

# Jie Sun

## List of Publications by Year in descending order

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21  
papers

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citations

1684188

5  
h-index

1372567

10  
g-index

21  
all docs

21  
docs citations

21  
times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Quantum Search on Encrypted Data Based on Quantum Homomorphic Encryption. Scientific Reports, 2020, 10, 5135.	3.3	5
3	A family of system Hamiltonian in quantum adiabatic search type problem. International Journal of Quantum Information, 2019, 17, 1950015.	1.1	0
4	On the quantum adiabatic evolution with the most general system Hamiltonian. Quantum Information Processing, 2019, 18, 1.	2.2	2
5	How to make assisted driving Hamiltonian useful in quantum adiabatic computation?. International Journal of Quantum Information, 2019, 17, 1950002.	1.1	0
6	Urinary metabolomics reveals novel interactions between metal exposure and amino acid metabolic stress during pregnancy. Toxicology Research, 2018, 7, 1164-1172.	2.1	18
7	Is the addition of an assisted driving Hamiltonian always useful for adiabatic evolution?. Quantum Information Processing, 2017, 16, 1.	2.2	1
8	On the General Class of Models of Adiabatic Evolution. Open Systems and Information Dynamics, 2016, 23, 1650016.	1.2	2
9	On the Role of Prior Probability in Adiabatic Quantum Algorithms. International Journal of Theoretical Physics, 2016, 55, 1370-1377.	1.2	0
10	On the Circuit Model of Global Adiabatic Search Algorithm. International Journal of Theoretical Physics, 2015, 54, 3628-3633.	1.2	0
11	Generalized relation between fidelity and quantum adiabatic evolution. Quantum Information Processing, 2015, 14, 1757-1765.	2.2	1
12	Quantum differential cryptanalysis. Quantum Information Processing, 2015, 14, 2101-2109.	2.2	16
13	Response to "Comment on "Adiabatically implementing quantum gates" [J. Appl. Phys. 117, 156101 (2015)]. Journal of Applied Physics, 2015, 117, 156102.	2.5	0
14	Adiabatically implementing quantum gates. Journal of Applied Physics, 2014, 115, 224901.	2.5	5
15	Generalized quantum partial adiabatic evolution. Quantum Information Processing, 2014, 13, 909-916.	2.2	0
16	An alternate quantum adiabatic evolution for the Deutsch-Jozsa problem. Quantum Information Processing, 2014, 13, 731-736.	2.2	4
17	Optimality of partial adiabatic search and its circuit model. Quantum Information Processing, 2014, 13, 1751-1763.	2.2	1
18	Partial adiabatic quantum search algorithm and its extensions. Quantum Information Processing, 2013, 12, 2689-2699.	2.2	4

#	ARTICLE	IF	CITATIONS
19	On Models of Nonlinear Evolution Paths in Adiabatic Quantum Algorithms. Communications in Theoretical Physics, 2013, 59, 22-26.	2.5	7
20	ON THE ADIABATIC EVOLUTION OF ONE-DIMENSIONAL PROJECTOR HAMILTONIANS. International Journal of Quantum Information, 2012, 10, 1250046.	1.1	7
21	Speedup in adiabatic evolution based quantum algorithms. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1630-1634.	5.1	19