

# Lixin Ge

## List of Publications by Year in descending order

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23  
papers

371  
citations

687363  
13  
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794594  
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23  
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docs citations

23  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband light absorption in graphene ribbons by canceling strong coupling at subwavelength scale. <i>Optics Express</i> , 2016, 24, 26357.	3.4	41
2	Topological edge modes in multilayer graphene systems. <i>Optics Express</i> , 2015, 23, 21585.	3.4	40
3	Control of near-field radiative heat transfer based on anisotropic 2D materials. <i>AIP Advances</i> , 2018, 8, .	1.3	40
4	Magnetically tunable multiband near-field radiative heat transfer between two graphene sheets. <i>Physical Review B</i> , 2019, 100, .	3.2	40
5	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
6	A minimal discrete model for toroidal moments and its experimental realization. <i>Physical Review B</i> , 2017, 95, .	3.2	23
7	Unidirectional scattering induced by the toroidal dipolar excitation in the system of plasmonic nanoparticles. <i>Optics Express</i> , 2017, 25, 10853.	3.4	17
8	Tunable Casimir equilibria with phase change materials: From quantum trapping to its release. <i>Physical Review B</i> , 2020, 101, .	3.2	17
9	Topological phase transition and interface states in hybrid plasmonic-photonic systems. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 06LT02.	2.2	16
10	Toroidal dipolar response in plasmonic nanoparticle clusters. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 035106.	2.8	15
11	Unusual electromagnetic scattering by cylinders of topological insulator. <i>Optics Express</i> , 2014, 22, 30833.	3.4	14
12	Giant near-field radiative heat transfer between ultrathin metallic films. <i>Optics Express</i> , 2019, 27, 36790.	3.4	14
13	Modulation of near-field radiative heat transfer between graphene sheets by strain engineering. <i>Optics Express</i> , 2019, 27, A1109.	3.4	13
14	Electromagnetic scattering by spheres of topological insulators. <i>Optics Communications</i> , 2015, 354, 225-230.	2.1	9
15	Near-field radiative heat transfer between topological insulators via surface plasmon polaritons. <i>IScience</i> , 2021, 24, 103408.	4.1	9
16	Gate-tunable Casimir equilibria with transparent conductive oxides. <i>Physical Review B</i> , 2020, 102, .	3.2	8
17	Toroidal dipole resonances by a sub-wavelength all-dielectric torus. <i>Optics Express</i> , 2022, 30, 7491.	3.4	8
18	Determination of the quantized topological magneto-electric effect in topological insulators from Rayleigh scattering. <i>Scientific Reports</i> , 2015, 5, 7948.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Fano resonance induced by the toroidal moment in cylindrical metallic meta-structures. Journal of Optics (United Kingdom), 2019, 21, 055001.	2.2	5
20	Angle-dependent optical response of the plasmonic nanoparticle clusters with rotational symmetry. Optics Express, 2020, 28, 10425.	3.4	4
21	Tunable terahertz cloaking and lasing by the optically pumped graphene wrapped on a dielectric cylinder. Journal of Physics Communications, 2019, 3, 035016.	1.2	3
22	Dispersion manipulation of multilayer dielectric plasmonic metasurfaces. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 395, 127225.	2.1	0
23	Optical metasurface composed of multiple antennas with anti-Hermitian coupling in a single layer. Optics Letters, 2021, 46, 2252.	3.3	0