swarm Optimization Algorithm for Economic Dispatch Problems. 2018 , 2018, 1-15		4
141	Self-organized Resource Allocation Based on Traffic Prediction for Load Imbalance in HetNets with NOMA. 2018 , 55-65		
140	Solving reverse emergence with quantum PSO application to image processing. <i>Soft Computing</i> , 2019 , 23, 6921-6935	3.5	13
139	A novel enhanced bat optimization based energy efficiency and imperfect channel state information in cooperative MIMO-AF systems. 2019 , 31, e4839		1
138	A Statistical Study on Parameter Selection of Operators in Continuous State Transition Algorithm. 2019 , 49, 3722-3730		33
137	Multiple-relations-constrained image classification with limited training samples via Pareto optimization. 2019 , 31, 6821-6842		
136	Multiscale Quantum Harmonic Oscillator Algorithm With Strict Metastability Constraints for Multi-Modal Optimization. <i>IEEE Access</i> , 2019 , 7, 17377-17388	3.5	3
135	Multiscale Quantum Harmonic Oscillator Algorithm With Multi-Harmonic Oscillators for Numerical Optimization. <i>IEEE Access</i> , 2019 , 7, 51159-51170	3.5	2

134	Multi-Scale Quantum Harmonic Oscillator Algorithm With Truncated Mean Stabilization Strategy for Global Numerical Optimization Problems. <i>IEEE Access</i> , 2019 , 7, 18926-18939	3.5	5
133	Multi-Scale Quantum Harmonic Oscillator Algorithm With Centroid Motion for Global Numerical Optimization Problems. <i>IEEE Access</i> , 2019 , 7, 90055-90068	3.5	
132	Incipient Fault Diagnosis Method for IGBT Drive Circuit Based on Improved SAE. <i>IEEE Access</i> , 2019 , 7, 92410-92418	3.5	7
131	A Quantum Grey Wolf Optimizer based declustering model for analysis of earthquake catalogs in an ergodic framework. 2019 , 36, 101019		11
130	Impact of migration strategies and individual stabilization on multi-scale quantum harmonic oscillator algorithm for global numerical optimization problems. 2019 , 85, 105800		3
129	Improving Arabic neural machine translation via n-best list re-ranking. 2019 , 33, 279-314		3
128	Blockchain Scheme Based on Evolutionary Proof of Work. 2019 ,		1
127	Multi-Strategy Adaptive Cuckoo Search Algorithm. <i>IEEE Access</i> , 2019 , 7, 137642-137655	3.5	13
126	Simplex quantum-behaved particle swarm optimization algorithm with application to ecological operation of cascade hydropower reservoirs. 2019 , 84, 105715		27
125	Quantum-Behaved Particle Swarm Optimization for Parameter Optimization of Support Vector Machine. 2019 , 36, 576-598		29
124	Simultaneous estimation of tracer kinetic model parameters using analytical and inverse approaches with a hybrid method. 2019 , 96, 2567-2579		
123	Transformer Fault Diagnosis Method Based on Self-Powered RFID Sensor Tag, DBN, and MKSVM. 2019 , 19, 8202-8214		18
122	An Improved Quantum-Behaved Particle Swarm Optimization for Endmember Extraction. 2019 , 57, 6003-6017		51
121	An Improved Particle Swarm Optimization Algorithm with Adaptive Inertia Weights. 2019 , 18, 833-866		19
120	Hybrid QPSO and SQP Algorithm with Homotopy Method for Optimal Control of Rapid Cooperative Rendezvous. 2019 , 32, 04019030		4
119	Insights into Contaminant Transport Modeling Through Compacted Bentonites. 2019 , 101-120		
118	Accurate Parameter Estimation of a Hydro-Turbine Regulation System Using Adaptive Fuzzy Particle Swarm Optimization. 2019 , 12, 3903		9
117	A quantum-behaved particle swarm optimization algorithm with extended elitist breeding. 2019 ,		

116	Differential Evolution Quantum Particle Swarm Optimization for Solving Job-shop Scheduling Problem. 2019 ,		
115	Quantum PSO Algorithm for Clustering in Wireless Sensor Networks to Improve Network Lifetime. 2019 , 699-713		4
114	Semiglobal viscoacoustic full-waveform inversion. 2019 , 84, R271-R293		13
113	A Novel Hybrid Algorithm of Particle Swarm Optimization and Evolution Strategies for Geophysical Non-linear Inverse Problems. 2019 , 176, 1601-1613		7
