Manuel Erhard

List of Publications by Year
in descending order

19	1,873	471061 17	752256 20
papers	citations	h-index	g-index

21	21	21	1633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twisted photons: new quantum perspectives in high dimensions. Light: Science and Applications, 2018, 7, 17146-17146.	7.7	412
2	Multi-photon entanglement in high dimensions. Nature Photonics, 2016, 10, 248-252.	15.6	253
3	Advances in high-dimensional quantum entanglement. Nature Reviews Physics, 2020, 2, 365-381.	11.9	234
4	Quantum Teleportation in High Dimensions. Physical Review Letters, 2019, 123, 070505.	2.9	228
5	High-Dimensional Single-Photon Quantum Gates: Concepts and Experiments. Physical Review Letters, 2017, 119, 180510.	2.9	142
6	Experimental Greenbergerâ€“Horneâ€“Zeilinger entanglement beyond qubits. Nature Photonics, 2018, 12, 759-764.	15.6	109
7	Orbital angular momentum of photons and the entanglement of Laguerreâ€“Gaussian modes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20150442.	1.6	104
8	Gouy Phase Radial Mode Sorter for Light: Concepts and Experiments. Physical Review Letters, 2018, 120, 103601.	2.9	74
9	Generation of the complete four-dimensional Bell basis. Optica, 2017, 4, 1462.	4.8	51
10	Computer-inspired quantum experiments. Nature Reviews Physics, 2020, 2, 649-661.	11.9	48
11	Real-time imaging of spin-to-orbital angular momentum hybrid remote state preparation. Physical Review A, 2015, 92, .	1.0	37
12	Computer-Inspired Concept for High-Dimensional Multipartite Quantum Gates. Physical Review Letters, 2020, 125, 050501.	2.9	37
13	Quantum experiments and graphs II: Quantum interference, computation, and state generation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4147-4155.	3.3	30
14	Quantum indistinguishability by path identity and with undetected photons. Reviews of Modern Physics, 2022, 94, .	16.4	27
15	A quantum router for high-dimensional entanglement. Quantum Science and Technology, 2017, 2, 014001.	2.6	22
16	Path identity as a source of high-dimensional entanglement. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26118-26122.	3.3	22
17	Quantum teleportation of physical qubits into logical code spaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	21
18	Proposal for practical multidimensional quantum networks. Physical Review A, 2021, 104, .	1.0	14

#	Article	IF	Citations
19	Quantum Optical Experiments Modeled by Long Short-Term Memory. Photonics, 2021, 8, 535.	0.9	7