Quantum computing for finance: Overview and prospec

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Citation Report

#	Article	IF	CITATIONS
1	Forecasting financial crashes with quantum computing. Physical Review A, 2019, 99, .	1.0	33
2	Analytics and Big Data: Emerging trends and their impact on our lives. Journal of Public Affairs, 2019, 19, e1944.	1.7	3
3	Quantum risk analysis. Npj Quantum Information, 2019, 5, .	2.8	135
4	Challenges and Opportunities: Quantum Computing in Machine Learning. , 2019, , .		1
5	Highly-Parallel FPGA Accelerator for Simulated Quantum Annealing. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 2019-2029.	3.2	18
6	Approaches to Avoid Overfitting in a Quantum Perceptron. , 2020, , .		1
7	Classical versus quantum models in machine learning: insights from a finance application. Machine Learning: Science and Technology, 2020, 1, 035003.	2.4	28
8	Integration and Evaluation of Quantum Accelerators for Data-Driven User Functions. , 2020, , .		1
9	Quantum-Enhanced Grid of the Future: A Primer. IEEE Access, 2020, 8, 188993-189002.	2.6	21
10	Efficient Qubit Routing for a Globally Connected Trapped Ion Quantum Computer. Advanced Quantum Technologies, 2020, 3, 2000027.	1.8	8
11	Efficient Quantum Circuits for Accurate State Preparation of Smooth, Differentiable Functions. , 2020, , .		15
12	Numerical Solution of Nonlinear Schrodinger Approaches Using the Fourth-Order Runge-Kutta Method for Predicting Stock Pricing. Journal of Physics: Conference Series, 2020, 1491, 012021.	0.3	2
13	Symmetryâ€Protected Quantum Adiabatic Evolution in Spontaneous Symmetryâ€Breaking Transitions. Annalen Der Physik, 2020, 532, 1900471.	0.9	5
14	The value of value: A quantum approach to economics, security and international relations. Security Dialogue, 2020, 51, 482-498.	1.2	14
15	Quantum Machine Learning: A Review and Current Status. Advances in Intelligent Systems and Computing, 2021, , 101-145.	0.5	28
16	Simulation of implementable quantum-assisted genetic algorithm. Journal of Physics: Conference Series, 2021, 1719, 012102.	0.3	4
17	Efficient Discrete Feature Encoding for Variational Quantum Classifier. IEEE Transactions on Quantum Engineering, 2021, 2, 1-14.	2.9	15
18	Portfolio Optimisation Using the D-Wave Quantum Annealer. Lecture Notes in Computer Science, 2021, , 45-59.	1.0	17

	Сітат	ion Report	
#	Article	IF	CITATIONS
19	Credit Risk Analysis Using Quantum Computers. IEEE Transactions on Computers, 2021, 70, 2136-2145.	2.4	47
20	Bayesian phase difference estimation: a general quantum algorithm for the direct calculation of energy gaps. Physical Chemistry Chemical Physics, 2021, 23, 20152-20162.	1.3	11
21	Toward pricing financial derivatives with an IBM quantum computer. Physical Review Research, 2021, 3,	1.3	31
22	Implementation of a Hybrid Classical-Quantum Annealing Algorithm for Logistic Network Design. SN Computer Science, 2021, 2, 1.	2.3	16
23	Quantum Computing: Towards Industry Reference Problems. Digitale Welt, 2021, 5, 38-45.	0.3	16
24	Hybrid Quantum Network for classification of finance and MNIST data. , 2021, , .		8
25	Quantum unary approach to option pricing. Physical Review A, 2021, 103, .	1.0	24
26	Dimensional Expressivity Analysis of Parametric Quantum Circuits. Quantum - the Open Journal for Quantum Science, 0, 5, 422.	0.0	31
27	Simulation of Quantum Tomography Process of Biphoton Polarization States on a Quantum Computer. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo) Tj ETQq0 0	0 rgBT /Ovænlock 1	.0đf 50 417
28	Grover Adaptive Search for Constrained Polynomial Binary Optimization. Quantum - the Open Journal for Quantum Science, 0, 5, 428.	0.0	46
29	Quantum-inspired algorithms for multivariate analysis: from interpolation to partial differential equations. Quantum - the Open Journal for Quantum Science, 0, 5, 431.	0.0	23
30	Test Data-Driven Machine Learning Models for Reliable Quantum Circuit Output. , 2021, , .		4
31	Design space exploration for an FPGA-based quantum annealing simulator with interaction-coefficient-generators. Journal of Supercomputing, 2022, 78, 1-17.	2.4	8
32	Quantum-sapiens: the quantum bases for human expertise, knowledge, and problem-solving. Technology Analysis and Strategic Management, 2021, 33, 1290-1302.	2.0	14
33	Quantum speedup of Monte Carlo integration with respect to the number of dimensions and its application to finance. Quantum Information Processing, 2021, 20, 1.	1.0	11
34	HyQuas. , 2021, , .		11
35	Warm-starting quantum optimization. Quantum - the Open Journal for Quantum Science, 0, 5, 479.	0.0	94
36	Single-tone pulse sequences and robust two-tone shaped pulses for three silicon spin qubits with always-on exchange. Physical Review B, 2021, 103, .	1.1	7

