

AurÃ©l GÃ©bris

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,544
citations

623734

14
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

981
citing authors

#	ARTICLE	IF	CITATIONS
1	Driving two-photon interference via classical control in quantum networks. , 2021, , .		0
2	Local Versus Global Two-Photon Interference in Quantum Networks. Physical Review Letters, 2020, 125, 213604.	7.8	9
3	Photonic quantum walks with four-dimensional coins. Physical Review Research, 2019, 1, .	3.6	14
4	Quantum State Identification of Qutrits via a Nonlinear Protocol. Journal of Russian Laser Research, 2018, 39, 456-464.	0.6	1
5	Probing measurement-induced effects in quantum walks via recurrence. Science Advances, 2018, 4, eaar6444.	10.3	32
6	Measuring topological invariants in disordered discrete-time quantum walks. Physical Review A, 2017, 96, .	2.5	64
7	Quantum walks with dynamical control: graph engineering, initial state preparation and state transfer. New Journal of Physics, 2016, 18, 063017.	2.9	36
8	Quantum walk coherences on a dynamical percolation graph. Scientific Reports, 2015, 5, 13495.	3.3	24
9	Quantum Walk Coherences on a Dynamical Percolation Graph. , 2015, , .		0
10	Photonic Quantum Walks on Finite Graphs and with Non-Localised Initial States. , 2015, , .		0
11	Simulations of two-particle interactions with 2D quantum walks in time. , 2014, , .		0
12	Spatio-spectral characteristics of parametric down-conversion in waveguide arrays. New Journal of Physics, 2013, 15, 083046.	2.9	36
13	Simulations of two particle dynamics employing dynamic coin control in 2D quantum walks. , 2013, , .		0
14	A 2D Quantum Walk Simulation of Two-Particle Dynamics. Science, 2012, 336, 55-58.	12.6	339
15	Measurement-Induced Chaos with Entangled States. Physical Review Letters, 2011, 107, 100501.	7.8	16
16	Decoherence and Disorder in Quantum Walks: From Ballistic Spread to Localization. Physical Review Letters, 2011, 106, 180403.	7.8	300
17	Quantum walk with a four-dimensional coin. New Journal of Physics, 2011, 13, 013015.	2.9	19
18	Photonic quantum walks in a fiber based recursion loop. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	Photons Walking the Line: A Quantum Walk with Adjustable Coin Operations. Physical Review Letters, 2010, 104, 050502.	7.8	469
20	Optimized quantum random-walk search algorithms on the hypercube. Physical Review A, 2009, 79, .	2.5	88
21	Chaos in the conditional dynamics of two qubits purification protocol. , 2008, , .		0
22	Scattering quantum random-walk search with errors. Physical Review A, 2007, 76, .	2.5	20
23	QUANTUM TELEPORTATION WITH PAIR-COHERENT STATES. International Journal of Quantum Information, 2007, 05, 17-22.	1.1	30
24	Vacuum-induced Stark shifts for quantum logic using a collective system in a high-quality dispersive cavity. Physical Review A, 2005, 71, .	2.5	25
25	Controlled-not Gates for Four-Level Atoms in a Bimodal Cavity. European Physical Journal A, 2005, 23, 19-24.	0.2	0
26	Distinguishing Schrödinger cats in a lossy environment. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S84-S89.	1.4	7
27	One-complex-plane representation: a coherent-state description of entanglement and teleportation. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, S213-S217.	1.4	2
28	Structural features of the La-Sr-Fe-Co-O system. European Physical Journal B, 2001, 21, 521-526.	1.5	12