

T Jennewein

List of Publications by Year in descending order

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26
papers

2,565
citations

623699

14
h-index

794568

19
g-index

26
all docs

26
docs citations

26
times ranked

2180
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement-based quantum communication over 144 km. Nature Physics, 2007, 3, 481-486.	16.7	866
2	Violation of local realism with freedom of choice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19708-19713.	7.1	196
3	Long-distance quantum communication with entangled photons using satellites. IEEE Journal of Selected Topics in Quantum Electronics, 2003, 9, 1541-1551.	2.9	184
4	Practical quantum key distribution with polarization entangled photons. Optics Express, 2004, 12, 3865.	3.4	178
5	Experimental verification of the feasibility of a quantum channel between space and Earth. New Journal of Physics, 2008, 10, 033038.	2.9	177
6	Ruling Out Multi-Order Interference in Quantum Mechanics. Science, 2010, 329, 418-421.	12.6	176
7	Three-photon energy-time entanglement. Nature Physics, 2013, 9, 19-22.	16.7	150
8	A comprehensive design and performance analysis of low Earth orbit satellite quantum communication. New Journal of Physics, 2013, 15, 023006.	2.9	150
9	Experimental three-photon quantum nonlocality under strict locality conditions. Nature Photonics, 2014, 8, 292-296.	31.4	104
10	Quantum computing on encrypted data. Nature Communications, 2014, 5, 3074.	12.8	96
11	Space-quest, experiments with quantum entanglement in space. Europhysics News, 2009, 40, 26-29.	0.3	77
12	Entanglement over global distances via quantum repeaters with satellite links. Physical Review A, 2015, 91, .	2.5	70
13	Studying free-space transmission statistics and improving free-space quantum key distribution in the turbulent atmosphere. New Journal of Physics, 2012, 14, 123018.	2.9	65
14	QEYSSAT: a mission proposal for a quantum receiver in space. , 2014, , .		24
15	Talbot effect of orbital angular momentum lattices with single photons. Physical Review A, 2020, 101, .	2.5	21
16	Quantum entanglement distribution with 810 nm photons through telecom fibers. Applied Physics Letters, 2010, 97, 031117.	3.3	11
17	Fast optical source for quantum key distribution based on semiconductor optical amplifiers. Optics Express, 2011, 19, 3825.	3.4	11
18	Implementation and characterization of active feed-forward for deterministic linear optics quantum computing. Applied Physics B: Lasers and Optics, 2007, 89, 499-505.	2.2	6

#	ARTICLE	IF	CITATIONS
19	Applications of quantum communication protocols in real world scenarios toward space. Elektrotechnik Und Informationstechnik, 2007, 124, 149-153.	1.1	1
20	Improving entangled free-space quantum key distribution in the turbulent atmosphere. , 2011, , .		1
21	Advanced Quantum Communications Experiments with Entangled Photons. Optical Science and Engineering, 2005, , 45-81.	0.1	1
22	Implementation of Quantum Algorithms using Optical Cluster State. , 2007, , .		0
23	Waveguide source for an on-demand entanglement distribution network. , 2011, , .		0
24	Triple photons and triple slits, a new frontier in quantum mechanics tests. , 2011, , .		0
25	Photon triplets and bound entanglement. , 2011, , .		0
26	Space-to-Ground Single-Photon Link for the Realization of a Space Quantum Channel. , 2008, , .		0