

Dongliang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5139037/publications.pdf>

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	Topology-tuned light scattering around Fano resonances by a core-shell cylinder. Optics Express, 2022, 30, 8399.	1.7	1
2	Detecting nonlocality by second-harmonic generation from a graphene-wrapped nanoparticle. Optics Express, 2022, 30, 12722.	1.7	3
3	Tunable spin Hall shift of light from graphene-wrapped spheres. Optics Express, 2021, 29, 9816.	1.7	10
4	Kerker-type Intensity Gradient Force of Light. Laser and Photonics Reviews, 2020, 14, 1900265.	4.4	20
5	Realizing optical bistability and tristability in plasmonic coated nanoparticles with radial-anisotropy and Kerr-nonlinearity. Optics Express, 2020, 28, 17384.	1.7	9
6	Enhanced broadband spin Hall effects by core-shell nanoparticles. Optics Express, 2019, 27, 4808.	1.7	15
7	Graphene-tuned optical manipulation on microparticle by Bessel beam. AIP Advances, 2019, 9, 035154.	0.6	2
8	Reconfigurable sensor and nanoantenna by graphene-tuned Fano resonance. Optics Express, 2019, 27, 35925.	1.7	19
9	Routing emission with a multi-channel nonreciprocal waveguide. Photonics Research, 2019, 7, 642.	3.4	8
10	Tunability of Multipolar Plasmon Resonances and Fano Resonances in Bimetallic Nanoshells. Plasmonics, 2018, 13, 623-630.	1.8	14
11	Enhanced Spin Hall Effect of Light in Spheres with Dual Symmetry. Laser and Photonics Reviews, 2018, 12, 1800130.	4.4	19
12	Optical manipulation from the microscale to the nanoscale: fundamentals, advances and prospects. Light: Science and Applications, 2017, 6, e17039-e17039.	7.7	441
13	Fano-enhanced pulling and pushing optical force on active plasmonic nanoparticles. Physical Review A, 2017, 96, .	1.0	35
14	Pulling cylindrical particles using a soft-nonparaxial tractor beam. Scientific Reports, 2017, 7, 652.	1.6	14
15	Non-diffractive tractor beams. , 2017, , .		0
16	Tailoring optical pulling force on gain coated nanoparticles with nonlocal effective medium theory. Optics Express, 2017, 25, 24566.	1.7	21
17	Effective nonlinear optical properties and optical bistability in composite media containing spherical particles with different sizes. Optics Express, 2016, 24, 5334.	1.7	27
18	Fano resonant Ge ₂ Sb ₂ Te ₅ nanoparticles realize switchable lateral optical force. Nanoscale, 2016, 8, 5657-5666.	2.8	28

#	ARTICLE	IF	CITATIONS
19	Enhancement of Optical Nonlinearity by Core-Shell Bimetallic Nanostructures. <i>Plasmonics</i> , 2016, 11, 183-187.	1.8	13
20	Invisible Sensors: Simultaneous Sensing and Camouflaging in Multiphysical Fields. <i>Advanced Materials</i> , 2015, 27, 7752-7758.	11.1	202
21	Ultrathin Pancharatnamâ€Berry Metasurface with Maximal Crossâ€Polarization Efficiency. <i>Advanced Materials</i> , 2015, 27, 1195-1200.	11.1	431
22	Manipulating Steady Heat Conduction by Sensu-shaped Thermal Metamaterials. <i>Scientific Reports</i> , 2015, 5, 10242.	1.6	65
23	Radiation pressure of active dispersive chiral slabs. <i>Optics Express</i> , 2015, 23, 16546.	1.7	37
24	Photon momentum transfer in inhomogeneous dielectric mixtures and induced tractor beams. <i>Light: Science and Applications</i> , 2015, 4, e278-e278.	7.7	78
25	Topological effects in anisotropy-induced nano-fano resonance of a cylinder. <i>Optics Letters</i> , 2015, 40, 4162.	1.7	17
26	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
27	Experimental Demonstration of a Bilayer Thermal Cloak. <i>Physical Review Letters</i> , 2014, 112, 054302.	2.9	456
28	Engineering light-matter interaction for emerging optical manipulation applications. <i>Nanophotonics</i> , 2014, 3, 181-201.	2.9	42
29	Macroscopic broadband optical escalator with force-loaded transformation optics. <i>Optics Express</i> , 2013, 21, 796.	1.7	5
30	Influence of spherical anisotropy on the optical properties ofâ€plasmon resonant metallic nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 673-679.	1.1	16
31	PLASMONIC RESONANT LIGHT SCATTERING BY A CYLINDER WITH RADIAL ANISOTROPY. <i>Progress in Electromagnetics Research</i> , 2010, 106, 335-347.	1.6	22
32	Goosâ€HÃnchen shift of the reflection from nonlinear nanocomposites with electric field tunability. <i>Applied Physics Letters</i> , 2010, 97, 041903.	1.5	25