

Pietro Lombardi

List of Publications by Year in descending order

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33
papers

1,021
citations

567281

15
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

1163
citing authors

#	ARTICLE	IF	CITATIONS
1	Single photon sources for quantum radiometry: a brief review about the current state-of-the-art. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	3
2	Real-time two-photon interference from distinct molecules on the same chip. Optica, 2022, 9, 731.	9.3	8
3	Triggered emission of indistinguishable photons from an organic dye molecule. Applied Physics Letters, 2021, 118, .	3.3	21
4	Single organic molecules for photonic quantum technologies. Nature Materials, 2021, 20, 1615-1628.	27.5	79
5	Indistinguishable Photons from a Single Molecule under Pulsed Excitation. EPJ Web of Conferences, 2021, 255, 06002.	0.3	0
6	Organic Dye Molecules as Single Photon Sources for Optical Quantum Technologies. , 2021, , .		0
7	A Molecule-Based Single-Photon Source Applied in Quantum Radiometry. Advanced Quantum Technologies, 2020, 3, 1900083.	3.9	25
8	Laser-Induced Frequency Tuning of Fourier-Limited Single-Molecule Emitters. ACS Nano, 2020, 14, 13584-13592.	14.6	19
9	Cold and Hot Spots: From Inhibition to Enhancement by Nanoscale Phase Tuning of Optical Nanoantennas. Nano Letters, 2020, 20, 6756-6762.	9.1	4
10	A 3D Polymeric Platform for Photonic Quantum Technologies. Advanced Quantum Technologies, 2020, 3, 2000004.	3.9	19
11	Planar Optical Antennas as Efficient Single-Photon Sources for Free-Space and Fiber-Based Operation in Quantum Optics and Metrology. , 2019, , .		0
12	3D Laser Writing Around Lifetime-Limited Quantum Emitters. , 2019, , .		1
13	Electrical Control of Lifetime-Limited Quantum Emitters Using 2D Materials. Nano Letters, 2019, 19, 3789-3795.	9.1	30
14	Narrow Line Width Quantum Emitters in an Electron-Beam-Shaped Polymer. ACS Photonics, 2019, 6, 3120-3125.	6.6	9
15	Self-Assembled Nanocrystals of Polycyclic Aromatic Hydrocarbons Show Photostable Single-Photon Emission. ACS Nano, 2018, 12, 4295-4303.	14.6	54
16	Photostable Molecules on Chip: Integrated Sources of Nonclassical Light. ACS Photonics, 2018, 5, 126-132.	6.6	51
17	Beaming light from a quantum emitter with a planar optical antenna. Light: Science and Applications, 2017, 6, e16245-e16245.	16.6	41
18	Ergodicity in randomly perturbed quantum systems. Quantum Science and Technology, 2017, 2, 015007.	5.8	19

#	ARTICLE	IF	CITATIONS
19	A realistic fabrication and design concept for quantum gates based on single emitters integrated in plasmonic-dielectric waveguide structures. <i>Scientific Reports</i> , 2016, 6, 28877.	3.3	37
20	A compact ultranarrow high-power laser system for experiments with 578 nm ytterbium clock transition. <i>Review of Scientific Instruments</i> , 2015, 86, 073111.	1.3	12
21	Light pulse analysis with a multi-state atom interferometer. , 2014, , .		0
22	Reading the phase of a Raman excitation with a multi-state atomic interferometer. <i>Optics Express</i> , 2014, 22, 19141.	3.4	6
23	Direct Observation of Coherent Interorbital Spin-Exchange Dynamics. <i>Physical Review Letters</i> , 2014, 113, 120402.	7.8	141
24	A one-dimensional liquid of fermions with tunable spin. <i>Nature Physics</i> , 2014, 10, 198-201.	16.7	323
25	A multi-state interferometer on an atom chip. <i>New Journal of Physics</i> , 2013, 15, 043002.	2.9	36
26	A multi-state interferometer on an atom chip. , 2013, , .		0
27	Enhancing electromagnetically-induced transparency in a multilevel broadened medium. <i>Optics Express</i> , 2012, 20, 4346.	3.4	17
28	Degenerate quantum gases manipulation on AtomChips. <i>Physica Scripta</i> , 2012, T149, 014002.	2.5	0
29	Control of a Bose-Einstein condensate on a chip by external optical and magnetic potentials. <i>Annals of Physics</i> , 2012, 327, 2152-2165.	2.8	1
30	Quantum information storage in atomic media. , 2012, , .		0
31	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2011, 111, 583-588.	0.6	2
32	Electromagnetically induced transparency in an inhomogeneously broadened transition with multiple excited levels. <i>Physical Review A</i> , 2011, 83, .	2.5	44
33	Atomic-ensemble-based quantum memory for sideband modulations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 114010.	1.5	4