Quande Qin

List of Publications by Year
in descending order

75 papers	3,007 citations	172457 29 h-index	182427 51 g-index
76 all docs	76 docs citations	76 times ranked	2241 citing authors

#	Article	IF	Citations
1	How renewable energy consumption contribute to environmental quality? The role of education in OECD countries. Journal of Cleaner Production, 2020, 268, 122149.	9.3	253
2	Effects of biomass energy consumption on environmental quality: The role of education and technology in Asia-Pacific Economic Cooperation countries. Renewable and Sustainable Energy Reviews, 2021, 142, 110868.	16.4	175
3	Brain storm optimization algorithm: a review. Artificial Intelligence Review, 2016, 46, 445-458.	15.7	169
4	A TODIM-based multi-criteria group decision making with triangular intuitionistic fuzzy numbers. Applied Soft Computing Journal, 2017, 55, 93-107.	7.2	139
5	Particle Swarm Optimization With Interswarm Interactive Learning Strategy. IEEE Transactions on Cybernetics, 2016, 46, 2238-2251.	9.5	110
6	Air emissions perspective on energy efficiency: An empirical analysis of China's coastal areas. Applied Energy, 2017, 185, 604-614.	10.1	107
7	Challenges for China's carbon emissions peaking in 2030: A decomposition and decoupling analysis. Journal of Cleaner Production, 2019, 207, 857-865.	9.3	105
8	China's new energy vehicle policies: Evolution, comparison and recommendation. Transportation Research, Part A: Policy and Practice, 2018, 110, 57-72.	4.2	101
9	Population Diversity Maintenance In Brain Storm Optimization Algorithm. Journal of Artificial Intelligence and Soft Computing Research, 2014, 4, 83-97.	4.3	90
10	A multi-criteria decision analysis model for carbon emission quota allocation in China's east coastal areas: Efficiency and equity. Journal of Cleaner Production, 2017, 168, 410-419.	9.3	86
11	Solving non-convex/non-smooth economic load dispatch problems via an enhanced particle swarm optimization. Applied Soft Computing Journal, 2017, 59, 229-242.	7.2	79
12	Foreign direct investment and education as determinants of environmental quality: The importance of post Paris Agreement (COP21). Journal of Environmental Management, 2020, 270, 110827.	7.8	79
13	ICT and education as determinants of environmental quality: The role of financial development in selected Asian countries. Technological Forecasting and Social Change, 2022, 177, 121547.	11.6	78
14	Sustainable municipal waste management strategies through life cycle assessment method: A review. Journal of Environmental Management, 2021, 287, 112238.	7.8	73
15	Experimental Study on Boundary Constraints Handling in Particle Swarm Optimization. International Journal of Swarm Intelligence Research, 2011, 2, 43-69.	0.7	58
16	Liner shipping alliance management: Overview and future research directions. Ocean and Coastal Management, 2022, 219, 106039.	4.4	58
17	Big data analytics with swarm intelligence. Industrial Management and Data Systems, 2016, 116, 646-666.	3.7	56
18	Selection of energy performance contracting business models: A behavioral decision-making approach. Renewable and Sustainable Energy Reviews, 2017, 72, 422-433.	16.4	53

