

# Yuki Takeuchi

## List of Publications by Year in descending order

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17  
papers

282  
citations

1040056

9  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

233  
citing authors

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