

Manuel Erhard

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,873
citations

471061

17
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum indistinguishability by path identity and with undetected photons. <i>Reviews of Modern Physics</i> , 2022, 94, .	16.4	27
2	Quantum teleportation of physical qubits into logical code spaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
3	Quantum Optical Experiments Modeled by Long Short-Term Memory. <i>Photonics</i> , 2021, 8, 535.	0.9	7
4	Proposal for practical multidimensional quantum networks. <i>Physical Review A</i> , 2021, 104, .	1.0	14
5	Computer-Inspired Concept for High-Dimensional Multipartite Quantum Gates. <i>Physical Review Letters</i> , 2020, 125, 050501.	2.9	37
6	Path identity as a source of high-dimensional entanglement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26118-26122.	3.3	22
7	Advances in high-dimensional quantum entanglement. <i>Nature Reviews Physics</i> , 2020, 2, 365-381.	11.9	234
8	Computer-inspired quantum experiments. <i>Nature Reviews Physics</i> , 2020, 2, 649-661.	11.9	48
9	Quantum Teleportation in High Dimensions. <i>Physical Review Letters</i> , 2019, 123, 070505.	2.9	228
10	Quantum experiments and graphs II: Quantum interference, computation, and state generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4147-4155.	3.3	30
11	Gouy Phase Radial Mode Sorter for Light: Concepts and Experiments. <i>Physical Review Letters</i> , 2018, 120, 103601.	2.9	74
12	Twisted photons: new quantum perspectives in high dimensions. <i>Light: Science and Applications</i> , 2018, 7, 17146-17146.	7.7	412
13	Experimental Greenbergerâ€“Horneâ€“Zeilinger entanglement beyond qubits. <i>Nature Photonics</i> , 2018, 12, 759-764.	15.6	109
14	Orbital angular momentum of photons and the entanglement of Laguerreâ€“Gaussian modes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20150442.	1.6	104
15	A quantum router for high-dimensional entanglement. <i>Quantum Science and Technology</i> , 2017, 2, 014001.	2.6	22
16	High-Dimensional Single-Photon Quantum Gates: Concepts and Experiments. <i>Physical Review Letters</i> , 2017, 119, 180510.	2.9	142
17	Generation of the complete four-dimensional Bell basis. <i>Optica</i> , 2017, 4, 1462.	4.8	51
18	Multi-photon entanglement in high dimensions. <i>Nature Photonics</i> , 2016, 10, 248-252.	15.6	253

#	ARTICLE	IF	CITATIONS
19	Real-time imaging of spin-to-orbital angular momentum hybrid remote state preparation. Physical Review A, 2015, 92, .	1.0	37