#	Article	IF	CITATIONS
37	Quantum simulation and computing with Rydberg-interacting qubits. AVS Quantum Science, 2021, 3, .	1.8	144
38	Quantum-accelerated multilevel Monte Carlo methods for stochastic differential equations in mathematical finance. Quantum - the Open Journal for Quantum Science, 0, 5, 481.	0.0	23
39	No quantum speedup with Grover-Rudolph state preparation for quantum Monte Carlo integration. Physical Review E, 2021, 103, 063302.	0.8	10
40	Hybrid quantum–classical optimization with cardinality constraints and applications to finance. Quantum Science and Technology, 2021, 6, 034010.	2.6	8
41	Quantum walk-based portfolio optimisation. Quantum - the Open Journal for Quantum Science, 0, 5, 513.	0.0	18
42	Quantum computing's potential for drug discovery: Early stage industry dynamics. Drug Discovery Today, 2021, 26, 1680-1688.	3.2	25
43	Quantum algorithm for quicker clinical prognostic analysis: an application and experimental study using CT scan images of COVID-19 patients. BMC Medical Informatics and Decision Making, 2021, 21, 227.	1.5	24
44	Analysis of a hybrid quantum network for classification tasks. IET Quantum Communication, 0, , .	2.2	3
45	Hybrid quantum investment optimization with minimal holding period. Scientific Reports, 2021, 11, 19587.	1.6	14
46	A quantum strategy to compute the jet quenching parameter \$\$hat{q}\$\$. European Physical Journal C, 2021, 81, 1.	1.4	12
47	Quantum neuron with real weights. Neural Networks, 2021, 143, 698-708.	3.3	3
48	Quantum computing based hybrid deep learning for fault diagnosis in electrical power systems. Applied Energy, 2021, 303, 117628.	5.1	36
49	Quantum state preparation and its prospects in quantum machine learning. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 1-9.	0.2	1
50	Quantum computing in renewable energy exploration: status, opportunities, and challenges. , 2021, , 549-572.		4
51	Quantum Computing for Finance: State-of-the-Art and Future Prospects. IEEE Transactions on Quantum Engineering, 2020, 1, 1-24.	2.9	133
52	A Quantum Walk Model of Financial Options. SSRN Electronic Journal, 0, , .	0.4	2
53	Option Pricing using Quantum Computers. Quantum - the Open Journal for Quantum Science, 0, 4, 291.	0.0	112
54	Las organizaciones y el impacto de las tecnologÃas emergentes. , 0, , 13-32.		3

