

# 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	Laser written circuits for quantum photonics. <i>Laser and Photonics Reviews</i> , 2015, 9, 363-384.	8.7	176
2	Anderson localization in optical waveguide arrays with off-diagonal coupling disorder. <i>Optics Express</i> , 2011, 19, 13636.	3.4	169
3	Coherent quantum transport in photonic lattices. <i>Physical Review A</i> , 2013, 87, .	2.5	146
4	On-chip generation of high-order single-photon W-states. <i>Nature Photonics</i> , 2014, 8, 791-795.	31.4	109
5	Implementation of quantum and classical discrete fractional Fourier transforms. <i>Nature Communications</i> , 2016, 7, 11027.	12.8	81
6	Topological protection of photonic path entanglement. <i>Optica</i> , 2016, 3, 925.	9.3	77
7	Multiphoton quantum-state engineering using conditional measurements. <i>Npj Quantum Information</i> , 2019, 5, .	6.7	57
8	Perfect transfer of path-entangled photons in $J$ photonic lattices. <i>Physical Review A</i> , 2013, 87, .	2.5	55
9	Generating photon-encoded $W$ states in multiport waveguide-array systems. <i>Physical Review A</i> , 2013, 87, .	2.5	48
10	Exceptional points of any order in a single, lossy waveguide beam splitter by photon-number-resolved detection. <i>Photonics Research</i> , 2019, 7, 862.	7.0	47
11	Experimental observation of NOON state Bloch oscillations. <i>Nature Communications</i> , 2015, 6, 8273.	12.8	43
12	Tailoring the correlation and anticorrelation behavior of path-entangled photons in Glauber-Fock oscillator lattices. <i>Physical Review A</i> , 2012, 85, .	2.5	38
13	Endurance of quantum coherence due to particle indistinguishability in noisy quantum networks. <i>Npj Quantum Information</i> , 2018, 4, .	6.7	35
14	Harnessing click detectors for the genuine characterization of light states. <i>Scientific Reports</i> , 2016, 6, 19489.	3.3	30
15	Topological protection versus degree of entanglement of two-photon light in photonic topological insulators. <i>Nature Communications</i> , 2021, 12, 1974.	12.8	19
16	Discrete-like diffraction dynamics in free space. <i>Optics Express</i> , 2013, 21, 17951.	3.4	14
17	Multiphoton synthetic lattices in multiport waveguide arrays: synthetic atoms and Fock graphs. <i>Photonics Research</i> , 2020, 8, 1161.	7.0	13
18	Measuring the Aharonov-Bohm phase in multiport photonic systems. <i>Optics Letters</i> , 2016, 41, 1889.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Quantum coherences of indistinguishable particles. <i>Physical Review A</i> , 2017, 96, .	2.5	12
20	Advanced-Retarded Differential Equations in Quantum Photonic Systems. <i>Scientific Reports</i> , 2017, 7, 42933.	3.3	10
21	Direct observation of the particle exchange phase of photons. <i>Nature Photonics</i> , 2021, 15, 671-675.	31.4	10
22	Two-particle four-point correlations in dynamically disordered tight-binding networks. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 024002.	1.5	5
23	Quantum transport in non-Markovian dynamically disordered photonic lattices. <i>Physical Review A</i> , 2021, 103, .	2.5	5
24	Two-particle quantum correlations in stochastically-coupled networks. <i>New Journal of Physics</i> , 2019, 21, 053041.	2.9	2
25	Topological protection of highly entangled non-Gaussian two-photon states. <i>Materials for Quantum Technology</i> , 2021, 1, 035001.	3.1	1
26	Displaced Fock states and photon correlations in Glauber-Fock photonic lattices. , 2011, , .		0
27	Photonic Quantum Walks in waveguide lattices. , 2016, , .		0
28	Topological protection versus degree of entanglement of two-photon edge states. , 2021, , .		0
29	Topological protection versus degree of entanglement of two-photon light. , 2021, , .		0
30	Entanglement protection of non-gaussian two-photon states in photonic topological insulators. , 2021, , .		0