112	A novel projection twin support vector machine for binary classification. <i>Soft Computing</i> , 2019 , 23, 655-668		4
111	d-QPSO: A Quantum-Behaved Particle Swarm Technique for Finding D-Optimal Designs With Discrete and Continuous Factors and a Binary Response. 2019 , 61, 77-87		14
110	A fitness-based multi-role particle swarm optimization. 2019 , 44, 349-364		31
109	A non-revisiting quantum-behaved particle swarm optimization based multilevel thresholding for image segmentation. 2020 , 32, 12011-12031		13
108	A quantum-behaved particle swarm optimization algorithm with the flexible single-/multi-population strategy and multi-stage perturbation strategy based on the characteristics of objective function. <i>Soft Computing</i> , 2020 , 24, 6909-6956	3.5	2
107	Particle swarm optimization research base on quantum self-learning behavior. 2020 , 20, 91-99		2
106	Motion-encoded particle swarm optimization for moving target search using UAVs. 2020 , 97, 106705		19
105	Multi-Robot Source Location of Scalar Fields by a Novel Swarm Search Mechanism With Collision/Obstacle Avoidance. 2020 , 1-16		4
104	Multireservoir system operation optimization by hybrid quantum-behaved particle swarm optimization and heuristic constraint handling technique. 2020 , 590, 125477		13
103	Dynamic Multi-Swarm Differential Learning Quantum Bird Swarm Algorithm and Its Application in Random Forest Classification Model. 2020 , 2020, 6858541		4
102	An improved quantum particle swarm photovoltaic multi-peak mPPT method combined with Levy flight. 2020 , 8, 3980-3994		0
101	Applying Robust Intelligent Algorithm and Internet of Things to Global Maximum Power Point Tracking of Solar Photovoltaic Systems. 2020 , 2020, 1-10		3
100	Improved Generalized Predictive Control for High-Speed Train Network Systems Based on EMD-AQPSO-LS-SVM Time Delay Prediction Model. 2020 , 2020, 1-19		2
99	Quantum-Based Analytical Techniques on the Tackling of Well Placement Optimization. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7000	2.6	4

98	A New Algorithm to Solve the Generalized Nash Equilibrium Problem. 2020 , 2020, 1-9		2
97	Iterative Approach With Optimization-Based Execution Scheme for Parameter Identification of Distributed Parameter Systems and its Application in Secure Communication. 2020 , 67, 3113-3126		6
96	Construction and Optimization of Fuzzy Rule-Based Classifier with a Swarm Intelligent Algorithm. 2020 , 2020, 1-12		0
95	Cooperative malicious network behavior recognition algorithm in E-commerce. 2020 , 95, 101868		3
94	Quantum-enhanced multiobjective large-scale optimization via parallelism. 2020 , 57, 100697		73
93	An Optimal Site Selection for Distributed Generation in the Distribution Network by QPSO Algorithm. 2020 ,		1
92	Multiobjective Long-Term Generation Scheduling of Cascade Hydroelectricity System Using a Quantum-Behaved Particle Swarm Optimization Based on Decomposition. <i>IEEE Access</i> , 2020 , 8, 100837-100856	3.5	0
91	Intelligent Modeling for Transfer Function Control of DBR Semiconductor Laser at Near-Working Point. <i>IEEE Access</i> , 2020 , 8, 24514-24521	3.5	1
90	Scheduling Optimization of Time-Triggered Cyber-Physical Systems Based on Fuzzy-Controlled QPSO and SMT Solver. 2020 , 13, 668		1
89	Quantum Optimization and Quantum Learning: A Survey. <i>IEEE Access</i> , 2020 , 8, 23568-23593	3.5	20
88	Local Path Planning for Unmanned Surface Vehicle Collision Avoidance Based on Modified Quantum Particle Swarm Optimization. 2020 , 2020, 1-15		18
87	Improved Chaotic Quantum-Behaved Particle Swarm Optimization Algorithm for Fuzzy Neural Network and Its Application. 2020 , 2020, 1-11		3
86	A novel multitype-users welfare equilibrium based real-time pricing in smart grid. 2020 , 108, 145-160		8
85	Quantum-inspired algorithm with fitness landscape approximation in reduced dimensional spaces for numerical function optimization. 2020 , 527, 253-278		5
