

Maxim Abashin

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

479
citations

1163117

8
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

926
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell type specificity of neurovascular coupling in cerebral cortex. ELife, 2016, 5, .	6.0	176
2	Inhomogenous Dielectric Metamaterials with Space-Variant Polarizability. Physical Review Letters, 2007, 98, 243901.	7.8	107
3	Nanoscale Imaging of Photocurrent and Efficiency in CdTe Solar Cells. ACS Nano, 2014, 8, 11883-11890.	14.6	60
4	Near-field characterization of propagating optical modes in photonic crystal waveguides. Optics Express, 2006, 14, 1643.	3.4	35
5	Wave front evolution of negatively refracted waves in a photonic crystal. Applied Physics Letters, 2007, 90, 041113.	3.3	30
6	Mapping the Local Photoelectronic Properties of Polycrystalline Solar Cells Through High Resolution Laser-Beam-Induced Current Microscopy. IEEE Journal of Photovoltaics, 2014, 4, 311-316.	2.5	26
7	Composite dielectric metasurfaces for phase control of vector field. Optics Letters, 2015, 40, 2453.	3.3	19
8	Effects produced by metal-coated near-field probes on the performance of silicon waveguides and resonators. Optics Letters, 2007, 32, 2602.	3.3	12
9	Heterodyne near-field scanning optical microscopy with spectrally broad sources. Optics Letters, 2009, 34, 1327.	3.3	8
10	Near-field measurement of amplitude and phase in silicon waveguides with liquid cladding. Optics Letters, 2011, 36, 1869.	3.3	6
11	Nearfield investigation of subwavelength structured graded-index lens. , 2006, , .		0
12	Devices Utilizing Free-space Optics on a Chip. , 2006, , .		0
13	Nanoscale optical field localization by resonantly focused plasmons. , 2008, , .		0
14	Near-Field measurement of amplitude and phase in silicon waveguides with liquid cladding. , 2011, , .		0