#	Article	IF	CITATIONS
55	Short Communication: A Quantum Algorithm for Linear PDEs Arising in Finance. SIAM Journal on Financial Mathematics, 2021, 12, SC98-SC114.	0.7	14
56	Efficient Cauchy distribution based quantum state preparation by using the comparison algorithm. AIP Advances, 2021, 11, 105307.	0.6	Ο
57	Power-optimal, stabilized entangling gate between trapped-ion qubits. Npj Quantum Information, 2021, 7, .	2.8	11
58	Pulse-efficient circuit transpilation for quantum applications on cross-resonance-based hardware. Physical Review Research, 2021, 3, .	1.3	38
59	Quantum computation for pricing the collateralized debt obligations. Quantum Engineering, 2021, 3, e84.	1.2	13
60	Interrogating the performance of quantum annealing for the solution of steady-state subsurface flow. , 2021, , .		2
61	Best-approximation error for parametric quantum circuits. , 2021, , .		2
62	Quantum information technology and innovation: a brief history, current state and future perspectives for business and management. Technology Analysis and Strategic Management, 2021, 33, 1281-1289.	2.0	9
63	Continuous-time dynamics and error scaling of noisy highly entangling quantum circuits. Physical Review A, 2021, 104, .	1.0	3
64	Pricing Multi-Asset Derivatives by Finite-Difference Method on a Quantum Computer. IEEE Transactions on Quantum Engineering, 2022, 3, 1-25.	2.9	9
65	Efficient Quantum State Preparation for the Cauchy Distribution Based on Piecewise Arithmetic. IEEE Transactions on Quantum Engineering, 2022, 3, 1-9.	2.9	0
66	Efficient Discrete Feature Encoding for Variational Quantum Classifier. , 2020, , .		11
67	Exploring Potential Applications of Quantum Computing in Transportation Modelling. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14712-14720.	4.7	6
68	Quantum Computing for Artificial Intelligence Based Mobile Network Optimization. , 2021, , .		6
69	Fast Multiqubit Gates through Simultaneous Two-Qubit Gates. PRX Quantum, 2021, 2, .	3.5	17
70	Dynamic portfolio optimization with real datasets using quantum processors and quantum-inspired tensor networks. Physical Review Research, 2022, 4, .	1.3	29
71	Temporal and spatial parallel processing of simulated quantum annealing on a multicore CPU. Journal of Supercomputing, 2022, 78, 8733-8750.	2.4	6
72	New frontiers of quantum computing in chemical engineering. Korean Journal of Chemical Engineering, 2022, 39, 811-820.	1.2	20

ARTICLE IF CITATIONS # Quantum pricing with a smile: implementation of local volatility model on quantum computer. EPJ 73 2.9 9 Quantum Technology, 2022, 9, . Bermudan option pricing by quantum amplitude estimation and Chebyshev interpolation. EPJ Quantum 74 Technology, 2022, 9, . Compact RSFQ microwave pulse generator based on an integrated RF module for controlling 75 1.5 6 superconducting qubits. Applied Physics Letters, 2022, 120, . A Single Qubit Quantum Perceptron forÂORÂand XOR Logic. Studies in Computational Intelligence, 2022, , 133-145. Noisy intermediate-scale quantum algorithms. Reviews of Modern Physics, 2022, 94, . 77 16.4 521 HAMMER: boosting fidelity of noisy Quantum circuits by exploiting Hamming behavior of erroneous outcomes. , 2022, , . Topological order detection and qubit encoding in Su–Schrieffer–Heeger type quantum dot arrays. 79 1.1 6 Journal of Applied Physics, 2022, 131, . A Survey on Quantum Computational Finance for Derivatives Pricing and VaR. Archives of 6.0 Computational Methods in Engineering, 2022, 29, 4137-4163. 81 Variational quantum amplitude estimation. Quantum - the Open Journal for Quantum Science, 0, 6, 670. 0.0 15 Self-Organization in Network Sociotechnical Systems. Complexity, 2022, 2022, 1-24. Quantum algorithm for gravitational-wave matched filtering. Physical Review Research, 2022, 4, . 83 7 1.3 Quantum computing challenges in the software industry. A fuzzy AHP-based approach. Information and Software Technology, 2022, 147, 106896. Realization of Real-Time Fault-Tolerant Quantum Error Correction. Physical Review X, 2021, 11, . 85 2.8 100 Applications of quantum computing to optimization., 2021, , . The XYZ<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi 87 /><mml:mn>2</mml:mn></mml:msup></mml:math> hexagonal stabilizer code. Quantum - the Open 0.0 4 Journal for Quantum Science, 0, 6, 698. Quantum algorithm for Feynman loop integrals. Journal of High Energy Physics, 2022, 2022, . Dimensional Expressivity Analysis, best-approximation errors, and automated design of parametric 89 0 quantum circuits., 2022,,. Quantum computing and quantum artificial intelligence for renewable and sustainable energy: A emerging prospect towards climate neutrality. Renewable and Sustainable Energy Reviews, 2022, 165, 8.2 112493