84	Derivative-free level-set-based multi-objective topology optimization of flow channel designs using lattice Boltzmann method. 2021 , 231, 116323		0
83	Differential privacy distributed learning under chaotic quantum particle swarm optimization. 2021 , 103, 449-472		1
82	A Cauchy-Gaussian Quantum-Behaved Bat Algorithm Applied to Solve the Economic Load Dispatch Problem. <i>IEEE Access</i> , 2021 , 9, 3207-3228	3.5	6
81	An innovative hybrid algorithm to solve nonconvex economic load dispatch problem with or without valve point effects. 2021 , 31,		4

80	Multiobjective optimization of area-to-point heat conduction structure using binary quantum-behaved PSO and Tchebycheff decomposition method. 2021 , 99, 1211-1227		1
79	An innovative hybrid algorithm for bound-unconstrained optimization problems and applications. 1		1
78	An Effective Swarm Intelligence Optimization Algorithm for Flexible Ligand Docking. 2021 , PP,		
77	Novel Adaptive Sparse-Spike Deconvolution Bearing Fault Detection Method Based on Curvelet Transform. <i>IEEE Access</i> , 2021 , 9, 6239-6249	3.5	
76	Fast parameter free Smart particle swarm optimization (SPSO). 2021 ,		
75	Optimizing Network Lifetime and Energy Consumption in Homogeneous Clustered WSNs Using Quantum PSO Algorithm. 2021 , 157-169		1
74	Noise-enhanced quantum annealing approach and its application in plug-in hybrid electric vehicle charging optimization. 2021 , 57, 314-316		0
73	Design and applications of an advanced hybrid meta-heuristic algorithm for optimization problems. 1		4
72	State-of-the-Art Reviews of Meta-Heuristic Algorithms with Their Novel Proposal for Unconstrained Optimization and Applications. 2021 , 28, 4049-4115		2
71	Least Squares Boosting Ensemble and Quantum-Behaved Particle Swarm Optimization for Predicting the Surface Roughness in Face Milling Process of Aluminum Material. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2126	2.6	3
70	An improved QPSO algorithm and its application in fuzzy portfolio model with constraints. <i>Soft Computing</i> , 2021 , 25, 7695-7706	3.5	1
69	An improved Gaussian distribution based quantum-behaved particle swarm optimization algorithm for engineering shape design problems. 1-27		3
68	Combined Optimization of Frequency Band and Time Segment Using Quantum Particle Swarm Algorithm for Brain-Computer Interfaces. 2150234		0
67	A Comprehensive Assessment of Large-scale Battery Integrated Hybrid Renewable Energy System to Improve Sustainability of a Smart City. 1-22		4
66	Quantum inspired Particle Swarm Optimization with guided exploration for function optimization. 2021 , 102, 107122		7
65	Signal Subspace Reconstruction for DOA Detection Using Quantum-Behaved Particle Swarm Optimization. <i>Remote Sensing</i> , 2021 , 13, 2560	5	2
64	Resource Allocation Strategy for Dual UAVs-Assisted MEC System with Hybrid Solar and RF Energy Harvesting. 2021 ,		1
63	Adaptive cuckoo algorithm with multiple search strategies. 2021 , 106, 107181		9

62	Iteration-based parameter identification and its applications about distributed parameter systems. 2021 , 105, 107300	0
61	Safety-enhanced UAV path planning with spherical vector-based particle swarm optimization. 2021 , 107, 107376	37
60	Energy-Efficient Bandwidth and Power Allocation in Relay-Assisted Multi-Layer Heterogeneous Networks with Energy Harvesting. 1	
59	LSFQPSO: quantum particle swarm optimization with optimal guided Levy flight and straight flight for solving optimization problems. 1	3
58	DMO-QPSO: A Multi-Objective Quantum-Behaved Particle Swarm Optimization Algorithm Based on Decomposition with Diversity Control. 2021 , 9, 1959	2
57	A Hybrid Quantum-Behaved Particle Swarm Optimization Algorithm for Solving Inverse Scattering Problems. 2021 , 69, 5861-5869	4
56	Electric vehicle charging schedule considering shared charging pile based on Generalized Nash Game. 2022 , 136, 107579	0
