

Carlos SÃ¡nchez MuÃ±oz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1808797/publications.pdf>

Version: 2024-02-01

28
papers

1,082
citations

394286

19
h-index

526166

27
g-index

29
all docs

29
docs citations

29
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Emitters of N-photon bundles. <i>Nature Photonics</i> , 2014, 8, 550-555.	15.6	136
2	Coherent Generation of Nonclassical Light on Chip via Detuned Photon Blockade. <i>Physical Review Letters</i> , 2015, 114, 233601.	2.9	109
3	Topological order and thermal equilibrium in polariton condensates. <i>Nature Materials</i> , 2018, 17, 145-151.	13.3	79
4	Quantum State Tomography with Conditional Generative Adversarial Networks. <i>Physical Review Letters</i> , 2021, 127, 140502.	2.9	58
5	First observation of the quantized exciton-polariton field and effect of interactions on a single polariton. <i>Science Advances</i> , 2018, 4, eaao6814.	4.7	57
6	Engineering and Harnessing Giant Atoms in High-Dimensional Baths: A Proposal for Implementation with Cold Atoms. <i>Physical Review Letters</i> , 2019, 122, 203603.	2.9	56
7	Exciting Polaritons with Quantum Light. <i>Physical Review Letters</i> , 2015, 115, 196402.	2.9	54
8	Hybrid Systems for the Generation of Nonclassical Mechanical States via Quadratic Interactions. <i>Physical Review Letters</i> , 2018, 121, 123604.	2.9	50
9	Resolution of superluminal signalling in non-perturbative cavity quantum electrodynamics. <i>Nature Communications</i> , 2018, 9, 1924.	5.8	46
10	Filtering multiphoton emission from state-of-the-art cavity quantum electrodynamics. <i>Optica</i> , 2018, 5, 14.	4.8	46
11	Macroscopic Two-Dimensional Polariton Condensates. <i>Physical Review Letters</i> , 2017, 118, 215301.	2.9	43
12	Quantum synchronisation enabled by dynamical symmetries and dissipation. <i>New Journal of Physics</i> , 2020, 22, 013026.	1.2	43
13	Symmetries and conservation laws in quantum trajectories: Dissipative freezing. <i>Physical Review A</i> , 2019, 100, .	1.0	35
14	Enhanced two-photon emission from a dressed biexciton. <i>New Journal of Physics</i> , 2015, 17, 123021.	1.2	33
15	Deterministic Down-Converter and Continuous Photon-Pair Source within the Bad-Cavity Limit. <i>Physical Review Letters</i> , 2016, 117, 203602.	2.9	30
16	Excitation with quantum light. II. Exciting a two-level system. <i>Physical Review A</i> , 2016, 94, .	1.0	29
17	Violation of classical inequalities by photon frequency filtering. <i>Physical Review A</i> , 2014, 90, .	1.0	28
18	Classification and reconstruction of optical quantum states with deep neural networks. <i>Physical Review Research</i> , 2021, 3, .	1.3	25

#	ARTICLE	IF	CITATIONS
19	Photon Correlation Spectroscopy as a Witness for Quantum Coherence. Physical Review Letters, 2020, 124, 203601.	2.9	23
20	Degenerate parametric oscillation in quantum membrane optomechanics. Physical Review A, 2016, 93, .	1.0	21
21	The colored Hanbury Brown-Twiss effect. Scientific Reports, 2016, 6, 37980.	1.6	19
22	Simulating ultrastrong-coupling processes breaking parity conservation in Jaynes-Cummings systems. Physical Review A, 2020, 102, .	1.0	18
23	Plasmon-polariton emission from a coherently excited quantum dot near a metal interface. Physical Review B, 2012, 85, .	1.1	13
24	Quantum metrology of two-photon absorption. Physical Review Research, 2021, 3, .	1.3	13
25	Squeezed Lasing. Physical Review Letters, 2021, 127, 183603.	2.9	7
26	Bichromatic dressing of a quantum dot detected by a remote second quantum dot. Physical Review B, 2013, 88, .	1.1	6
27	Two-photon resonance fluorescence of two interacting nonidentical quantum emitters. Physical Review Research, 2021, 3, .	1.3	5
28	Pulse, polarization and topology shaping of polariton fluids. , 2017, , .		0