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19	A cooperative game analysis for the allocation of carbon emissions reduction responsibility in China's power industry. Energy Economics, 2020, 92, 104960.	12.1	50
20	Impacts of natural and socioeconomic factors on PM2.5 from 2014 to 2017. Journal of Environmental Management, 2021, 284, 112071.	7.8	50
21	Increased secondary aerosol contribution and possible processing on polluted winter days in China. Environment International, 2019, 127, 78-84.	10.0	48
22	Multiple strategies based orthogonal design particle swarm optimizer for numerical optimization. Computers and Operations Research, 2015, 60, 91-110.	4.0	47
23	Energy productivity and Chinese local officials' promotions: Evidence from provincial governors. Energy Policy, 2016, 95, 103-112.	8.8	45
24	A comprehensive evaluation paradigm for regional green development based on "Five-Circle Model": A case study from Beijing-Tianjin-Hebei. Journal of Cleaner Production, 2020, 277, 124076.	9.3	40
25	Solution clustering analysis in brain storm optimization algorithm. , 2013, , .		38
26	Environmental efficiency and market segmentation: An empirical analysis of China's thermal power industry. Journal of Cleaner Production, 2020, 242, 118560.	9.3	38
27	Investigating low-carbon crop production in Guangdong Province, China (1993–2013): a decoupling and decomposition analysis. Journal of Cleaner Production, 2017, 146, 63-70.	9.3	36
28	A Study of Normalized Population Diversity in Particle Swarm Optimization. International Journal of Swarm Intelligence Research, 2013, 4, 1-34.	0.7	34
29	China's distributed energy policies: Evolution, instruments and recommendation. Energy Policy, 2019, 125, 55-64.	8.8	34
30	Survey on data science with population-based algorithms. Big Data Analytics, 2016, 1, .	2.2	33
31	Maintaining population diversity in brain storm optimization algorithm. , 2014, , .		31
32	A Review of Aerosol Chemical Composition and Sources in Representative Regions of China during Wintertime. Atmosphere, 2019, 10, 277.	2.3	29
33	A Novel Decomposition-Ensemble Based Carbon Price Forecasting Model Integrated with Local Polynomial Prediction. Computational Economics, 2020, 55, 1249-1273.	2.6	29
34	Port rank-size rule evolution: Case study of Chinese coastal ports. Ocean and Coastal Management, 2021, 211, 105803.	4.4	29
35	Spatio-temporal patterns of energy consumption-related GHG emissions in China's crop production systems. Energy Policy, 2017, 104, 274-284.	8.8	28
36	Adaptive recommendation model using meta-learning for population-based algorithms. Information Sciences, 2019, 476, 192-210.	6.9	28

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37	Hodrick–Prescott filter-based hybrid ARIMA–SLFNs model with residual decomposition scheme for carbon price forecasting. Applied Soft Computing Journal, 2022, 119, 108560.	7.2	28
38	Biomimicry of parasitic behavior in a coevolutionary particle swarm optimization algorithm for global optimization. Applied Soft Computing Journal, 2015, 32, 224-240.	7.2	27
39	Population Diversity of Particle Swarm Optimizer Solving Single and Multi-Objective Problems. International Journal of Swarm Intelligence Research, 2012, 3, 23-60.	0.7	27
40	An effective and robust decomposition-ensemble energy price forecasting paradigm with local linear prediction. Energy Economics, 2019, 83, 402-414.	12.1	25
41	Population diversity based study on search information propagation in particle swarm optimization. , 2012, , .		24
42	Promoting Diversity in Particle Swarm Optimization to Solve Multimodal Problems. Lecture Notes in Computer Science, 2011, , 228-237.	1.3	21
43	Dynamical exploitation space reduction in particle swarm optimization for solving large scale problems. , 2012, , .		20
44	Uncovering household indirect energy-saving responsibility from a sectoral perspective: An empirical analysis of Guangdong, China. Energy Economics, 2018, 72, 451-461.	12.1	20
45	Evolution of urban household indirect carbon emission responsibility from an inter-sectoral perspective: A case study of Guangdong, China. Energy Economics, 2019, 83, 197-207.	12.1	20
46	Inequality across China's Staple Crops in Energy Consumption and Related GHG Emissions. Ecological Economics, 2018, 153, 17-30.	5.7	19
47	An artificial bee colony algorithm with adaptive heterogeneous competition for global optimization problems. Applied Soft Computing Journal, 2020, 93, 106391.	7.2	19
48	Causation analysis and governance strategy for hazardous cargo accidents at ports: Case study of Tianjin Port's hazardous cargo explosion accident. Marine Pollution Bulletin, 2021, 173, 113053.	5.0	19
49	A comprehensive survey of brain storm optimization algorithms. , 2017, , .		18
50	Worker assignment with learning-forgetting effect in cellular manufacturing system using adaptive memetic differential search algorithm. Computers and Industrial Engineering, 2019, 136, 381-396.	6.3	17
51	A novel temporal-spatial decomposition on drivers of China's carbon emissions. Gondwana Research, 2022, 109, 274-284.	6.0	16
52	Unified energy efficiency in China's coastal areas: A virtual frontier-based global bounded adjusted measure. Journal of Cleaner Production, 2018, 186, 229-240.	9.3	14
53	Decoding China's natural gas development: A critical discourse analysis of the five-year plans. Technological Forecasting and Social Change, 2020, 151, 119798.	11.6	12
54	Market-Oriented Reforms and China's Green Economic Development: An Empirical Study Based on Stochastic Frontier Analysis. Emerging Markets Finance and Trade, 2021, 57, 949-971.	3.1	12

