Yuki Takeuchi

List of Publications by Year
in descending order

		1040056	1125743
17 papers	**282** citations	**9** h-index	**13** g-index
17 all docs	**17** docs citations	**17** times ranked	**233** citing authors

#	ARTICLE	IF	CITATIONS
1	Verification of Many-Qubit States. Physical Review X, 2018, 8, .	8.9	47
2	Verification of hypergraph states. Physical Review A, 2017, 96, .	2.5	41
3	Resource-efficient verification of quantum computing using Serfling's bound. Npj Quantum Information, 2019, 5, .	6.7	40
4	Blind quantum computation over a collective-noise channel. Physical Review A, 2016, 93, .	2.5	35
5	Observation of optomechanical coupling in a microbottle resonator. Laser and Photonics Reviews, 2016, 10, 603-611.	8.7	32
6	Requirement of a Unique Ca2+-Binding Loop for Folding of Tk-Subtilisin from a Hyperthermophilic Archaeon. Biochemistry, 2009, 48, 10637-10643.	2.5	30
7	Experimental Demonstration of Secure Quantum Remote Sensing. Physical Review Applied, 2020, 14, .	3.8	15
8	Quantum remote sensing with asymmetric information gain. Physical Review A, 2019, 99, .	2.5	13
9	Quantum remote sensing under the effect of dephasing. Physical Review A, 2021, 104, .	2.5	11
10	Merlin-Arthur with efficient quantum Merlin and quantum supremacy for the second level of the Fourier hierarchy. Quantum - the Open Journal for Quantum Science, 0, 2, 106.	0.0	7
11	Ancilla-driven instantaneous quantum polynomial time circuit for quantum supremacy. Physical Review A, 2016, 94, .	2.5	4
12	Anonymous Quantum Sensing. Journal of the Physical Society of Japan, 2022, 91, .	1.6	3
13	Divide-and-conquer verification method for noisy intermediate-scale quantum computation. Quantum - the Open Journal for Quantum Science, 0, 6, 758.	0.0	2
14	Optimal nonlocal conversion of photonic four-partite entanglement from two Bell pairs in quantum networks. Physical Review A, 2018, 97, .	2.5	1
15	Passive verification protocol for thermal graph states. Physical Review A, 2022, 106, .	2.5	1
16	Hardness of efficiently generating ground states in postselected quantum computation. Physical Review Research, 2021, 3, .	3.6	0
17	Variational secure cloud quantum computing. Physical Review A, 2022, 105, .	2.5	0