55	Energy consumption optimization of processor scheduling for real-time embedded systems under the constraints of sequential relationship and reliability. 2022 , 61, 73-80	1
54	A Quantum Particle Swarm Optimization Algorithm Based on Self-Updating Mechanism. 2021 , 1-21	
53	Double-loop control and intelligent parameter tuning for the temperature control system of a DBR semiconductor laser. 2021 , 60, 326-332	1
52	QRP: QPSO Based Routing Protocol for Energy Efficiency in Wireless Body Area Networks. 2021 , 205-221	1
51	Parallel Coevolution of Quantum-Behaved Particle Swarm Optimization for High-Dimensional Problems. 2016 , 367-376	1
50	Visual Tracking by Sequential Cellular Quantum-Behaved Particle Swarm Optimization Algorithm. 2016 , 86-94	1
49	Quantum-Behaved Particle Swarm Optimization Using MapReduce. 2016 , 173-178	3
48	Quantum-inspired optimisation algorithm via energy equipartition and elitists preservation. 2019 , 55, 485-487	1
47	Dynamic scale quantum-inspired optimisation algorithm under harmonic oscillator potential well. 2019 , 55, 1012-1015	2
46	Research on fingerprint classification based on twin support vector machine. 2020 , 14, 231-235	9
45	Multi-AUV autonomous task planning based on the scroll time domain quantum bee colony optimization algorithm in uncertain environment. 2017 , 12, e0188291	10

44	Quantum-Behaved Particle Swarm Optimization Based Radial Basis Function Network for Classification of Clinical Datasets. 2020 , 1290-1313		2
43	Dynamic Network Traffic Flow Prediction Model based on Modified Quantum-Behaved Particle Swarm Optimization. 2013 , 8,		1
42	Control of Slosh Instability: Experimental Verification with Underactuated Double Inverted Pendulum System. 2021 ,		0
41	Tracking Multiple Optima in Dynamic Environments by Quantum-Behavior Particle Swarm Using Speciation. <i>International Journal of Swarm Intelligence Research</i> , 2012 , 3, 55-76	1.1	1
40	Hybrid Approach of Genetic Programming and Quantum-Behaved Particle Swarm Optimization for Modeling and Optimization of Fermentation Processes. <i>Smart Innovation, Systems and Technologies</i> , 2013 , 117-136	0.5	
39	Content-Based Image Retrieval Based on Quantum-Behaved Particle Swarm Optimization Algorithm. <i>Lecture Notes in Computer Science</i> , 2016 , 392-400	0.9	
38	A Dynamically Quantum Particle Swarm Optimization Algorithm with Adaptive Mutation. <i>Journal of Software</i> , 2016 , 11, 338-346	3	
37	Atmospheric refractivity estimation from AIS signal power using the quantum-behaved particle swarm optimization algorithm. <i>Open Geosciences</i> , 2019 , 11, 542-548	1.3	2
36	Comparison of Heuristic Algorithms via Quantum Behavior in Localization of Wireless Sensor Networks. <i>Uluslararası Muhendislik Arastirma Ve Gelistirme Dergisi</i> , 587-602	0.2	1
35	Landslide susceptibility modeling in a complex mountainous region of Sikkim Himalaya using new hybrid data mining approach. <i>Geocarto International</i> , 1-26	2.7	4
34	Pre-Work for the Birth of Driver-Less Scraper (LHD) in the Underground Mine: The Path Tracking Control Based on an LQR Controller and Algorithms Comparison. <i>Sensors</i> , 2021 , 21,	3.8	1
33	Ameliorated Particle Swarm Optimization Algorithm and Its Application in Robot Path Planning. 2020 ,		
32	Extraction of Solar Cell Model Parameters Based on Quantum Whale Optimization Algorithm. 2021 ,		
31	Photoacoustic identification of blood authenticity based on quantum-behaved particle swarm optimized wavelet neural network.. <i>Journal of Biophotonics</i> , 2022 , e202100309	3.1	
30	Hybrid Controlled User Association and Resource Management for Energy-Efficient Green RANs With Limited Fronthaul. <i>IEEE Access</i> , 2022 , 10, 5264-5280	3.5	0
29	Quantum particle swarm optimization algorithm with the truncated mean stabilization strategy. <i>Quantum Information Processing</i> , 2022 , 21, 1	1.6	3
