

Armando Perez-Leija

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,215
citations

567281

15
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological protection versus degree of entanglement of two-photon edge states. , 2021, , .		0
2	Topological protection versus degree of entanglement of two-photon light in photonic topological insulators. Nature Communications, 2021, 12, 1974.	12.8	19
3	Quantum transport in non-Markovian dynamically disordered photonic lattices. Physical Review A, 2021, 103, .	2.5	5
4	Topological protection versus degree of entanglement of two-photon light. , 2021, , .		0
5	Direct observation of the particle exchange phase of photons. Nature Photonics, 2021, 15, 671-675.	31.4	10
6	Topological protection of highly entangled non-Gaussian two-photon states. Materials for Quantum Technology, 2021, 1, 035001.	3.1	1
7	Entanglement protection of non-gaussian two-photon states in photonic topological insulators. , 2021, , .		0
8	Multiphoton synthetic lattices in multiport waveguide arrays: synthetic atoms and Fock graphs. Photonics Research, 2020, 8, 1161.	7.0	13
9	Multiphoton quantum-state engineering using conditional measurements. Npj Quantum Information, 2019, 5, .	6.7	57
10	Two-particle quantum correlations in stochastically-coupled networks. New Journal of Physics, 2019, 21, 053041.	2.9	2
11	Exceptional points of any order in a single, lossy waveguide beam splitter by photon-number-resolved detection. Photonics Research, 2019, 7, 862.	7.0	47
12	Two-particle four-point correlations in dynamically disordered tight-binding networks. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 024002.	1.5	5
13	Endurance of quantum coherence due to particle indistinguishability in noisy quantum networks. Npj Quantum Information, 2018, 4, .	6.7	35
14	Advanced-Retarded Differential Equations in Quantum Photonic Systems. Scientific Reports, 2017, 7, 42933.	3.3	10
15	Quantum coherences of indistinguishable particles. Physical Review A, 2017, 96, .	2.5	12
16	Topological protection of photonic path entanglement. Optica, 2016, 3, 925.	9.3	77
17	Photonic Quantum Walks in waveguide lattices. , 2016, , .		0
18	Measuring the Aharonovâ€“Anandan phase in multiport photonic systems. Optics Letters, 2016, 41, 1889.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Harnessing click detectors for the genuine characterization of light states. Scientific Reports, 2016, 6, 19489.	3.3	30
20	Implementation of quantum and classical discrete fractional Fourier transforms. Nature Communications, 2016, 7, 11027.	12.8	81
21	Laser written circuits for quantum photonics. Laser and Photonics Reviews, 2015, 9, 363-384.	8.7	176
22	Experimental observation of NOON state Bloch oscillations. Nature Communications, 2015, 6, 8273.	12.8	43
23	On-chip generation of high-order single-photon W-states. Nature Photonics, 2014, 8, 791-795.	31.4	109
24	Coherent quantum transport in photonic lattices. Physical Review A, 2013, 87, .	2.5	146
25	Perfect transfer of path-entangled photons in $J \times x$ photonic lattices. Physical Review A, 2013, 87, .	2.5	55
26	Discrete-like diffraction dynamics in free space. Optics Express, 2013, 21, 17951.	3.4	14
27	Generating photon-encoded W states in multiport waveguide-array systems. Physical Review A, 2013, 87, .	2.5	48
28	Tailoring the correlation and anticorrelation behavior of path-entangled photons in Glauber-Fock oscillator lattices. Physical Review A, 2012, 85, .	2.5	38
29	Anderson localization in optical waveguide arrays with off-diagonal coupling disorder. Optics Express, 2011, 19, 13636.	3.4	169
30	Displaced Fock states and photon correlations in Glauber-Fock photonic lattices. , 2011, , .		0