

Joao Valente

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5228174/publications.pdf>

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