28	Multiple birth support vector machine based on dynamic quantum particle swarm optimization algorithm. <i>Neurocomputing</i> , 2022 , 480, 146-156	5.4	1
27	A synergic quantum particle swarm optimisation for constrained combinatorial test generation. <i>IET Software</i> ,	1	0

26	An Adaptive Surrogate-Assisted Endmember Extraction Framework Based on Intelligent Optimization Algorithms for Hyperspectral Remote Sensing Images. <i>Remote Sensing</i> , 2022 , 14, 892	5	2
25	Compressive strength prediction of sprayed concrete lining in tunnel engineering using hybrid machine learning techniques. <i>Underground Space (China)</i> , 2022 ,	3.7	1
24	Memetic quantum optimization algorithm with levy flight for high dimension function optimization. <i>Applied Intelligence</i> , 1	4.9	1
23	The underground explosion point high precision measurement method based on multidimensional information fusion of vibration sensors. <i>Sensor Review</i> , 2022 , 42, 281	1.4	
22	Comparison of differential evolution, particle swarm optimization, quantum-behaved particle swarm optimization, and quantum evolutionary algorithm for preparation of quantum states. <i>Chinese Physics B</i> ,	1.2	
21	A Reconfiguration Method of Distribution Network Considering Time Variations for Load and Renewable Distributed Generation. 2022 ,		1
20	An alternative computational optimization technique to solve linear and nonlinear Diophantine equations using discrete WQPSO algorithm. <i>Soft Computing</i> ,	3.5	
19	Parameter Identification of Lithium Battery Model Based on Chaotic Quantum Sparrow Search Algorithm. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 7332	2.6	1
18	Generation of cosecant squared pattern from linear array of active and parasitic dipole antennas. 2022 , 42, 278-294		
17	An air quality prediction model based on improved Vanilla LSTM with multichannel input and multiroute output. 2023 , 211, 118422		o
16	Hyperspectral image classification based on clustering dimensionality reduction and multi-scale feature fusion. 2022 , 33,		o
15	Research on Joint Resource Allocation for Multibeam Satellite Based on Metaheuristic Algorithms. 2022 , 24, 1536		o
14	A self-organizing fuzzy neural network modeling approach using an adaptive quantum particle swarm optimization.		o
13	A Quantum-Behaved Particle Swarm Optimization Algorithm on Riemannian Manifolds. 2022 , 10, 4168		o
12	Data clustering using leaders and followers optimization and differential evolution. 2023 , 132, 109838		o
11	Trajectory Control Strategy and System Modeling of Load-Sensitive Hydraulic Excavator. 2023 , 11, 10		o
10	An Optimization Method of Active Distribution Network Considering Time Variations in Load and Renewable Distributed Generation. 2022 , 2022, 1-21		o
9	Carbon emission controlled investment and warranty policy based production inventory model via meta-heuristic algorithms. 2023 , 109001		o

- 8 Real-time nonlinear model predictive control for optimizing the ammonia coverage ratio of an SCR system based on TC-QPSO. **2023**, 132, 105409 ○
- 7 Joint DOD and DOA detection for MIMO radar based on signal subspace reconstruction and matching. 11, ○
- 6 QBGA-BVM for Face Recognition of Livable Cities. **2023**, 37, ○
- 5 Cooperative power management for range extended electric vehicle based on internet of vehicles. **2023**, 273, 127238 ○
- 4 Adam-assisted quantum particle swarm optimization guided by length of potential well for numerical function optimization. **2023**, 79, 101309 ○
- 3 Optimization design of a parallel surgical robot with remote center of motion. **2023**, 185, 105327 ○
- 2 Research on the detection of axle abnormal noise based on maximum autocorrelation kurtosis deconvolution. **2023**, 203, 109228 ○
- 1 Sensitivity analysis on Gaussian quantum-behaved particle swarm optimization control parameters. ○