# 92	ARTICLE Al in Finance: Challenges, Techniques, and Opportunities. ACM Computing Surveys, 2023, 55, 1-38.	IF 16.1	Citations
92 93	Evolving objective function for improved variational quantum optimization. Physical Review Research, 2022, 4, .	1.3	5
94	Two-qubit controlled-Z gates robust against charge noise in silicon while compensating for crosstalk using neural network. Physical Review B, 2022, 105, .	1.1	3
95	Learning quantum data with the quantum earth mover's distance. Quantum Science and Technology, 2022, 7, 045002.	2.6	17
96	Implementation of Quantum Annealing: A Systematic Review. IEEE Access, 2022, 10, 73156-73177.	2.6	9
97	Quantum science: a review and current research trends. Journal of Management Analytics, 2022, 9, 383-402.	1.6	1
98	Review of some existing QML frameworks and novel hybrid classical–quantum neural networks realising binary classification for the noisy datasets. Scientific Reports, 2022, 12, .	1.6	11
99	Quantum computational quantitative trading: high-frequency statistical arbitrage algorithm. New Journal of Physics, 2022, 24, 073036.	1.2	4
100	Cryogenic Electronics and Quantum Information Processing. , 2021, , .		2
101	Analysis on the recent development of quantum computer and quantum neural network technology. , 2022, , .		0
102	Credit scoring methods: Latest trends and points to consider. Journal of Finance and Data Science, 2022, 8, 180-201.	1.8	16
103	Quantum clustering and jet reconstruction at the LHC. Physical Review D, 2022, 106, .	1.6	6
104	Quantum annealing for industry applications: introduction and review. Reports on Progress in Physics, 2022, 85, 104001.	8.1	71
105	Digital Annealer for quadratic unconstrained binary optimization: A comparative performance analysis. Applied Soft Computing Journal, 2022, 127, 109367.	4.1	7
106	Contemporary Quantum Computing Use Cases: Taxonomy, Review and Challenges. Archives of Computational Methods in Engineering, 2023, 30, 615-638.	6.0	13
107	Verifying Fairness inÂQuantum Machine Learning. Lecture Notes in Computer Science, 2022, , 408-429.	1.0	1
108	Study on Quantum Finance Algorithm: Quantum Monte Carlo Algorithm based on European Option Pricing. Journal of Quantum Computing, 2022, 4, 53-61.	0.3	0
109	Use Cases of Quantum Optimization for Finance. Studies in Systems, Decision and Control, 2022, , 211-220.	0.8	1

		CITATION REPORT		
#	Article		IF	Citations
110	Quantum machine learning for chemistry and physics. Chemical Society Reviews, 2022	, 51, 6475-6573.	18.7	40
111	Implications of Quantum Science on Industry 4.0: Challenges and Opportunities. Lectu Data Engineering and Communications Technologies, 2022, , 183-204.	re Notes on	0.5	2
112	The Impact of Quantum Computing on Businesses. Lecture Notes in Computer Science	, 2022, , 3-14.	1.0	0
113	Implementing Defuzzification Operators on Quantum Annealers. , 2022, , .			4
114	Classical and quantum computing methods for estimating loan-level risk distributions. J Operational Research Society, 2023, 74, 1800-1814.	ournal of the	2.1	1
115	Recent progress and perspectives on quantum computing for finance. Service Oriented Applications, 0, , .	Computing and	1.3	1
116	Implementation of Quantum Algorithms via Fast Three-Rydberg-Atom CCZ Gates. Entro	ру, 2022, 24, 1371.	1.1	0
117	Quantum computing for smart grid applications. IET Generation, Transmission and Dist 16, 4239-4257.	ribution, 2022,	1.4	12
118	Hybrid quantum-classical reservoir computing of thermal convection flow. Physical Revi 2022, 4, .	ew Research,	1.3	11
119	Quantum Monte Carlo Integration: The Full Advantage in Minimal Circuit Depth. Quant Journal for Quantum Science, 0, 6, 823.	um - the Open	0.0	11
120	Linear-depth quantum circuits for multiqubit controlled gates. Physical Review A, 2022,	, 106, .	1.0	16
121	Iterative quantum phase estimation with variationally prepared reference state. Interna of Quantum Chemistry, 2023, 123, .	tional Journal	1.0	6
122	Machine learning in electron microscopy for advanced nanocharacterization: current de available tools and future outlook. Nanoscale Horizons, 2022, 7, 1427-1477.	evelopments,	4.1	21
123	Mixed Quantum–Classical Method for Fraud Detection With Quantum Feature Selec Transactions on Quantum Engineering, 2022, 3, 1-12.	tion. IEEE	2.9	9
124	Quantum Computing Foundations. , 2022, , 1-24.			0
125	Research on task scheduling scheme for quantum computing cloud platform. , 2022, , .			1
126	The landscape of the quantum start-up ecosystem. EPJ Quantum Technology, 2022, 9,		2.9	4
127	Iterative Qubits Management for Quantum Index Searching in a Hybrid System. , 2022,			1

