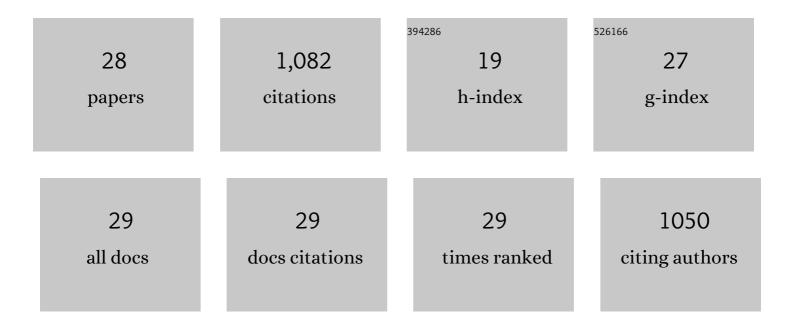
## Carlos SÃ;nchez Muñoz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1808797/publications.pdf Version: 2024-02-01



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

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#	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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;<mml:mi>p</mml:mi>-excited quantum dot near a metal interface. Physical Review B. 2012. 85</mml:math 	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