

Lixin Ge

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

371
citations

687363

13
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794594

19
g-index

23
all docs

23
docs citations

23
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Toroidal dipole resonances by a sub-wavelength all-dielectric torus. <i>Optics Express</i> , 2022, 30, 7491.	3.4	8
2	Dispersion manipulation of multilayer dielectric plasmonic metasurfaces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 395, 127225.	2.1	0
3	Optical metasurface composed of multiple antennas with anti-Hermitian coupling in a single layer. <i>Optics Letters</i> , 2021, 46, 2252.	3.3	0
4	Near-field radiative heat transfer between topological insulators via surface plasmon polaritons. <i>IScience</i> , 2021, 24, 103408.	4.1	9
5	Gate-tunable Casimir equilibria with transparent conductive oxides. <i>Physical Review B</i> , 2020, 102, .	3.2	8
6	Tunable Casimir equilibria with phase change materials: From quantum trapping to its release. <i>Physical Review B</i> , 2020, 101, .	3.2	17
7	Angle-dependent optical response of the plasmonic nanoparticle clusters with rotational symmetry. <i>Optics Express</i> , 2020, 28, 10425.	3.4	4
8	Magnetically tunable multiband near-field radiative heat transfer between two graphene sheets. <i>Physical Review B</i> , 2019, 100, .	3.2	40
9	Fano resonance induced by the toroidal moment in cylindrical metallic meta-structures. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 055001.	2.2	5
10	Tunable terahertz cloaking and lasing by the optically pumped graphene wrapped on a dielectric cylinder. <i>Journal of Physics Communications</i> , 2019, 3, 035016.	1.2	3
11	Giant near-field radiative heat transfer between ultrathin metallic films. <i>Optics Express</i> , 2019, 27, 36790.	3.4	14
12	Modulation of near-field radiative heat transfer between graphene sheets by strain engineering. <i>Optics Express</i> , 2019, 27, A1109.	3.4	13
13	Toroidal dipolar response in plasmonic nanoparticle clusters. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 035106.	2.8	15
14	Control of near-field radiative heat transfer based on anisotropic 2D materials. <i>AIP Advances</i> , 2018, 8, .	1.3	40
15	Designing topological interface states in phononic crystals based on the full phase diagrams. <i>New Journal of Physics</i> , 2018, 20, 073032.	2.9	29
16	A minimal discrete model for toroidal moments and its experimental realization. <i>Physical Review B</i> , 2017, 95, .	3.2	23
17	Topological phase transition and interface states in hybrid plasmonic-photonic systems. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 06LT02.	2.2	16
18	Unidirectional scattering induced by the toroidal dipolar excitation in the system of plasmonic nanoparticles. <i>Optics Express</i> , 2017, 25, 10853.	3.4	17

#	ARTICLE	IF	CITATIONS
19	Broadband light absorption in graphene ribbons by canceling strong coupling at subwavelength scale. Optics Express, 2016, 24, 26357.	3.4	41
20	Electromagnetic scattering by spheres of topological insulators. Optics Communications, 2015, 354, 225-230.	2.1	9
21	Determination of the quantized topological magneto-electric effect in topological insulators from Rayleigh scattering. Scientific Reports, 2015, 5, 7948.	3.3	6
22	Topological edge modes in multilayer graphene systems. Optics Express, 2015, 23, 21585.	3.4	40
23	Unusual electromagnetic scattering by cylinders of topological insulator. Optics Express, 2014, 22, 30833.	3.4	14