

# Zhengjun Xi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4904115/publications.pdf>

Version: 2024-02-01

21  
papers

632  
citations

1039880

9  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fidelity and trace-norm distances for quantifying coherence. <i>Physical Review A</i> , 2015, 91, .	1.0	230
2	Quantum coherence and correlations in quantum system. <i>Scientific Reports</i> , 2015, 5, 10922.	1.6	197
3	Measurement-induced nonlocality based on the relative entropy. <i>Physical Review A</i> , 2012, 85, .	1.0	43
4	Coherence-breaking superchannels. <i>Quantum Information Processing</i> , 2022, 21, 1.	1.0	29
5	Necessary and sufficient condition for saturating the upper bound of quantum discord. <i>Physical Review A</i> , 2012, 85, .	1.0	27
6	The upper bound and continuity of quantum discord. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 375301.	0.7	24
7	Coherence measure: Logarithmic coherence number. <i>Physical Review A</i> , 2019, 99, .	1.0	16
8	One-way unlocalizable quantum discord. <i>Physical Review A</i> , 2012, 85, .	1.0	14
9	Coherence distribution in multipartite systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 414016.	0.7	9
10	Epsilon-smooth measure of coherence. <i>Physical Review A</i> , 2019, 99, .	1.0	9
11	One-shot assisted distillation of coherence via one-way local quantum-incoherent operations and classical communication. <i>Physical Review A</i> , 2020, 102, .	1.0	9
12	Information gain and information leak in quantum measurements. <i>Physical Review A</i> , 2016, 93, .	1.0	8
13	Entropic cohering power in quantum operations. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	6
14	Quantum control of spin-nematic squeezing in a dipolar spin-1 condensate. <i>Scientific Reports</i> , 2017, 7, 43159.	1.6	3
15	Quantum and Classical Correlations in Quantum Measurement. <i>Foundations of Physics</i> , 2013, 43, 285-293.	0.6	2
16	Coherence manipulation under non-cohering operations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 375301.	0.7	2
17	Quantifying quantum non-Markovianity based on quantum coherence via skew information. <i>Laser Physics Letters</i> , 2020, 17, 015202.	0.6	2
18	Reverse coherent information and its properties. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Robustness of purity of quantum channels. Laser Physics Letters, 2021, 18, 065201.	0.6	1
20	Some algebraic properties of measure-once two-way quantum finite automata. Quantum Information Processing, 2008, 7, 211-225.	1.0	0
21	Weakly Regular Quantum Grammars and Asynchronous Quantum Automata. International Journal of Theoretical Physics, 2009, 48, 357-368.	0.5	0