#	Article	IF	Citations
	Research on Enterprise Monetary Early Warning Control System Based on Fuzzy Control Algorithm. ,	II	0
128	2022,,.		0
129	Noise-robust optimization of quantum machine learning models for polymer properties using a simulator and validated on the IonQ quantum computer. Scientific Reports, 2022, 12, .	1.6	1
130	Quantum computing for software engineering: prospects. , 2022, , .		1
131	Quantum computing for data-centric engineering and science. Data-Centric Engineering, 2022, 3, .	1.2	2
132	Islamic Fintech, Blockchain and Crowdfunding: Current Landscape and Path Forward. , 2022, , 307-340.		1
133	A Comprehensive Survey on Quantum Machine Learning and Possible Applications. International Journal of E-Health and Medical Communications, 2022, 13, 1-17.	1.4	4
134	Quantum computer-assisted global optimization in geophysics illustrated with stack-power maximization for refraction residual statics estimation. Geophysics, 2023, 88, V75-V91.	1.4	5
135	Quantum algorithm for calculating risk contributions in a credit portfolio. EPJ Quantum Technology, 2022, 9, .	2.9	2
136	Towards practical Quantum Credit Risk Analysis. Journal of Physics: Conference Series, 2022, 2416, 012002.	0.3	2
137	Using quantum computing to solve the maximal covering location problem. Computational Urban Science, 2022, 2, .	1.9	0
138	Adaptive Importance Sampling for Equivariant Group-Convolution Computation. , 0, , .		1
139	Quantum Economic Advantage. Management Science, 2023, 69, 1116-1126.	2.4	2
140	Towards simulating time evolution of specific quantum many-body system by lower counts of quantum gates. Europhysics Letters, 0, , .	0.7	0
141	Portfolio optimization with digitized counterdiabatic quantum algorithms. Physical Review Research, 2022, 4, .	1.3	14
142	Classification of quantum correlation using deep learning. Optics Express, 2023, 31, 3479.	1.7	2
143	Quanten-Computing. , 2022, , 55-120.		0
144	BQ-Bank: A Quantum Software for Finance and Banking. Quantum Engineering, 2023, 2023, 1-10.	1.2	0
145	Quantum-inspired optimization for wavelength assignment. Frontiers in Physics, 0, 10, .	1.0	1

