

Joao Valente

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

618
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent metamaterial absorption of two-photon states with 40% efficiency. <i>Physical Review A</i> , 2019, 99, .	2.5	25
2	Fabrication of planar nanomechanical photonic metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 093501.	2.2	6
3	Light-Emitting GaAs Nanowires on a Flexible Substrate. <i>Nano Letters</i> , 2018, 18, 4206-4213.	9.1	26
4	Coherent Perfect Absorption in Metamaterials with Entangled Photons. <i>ACS Photonics</i> , 2017, 4, 2124-2128.	6.6	31
5	11-fs dark pulses generated via coherent absorption in plasmonic metamaterial. <i>Optics Express</i> , 2017, 25, 22620.	3.4	12
6	Nano- and Micro- Auxetic Plasmonic Materials. <i>Advanced Materials</i> , 2016, 28, 5176-5180.	21.0	32
7	Random access actuation of nanowire grid metamaterial. <i>Nanotechnology</i> , 2016, 27, 485206.	2.6	16
8	Invited Article: All-optical multichannel logic based on coherent perfect absorption in a plasmonic metamaterial. <i>APL Photonics</i> , 2016, 1, .	5.7	47
9	Two-dimensional control of light with light on metasurfaces. <i>Light: Science and Applications</i> , 2016, 5, e16070-e16070.	16.6	106
10	All-Optical Image Recognition Using Metamaterials. , 2016, , .		1
11	Coherent perfect absorption in deeply subwavelength films in the single-photon regime. <i>Nature Communications</i> , 2015, 6, 7031.	12.8	160
12	A magneto-electro-optical effect in a plasmonic nanowire material. <i>Nature Communications</i> , 2015, 6, 7021.	12.8	118
13	Reconfiguring photonic metamaterials with currents and magnetic fields. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	38
14	Metamaterial NEMS: Giant optical nonlinearity and magnetoelectrical effect. , 2014, , .		0