Jie Sun

List of Publications by Year
in descending order

21	92	1684188	1372567
papers	citations	5	10
		h-index	g-index

21	21	21	95
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Speedup in adiabatic evolution based quantum algorithms. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1630-1634.	5.1	19
2	Urinary metabolomics reveals novel interactions between metal exposure and amino acid metabolic stress during pregnancy. Toxicology Research, 2018, 7, 1164-1172.	2.1	18
3	Quantum differential cryptanalysis. Quantum Information Processing, 2015, 14, 2101-2109.	2.2	16
4	ON THE ADIABATIC EVOLUTION OF ONE-DIMENSIONAL PROJECTOR HAMILTONIANS. International Journal of Quantum Information, 2012, 10, 1250046.	1.1	7
5	On Models of Nonlinear Evolution Paths in Adiabatic Quantum Algorithms. Communications in Theoretical Physics, 2013, 59, 22-26.	2.5	7
6	Adiabatically implementing quantum gates. Journal of Applied Physics, 2014, 115, 224901.	2.5	5
7	Quantum Search on Encrypted Data Based on Quantum Homomorphic Encryption. Scientific Reports, 2020, 10, 5135.	3.3	5
8	Partial adiabatic quantum search algorithm and its extensions. Quantum Information Processing, 2013, 12, 2689-2699.	2.2	4
9	An alternate quantum adiabatic evolution for the Deutschâ€"Jozsa problem. Quantum Information Processing, 2014, 13, 731-736.	2.2	4
10	On the General Class of Models of Adiabatic Evolution. Open Systems and Information Dynamics, 2016, 23, 1650016.	1.2	2
11	On the quantum adiabatic evolution with the most general system Hamiltonian. Quantum Information Processing, 2019, 18, 1.	2.2	2
12	Optimality of partial adiabatic search and its circuit model. Quantum Information Processing, 2014, 13, 1751-1763.	2.2	1
13	Generalized relation between fidelity and quantum adiabatic evolution. Quantum Information Processing, 2015, 14, 1757-1765.	2.2	1
14	Is the addition of an assisted driving Hamiltonian always useful for adiabatic evolution?. Quantum Information Processing, 2017, 16, 1.	2.2	1
15	Generalized quantum partial adiabatic evolution. Quantum Information Processing, 2014, 13, 909-916.	2.2	0
16	On the Circuit Model of Global Adiabatic Search Algorithm. International Journal of Theoretical Physics, 2015, 54, 3628-3633.	1.2	0
17	Response to â€œComment on â€˜Adiabatically implementing quantum gatesâ€™â€•[J. Appl. Phys. 117, 156101 (2015)]. Journal of Applied Physics, 2015, 117, 156102.	2.5	0
18	On the Role of Prior Probability in Adiabatic Quantum Algorithms. International Journal of Theoretical Physics, 2016, 55, 1370-1377.	1.2	0

#	Article	IF	Citations
19	A family of system Hamiltonian in quantum adiabatic search type problem. International Journal of Quantum Information, 2019, 17, 1950015.	1.1	0
20	How to make assisted driving Hamiltonian useful in quantum adiabatic computation?. International Journal of Quantum Information, 2019, 17, 1950002.	1.1	0
21	On the time–energy uncertainty relation of Kieu applied to quantum evolutions of Grover's search. International Journal of Quantum Information, 2020, 18, 2050021.	1.1	0