#	Article	IF	CITATIONS
146	Quantum Algorithm forÂOption Pricing. , 2023, , 221-237.		1
147	Quantum computing for financial risk measurement. Quantum Information Processing, 2023, 22, .	1.0	7
148	The factors influenced by stakeholder identification in E-learning systems: A survey. Journal of King Saud University - Science, 2023, 35, 102566.	1.6	5
149	Quantum Computing Methods for Supply Chain Management. , 2022, , .		2
150	FPGA-Based Prototype of a Quantum Annealing Simulator for Sparse Ising Model. , 2022, , .		0
151	Symmetry enhanced variational quantum spin eigensolver. Quantum - the Open Journal for Quantum Science, 0, 7, 899.	0.0	9
152	Nonvolatile State Configuration of Nano-Watt Parametric ISING Spins Through Ferroelectric Hafnium Zirconium Oxide MEMS Varactors. , 2023, , .		1
153	Toward Prediction of Financial Crashes with a D-Wave Quantum Annealer. Entropy, 2023, 25, 323.	1.1	4
154	Compilation and scaling strategies for a silicon quantum processor with sparse two-dimensional connectivity. Npj Quantum Information, 2023, 9, .	2.8	5
155	NP-hard but no longer hard to solve? Using quantum computing to tackle optimization problems. , 0, 2, .		4
156	The Prospects of Quantum Computing for Quantitative Finance and Beyond. IEEE Nanotechnology Magazine, 2023, 17, 31-37.	0.9	3
157	Latency considerations for stochastic optimizers in variational quantum algorithms. Quantum - the Open Journal for Quantum Science, 0, 7, 949.	0.0	2
158	Characterization of variational quantum algorithms using free fermions. Quantum - the Open Journal for Quantum Science, 0, 7, 966.	0.0	1
159	A More General Quantum Credit Risk Analysis Framework. Entropy, 2023, 25, 593.	1.1	0
160	Recent Advances in Cybersecurity and Fraud Detection in Financial Services: A Survey. , 2023, , .		0
164	Role of Quantum Computing in Transformation of Artificial Intelligence - A Review. , 2023, , 293-302.		0
165	Programmable Logic Array in Quantum Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 435-446.	0.2	0
166	QPROM: Quantum Nanotechnology for Data Storage Using Programmable Read Only Memory. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 447-459.	0.2	0

#	Article	IF	CITATIONS
175	Portfolio Optimization Using Quantum-Inspired Modified Genetic Algorithm. Smart Innovation, Systems and Technologies, 2023, , 665-673.	0.5	0
176	Effects of Quantum computing on Businesses. , 2023, , .		1
178	Quantum computing for finance. Nature Reviews Physics, 2023, 5, 450-465.	11.9	21
187	Quantum Financial Entanglement: The Case of Strategic Default. New Economic Windows, 2023, , 85-101.	1.0	0
191	QOPTLib: A Quantum Computing Oriented Benchmark forÂCombinatorial Optimization Problems. Springer Tracts in Nature-inspired Computing, 2023, , 49-63.	1.2	1
195	Battle Against Fluctuating Quantum Noise: Compression-Aided Framework to Enable Robust Quantum Neural Network. , 2023, , .		3
196	Future Potential of Quantum Computing and Simulations in Biological Science. Molecular Biotechnology, 0, , .	1.3	2
204	A Holistic Approach to Quantum Ethics Education. , 2023, , .		0
208	Optimization ofÂlmage Acquisition forÂEarth Observation Satellites viaÂQuantum Computing. Lecture Notes in Computer Science, 2023, , 3-14.	1.0	0
209	Optimized Quantum Circuit Implementation of Payoff Function. , 2023, , .		0
211	Quantum Architecture Search for Quantum Monte Carlo Integration via Conditional Parameterized Circuits with Application to Finance. , 2023, , .		0
212	Towards An End-To-End Approach For Quantum Principal Component Analysis. , 2023, , .		2
213	The Role of Fintech in the Field of Sustainability and Financing. , 2023, , 169-190.		0
217	A Quantum Probabilistic Comparator: Circuit Implementation. , 2023, , .		1
218	Learning Quantum System Disturbance Models with Probabilistic Bayesian Neural Networks. , 2023, , .		0
219	Benchmarking Chain Strength: An Optimal Approach for Quantum Annealing. , 2023, , .		0
220	Reducing the Compilation Time of Quantum Circuits Using Pre-Compilation on the Gate Level. , 2023, , .		0
222	Use Cases of Quantum Networks for Industry and Science. , 2023, , .		Ο

#	Article	IF	CITATIONS
224	Role of Quantum Computing in the Era of Artificial Intelligence (AI). Advances in Computer and Electrical Engineering Book Series, 2024, , 46-68.	0.2	0
226	The Convergence of Quantum Computing and Blockchain. Advances in Computer and Electrical Engineering Book Series, 2024, , 418-436.	0.2	0
227	Energy Calculation of Benzene Ring Based on the Variational Quantum Eigensolver Algorithm. Lecture Notes in Electrical Engineering, 2024, , 311-319.	0.3	0
228	Solving Logistic-Oriented Bin Packing Problems Through a Hybrid Quantum-Classical Approach. , 2023, , .		0
238	Quantum Algorithms. Contributions To Economics, 2024, , 37-103.	0.2	0