

Stefan Woerner

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,682
citations

687220

13
h-index

839398

18
g-index

26
all docs

26
docs citations

26
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	Bonus or Penalty? Designing Service-Level Agreements for a Decentralized Supply Chain: The Implication of Return on Investment. IEEE Transactions on Engineering Management, 2024, 71, 837-854.	2.4	2
2	Quasiprobability decompositions with reduced sampling overhead. Npj Quantum Information, 2022, 8, .	2.8	18
3	Quantum algorithm for alchemical optimization in material design. Chemical Science, 2021, 12, 4345-4352.	3.7	14
4	Credit Risk Analysis Using Quantum Computers. IEEE Transactions on Computers, 2021, 70, 2136-2145.	2.4	47
5	Resource-efficient quantum algorithm for protein folding. Npj Quantum Information, 2021, 7, .	2.8	62
6	Variational quantum Boltzmann machines. Quantum Machine Intelligence, 2021, 3, 1.	2.7	47
7	Efficient State Preparation for Quantum Amplitude Estimation. Physical Review Applied, 2021, 15, .	1.5	30
8	Iterative quantum amplitude estimation. Npj Quantum Information, 2021, 7, .	2.8	76
9	The power of quantum neural networks. Nature Computational Science, 2021, 1, 403-409.	3.8	288
10	Quantum Algorithms for Mixed Binary Optimization Applied to Transaction Settlement. IEEE Transactions on Quantum Engineering, 2021, 2, 1-8.	2.9	26
11	Quantum equation of motion for computing molecular excitation energies on a noisy quantum processor. Physical Review Research, 2020, 2, .	1.3	110
12	Quantum-Enhanced Simulation-Based Optimization. , 2020, , .		6
13	Quantum Computing for Finance: State-of-the-Art and Future Prospects. IEEE Transactions on Quantum Engineering, 2020, 1, 1-24.	2.9	133
14	Quantum risk analysis. Npj Quantum Information, 2019, 5, .	2.8	135
15	Quantum Generative Adversarial Networks for learning and loading random distributions. Npj Quantum Information, 2019, 5, .	2.8	216
16	Simulation-Based Optimization of Capacitated Assembly Systems under Beta-Service Level Constraints. Decision Sciences, 2018, 49, 180-217.	3.2	5
17	Joint optimisation of capacity and safety stock allocation. International Journal of Production Research, 2018, 56, 4612-4628.	4.9	9
18	Approximate dynamic programming for stochastic linear control problems on compact state spaces. European Journal of Operational Research, 2015, 241, 85-98.	3.5	8

#	ARTICLE	IF	CITATIONS
19	Grover Adaptive Search for Constrained Polynomial Binary Optimization. Quantum - the Open Journal for Quantum Science, 0, 5, 428.	0.0	46
20	A Threshold for Quantum Advantage in Derivative Pricing. Quantum - the Open Journal for Quantum Science, 0, 5, 463.	0.0	55
21	Warm-starting quantum optimization. Quantum - the Open Journal for Quantum Science, 0, 5, 479.	0.0	94
22	Improving Variational Quantum Optimization using CVaR. Quantum - the Open Journal for Quantum Science, 0, 4, 256.	0.0	94
23	Option Pricing using Quantum Computers. Quantum - the Open Journal for Quantum Science, 0, 4, 291.	0.0	112
24	Simultaneous Perturbation Stochastic Approximation of the Quantum Fisher Information. Quantum - the Open Journal for Quantum Science, 0, 5, 567.	0.0	38
25	A variational quantum algorithm for the Feynman-Kac formula. Quantum - the Open Journal for Quantum Science, 0, 6, 730.	0.0	9