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55	Population diversity based inertia weight adaptation in Particle Swarm Optimization. , 2012, , .		11
56	An efficient auction mechanism for regional logistics synchronization. Journal of Intelligent Manufacturing, 2019, 30, 2715-2731.	7.3	11
57	Government intervention in energy conservation: Justification and warning. Energy Economics, 2020, 90, 104840.	12.1	11
58	Particle swarm optimization based semi-supervised learning on Chinese text categorization. , 2012, , .		10
59	An effective heuristic with evolutionary algorithm for the coordinated capacitated dynamic lot-size and delivery problem. Computers and Industrial Engineering, 2021, 153, 107051.	6.3	9
60	Analytics on Fireworks Algorithm Solving Problems with Shifts in the Decision Space and Objective Space. International Journal of Swarm Intelligence Research, 2015, 6, 52-86.	0.7	8
61	Adaptive brainstorm optimisation with multiple strategies. Memetic Computing, 2018, 10, 383-396.	4.0	8
62	China's agricultural GHG emission efficiency: regional disparity and spatial dynamic evolution. Environmental Geochemistry and Health, 2022, 44, 2863-2879.	3.4	8
63	Artificial Bee Colony Algorithm with Time-Varying Strategy. Discrete Dynamics in Nature and Society, 2015, 2015, 1-17.	0.9	7
64	Multimodal optimization using particle swarm optimization algorithms: CEC 2015 competition on single objective multi-niche optimization. , 2015, , .		6
65	Adaptive differential search algorithm with multi-strategies for global optimization problems. Neural Computing and Applications, 2019, 31, 8423-8440.	5.6	6
66	Particle swarm optimization based nearest neighbor algorithm on Chinese text categorization. , 2013, , .		3
67	Epistemological dominance and ignorance of the comparative advantages of China's shale gas: Evidence from international scientific journals. Energy Policy, 2020, 138, 111209.	8.8	3
68	Optimal selection of different CCS technologies under CO2 reduction targets. Natural Hazards, 2017, 88, 1197-1209.	3.4	2
69	Reducing disparities between carbon emissions and economic benefits in Guangdong's exports: A supply chain perspective. Journal of Cleaner Production, 2021, 286, 124976.	9.3	2
70	Heterogeneous Domestic Intermediate Input-Related Carbon Emissions in China's Exports. Environmental and Resource Economics, 2022, 81, 453-479.	3.2	2
71	A fuzzy two-stage project portfolio selection model addressing financial and non-financial factors. , 2014, , .		1
72	Examples initialization in Chinese text categorization. , 2013, , .		0

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73	Behavioral multi-criteria decision making with multi-granularity 2-dimension fuzzy linguistic variables. , 2016, , .		0
74	An Analysis on Fireworks Algorithm Solving Problems With Shifts in the Decision Space and Objective Space. Advances in Computational Intelligence and Robotics Book Series, 2018, , 119-153.	0.4	0
75	An Analysis of Fireworks Algorithm Solving Problems With Shifts in the Decision Space and Objective Space. Advances in Computational Intelligence and Robotics Book Series, 2020, , 277-311.	0.4	0