Wei Fang, æ–¹ä¼Ÿ

List of Publications by Year
in descending order

39 papers	1,693 citations	361413 20 h-index	454955 30 g-index
40 all docs	40 docs citations	40 times ranked	1418 citing authors

#	Article	IF	Citations
1	Quantum-Behaved Particle Swarm Optimization: Analysis of Individual Particle Behavior and Parameter Selection. Evolutionary Computation, 2012, 20, 349-393.	3.0	283
2	Convergence analysis and improvements of quantum-behaved particle swarm optimization. Information Sciences, 2012, 193, 81-103.	6.9	172
3	Quantum-behaved particle swarm optimization with Gaussian distributed local attractor point. Applied Mathematics and Computation, 2011, 218, 3763-3775.	2.2	168
4	Solving the Power Economic Dispatch Problem With Generator Constraints by Random Drift Particle Swarm Optimization. IEEE Transactions on Industrial Informatics, 2014, 10, 222-232.	11.3	155
5	A Review of Quantum-behaved Particle Swarm Optimization. IETE Technical Review (Institution of) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	103
6	Solving the economic dispatch problem with a modified quantum-behaved particle swarm optimization method. Energy Conversion and Management, 2009, 50, 2967-2975.	9.2	67
7	Gene expression data analysis with the clustering method based on an improved quantum-behaved Particle Swarm Optimization. Engineering Applications of Artificial Intelligence, 2012, 25, 376-391.	8.1	66
8	Random drift particle swarm optimization algorithm: convergence analysis and parameter selection. Machine Learning, 2015, 101, 345-376.	5.4	64
9	A decentralized quantum-inspired particle swarm optimization algorithm with cellular structured population. Information Sciences, 2016, 330, 19-48.	6.9	63
10	QoS multicast routing using a quantum-behaved particle swarm optimization algorithm. Engineering Applications of Artificial Intelligence, 2011, 24, 123-131.	8.1	53
11	A Quantum-Behaved Particle Swarm Optimization With Diversity-Guided Mutation for the Design of Two-Dimensional IIR Digital Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 141-145.	3.0	51
12	Multiple sequence alignment using the Hidden Markov Model trained by an improved quantum-behaved particle swarm optimization. Information Sciences, 2012, 182, 93-114.	6.9	49
13	Parameter estimation for chaotic systems with a Drift Particle Swarm Optimization method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2816-2822.	2.1	47
14	A New Mutated Quantum-Behaved Particle Swarm Optimizer for Digital IIR Filter Design. Eurasip Journal on Advances in Signal Processing, 2010, 2009, .	1.7	46
15	Multipopulation Ant Colony System With Knowledge-Based Local Searches for Multiobjective Supply Chain Configuration. IEEE Transactions on Evolutionary Computation, 2022, 26, 512-526.	10.0	34
16	Training ANFIS Model with an Improved Quantum-Behaved Particle Swarm Optimization Algorithm. Mathematical Problems in Engineering, 2013, 2013, 1-10.	1.1	25
17	Biochemical systems identification by a random drift particle swarm optimization approach. BMC Bioinformatics, 2014, 15, S1.	2.6	23
18	An Image Enhancement Method Using the Quantum-Behaved Particle Swarm Optimization with an Adaptive Strategy. Mathematical Problems in Engineering, 2013, 2013, 1-14.	1.1	22

#	Article	IF	Citations
19	EV Charging Behavior Analysis Using Hybrid Intelligence for 5G Smart Grid. Electronics (Switzerland), 2020, 9, 80.	3.1	21
20	Multiple Sequence Alignment with Hidden Markov Models Learned by Random Drift Particle Swarm Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 243-257.	3.0	20
21	An opposition-based learning competitive particle swarm optimizer. , 2016, , .		20
22	Solving the multi-stage portfolio optimization problem with a novel particle swarm optimization. Expert Systems With Applications, 2011, 38, 6727-6735.	7.6	18
23	Differential Grouping with Spectral Clustering for Large Scale Global Optimization. , 2019, , .		18
24	Cooperative coevolution for large-scale global optimization based on fuzzy decomposition. Soft Computing, 2021, 25, 3593-3608.	3.6	16
25	Quantum-Behaved Particle Swarm Optimization with a Hybrid Probability Distribution. Lecture Notes in Computer Science, 2006, , 737-746.	1.3	15
26	ANALYSIS OF MUTATION OPERATORS ON QUANTUM-BEHAVED PARTICLE SWARM OPTIMIZATION ALGORITHM. New Mathematics and Natural Computation, 2009, 05, 487-496.	0.7	14
27	Target Tracking by Sequential Random Draft Particle Swarm Optimization Algorithm. , 2018, , .		14
28	Adaptive Web QoS controller based on online system identification using quantum-behaved particle swarm optimization. Soft Computing, 2015, 19, 1715-1725.	3.6	13
29	A novel few-shot learning based multi-modality fusion model for COVID-19 rumor detection from online social media. PeerJ Computer Science, 2021, 7, e688.	4.5	9
30	A novel quantum-behaved particle swarm optimization with random selection for large scale optimization. , 2017, , .		6
31	Adverse Selection for Luxury Goods in Online Auctions. Journal of Internet Commerce, 2009, 8, 268-287.	5.5	5
32	A coevolutionary algorithm based on the auxiliary population for constrained large-scale multi-objective supply chain network. Mathematical Biosciences and Engineering, 2022, 19, 271-286.	1.9	5
33	SSD small object detection algorithm based on feature enhancement and sample selection. , 2021, , .		4
34	A deep neural networks-based fusion model for COVID-19 rumor detection from online social media. Data Technologies and Applications, 2022, 56, 806-824.	1.4	2
35	Study on the compression-expansion coefficient in drift particle swarm optimization. , 2012, , .		0
36	Collaborative diversity control strategy for random drift particle swarm optimization. , 2019, , .		0

#	Article	IF	Citations
37	Clustering Quantum-Behaved Particle Swarm Optimization Algorithm for Solving Dynamic Optimization Problems. Communications in Computer and Information Science, 2015, , 411-421.	0.5	0
38	Content-Based Image Retrieval Based on Quantum-Behaved Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2016, , 392-400.	1.3	0
39	An effective lightweight attention mechanism. , 2021, , .		0