

Dongliang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,147
citations

471061

17
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Demonstration of a Bilayer Thermal Cloak. <i>Physical Review Letters</i> , 2014, 112, 054302.	2.9	456
2	Optical manipulation from the microscale to the nanoscale: fundamentals, advances and prospects. <i>Light: Science and Applications</i> , 2017, 6, e17039-e17039.	7.7	441
3	Ultrathin Pancharatnamâ€Berry Metasurface with Maximal Crossâ€Polarization Efficiency. <i>Advanced Materials</i> , 2015, 27, 1195-1200.	11.1	431
4	Invisible Sensors: Simultaneous Sensing and Camouflaging in Multiphysical Fields. <i>Advanced Materials</i> , 2015, 27, 7752-7758.	11.1	202
5	Photon momentum transfer in inhomogeneous dielectric mixtures and induced tractor beams. <i>Light: Science and Applications</i> , 2015, 4, e278-e278.	7.7	78
6	Manipulating Steady Heat Conduction by Sensu-shaped Thermal Metamaterials. <i>Scientific Reports</i> , 2015, 5, 10242.	1.6	65
7	Unveiling the correlation between nonâ€diffracting tractor beam and its singularity in Poynting vector. <i>Laser and Photonics Reviews</i> , 2015, 9, 75-82.	4.4	52
8	Engineering light-matter interaction for emerging optical manipulation applications. <i>Nanophotonics</i> , 2014, 3, 181-201.	2.9	42
9	Radiation pressure of active dispersive chiral slabs. <i>Optics Express</i> , 2015, 23, 16546.	1.7	37
10	Fano-enhanced pulling and pushing optical force on active plasmonic nanoparticles. <i>Physical Review A</i> , 2017, 96, .	1.0	35
11	Fano resonant Ge ₂ Sb ₂ Te ₅ nanoparticles realize switchable lateral optical force. <i>Nanoscale</i> , 2016, 8, 5657-5666.	2.8	28
12	Effective nonlinear optical properties and optical bistability in composite media containing spherical particles with different sizes. <i>Optics Express</i> , 2016, 24, 5334.	1.7	27
13	Goosâ€HÃnchen shift of the reflection from nonlinear nanocomposites with electric field tunability. <i>Applied Physics Letters</i> , 2010, 97, 041903.	1.5	25
14	PLASMONIC RESONANT LIGHT SCATTERING BY A CYLINDER WITH RADIAL ANISOTROPY. <i>Progress in Electromagnetics Research</i> , 2010, 106, 335-347.	1.6	22
15	Tailoring optical pulling force on gain coated nanoparticles with nonlocal effective medium theory. <i>Optics Express</i> , 2017, 25, 24566.	1.7	21
16	Kerkerâ€Type Intensityâ€Gradient Force of Light. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900265.	4.4	20
17	Enhanced Spin Hall Effect of Light in Spheres with Dual Symmetry. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800130.	4.4	19
18	Reconfigurable sensor and nanoantenna by graphene-tuned Fano resonance. <i>Optics Express</i> , 2019, 27, 35925.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Topological effects in anisotropy-induced nano-fano resonance of a cylinder. Optics Letters, 2015, 40, 4162.	1.7	17
20	Influence of spherical anisotropy on the optical properties of plasmon resonant metallic nanoparticles. Applied Physics A: Materials Science and Processing, 2011, 102, 673-679.	1.1	16
21	Enhanced broadband spin Hall effects by core-shell nanoparticles. Optics Express, 2019, 27, 4808.	1.7	15
22	Pulling cylindrical particles using a soft-nonparaxial tractor beam. Scientific Reports, 2017, 7, 652.	1.6	14
23	Tunability of Multipolar Plasmon Resonances and Fano Resonances in Bimetallic Nanoshells. Plasmonics, 2018, 13, 623-630.	1.8	14
24	Enhancement of Optical Nonlinearity by Core-Shell Bimetallic Nanostructures. Plasmonics, 2016, 11, 183-187.	1.8	13
25	Tunable spin Hall shift of light from graphene-wrapped spheres. Optics Express, 2021, 29, 9816.	1.7	10
26	Realizing optical bistability and tristability in plasmonic coated nanoparticles with radial-anisotropy and Kerr-nonlinearity. Optics Express, 2020, 28, 17384.	1.7	9
27	Routing emission with a multi-channel nonreciprocal waveguide. Photonics Research, 2019, 7, 642.	3.4	8
28	Macroscopic broadband optical escalator with force-loaded transformation optics. Optics Express, 2013, 21, 796.	1.7	5
29	Detecting nonlocality by second-harmonic generation from a graphene-wrapped nanoparticle. Optics Express, 2022, 30, 12722.	1.7	3
30	Graphene-tuned optical manipulation on microparticle by Bessel beam. AIP Advances, 2019, 9, 035154.	0.6	2
31	Topology-tuned light scattering around Fano resonances by a core-shell cylinder. Optics Express, 2022, 30, 8399.	1.7	1
32	Non-diffractive tractor beams. , 2017, , .		0