Zhongyue Zhang

List of Publications by Year
in descending order

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47	816	759233 12	526287 27
papers	citations	h-index	g-index

48	48	48	1185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uniform Chiral Nearâ€Fields in Achiral Nanocavity Induced by Magnetic Polaritons Mode. Annalen Der Physik, 2022, 534, 2100353.	2.4	1
2	Deep learning for circular dichroism of nanohole arrays. New Journal of Physics, 2022, 24, 063005.	2.9	9
3	Circular Dichroism Induced by the Coupling between Surface Plasmon Polaritons and Localized Surface Plasmon Resonances in a Double-Layer Complementary Nanostructure. Journal of Physical Chemistry C, 2022, 126, 10159-10166.	3.1	4
4	Magnetic Field Enhanced Optical Chirality of Plasmonic Ring-disk Nanostructure. Plasmonics, 2022, 17, 1929-1938.	3.4	2
5	Double-Layer Chiral System with Induced Circular Dichroism by Near-Field Coupling. Journal of Physical Chemistry C, 2021, 125, 25851-25858.	3.1	5
6	Superhydrophobicâ€“Superhydrophilic Hybrid Surface with Highly Ordered Tip-Capped Nanopore Arrays for Surface-Enhanced Raman Scattering Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 37499-37505.	8.0	11
7	Chiral Near-Fields Induced by Plasmonic Chiral Conic Nanoshell Metallic Nanostructure for Sensitive Biomolecule Detection. Journal of Physical Chemistry C, 2020, 124, 13912-13919.	3.1	18
8	Giant circular dichroism of chiral L-shaped nanostructure coupled with achiral nanorod: anomalous behavior of multipolar and dipolar resonant modes. Nanotechnology, 2020, 31, 275205.	2.6	13
9	Effects of electric field coupling on the circular dichroism of composite nanostructures. Journal of Optics (United Kingdom), 2020, 22, 055002.	2.2	4
10	Absorption Circular Dichroism Induced by Contorted Electrical Oscillations in Rectangular Nanoholes. Plasmonics, 2020, 15, 1159-1164.	3.4	2
11	Circular dichroism of spatially complementary chiral nanostructures. Nanotechnology, 2020, 31, 445302.	2.6	4
12	Graphene-covered sandwich nanostructure for enhanced light absorption. Optical Materials, 2019, 96, 109316.	3.6	2
13	The causality of circular dichroism inducement by isotropic and anisotropic chiral molecules. Journal Physics D: Applied Physics, 2019, 52, 305306.	2.8	4
14	Asymmetric Transmission in the Planar Chiral Nanostructure Induced by Electric and Magnetic Resonance at the Same Wavelength. Annalen Der Physik, 2019, 531, 1800469.	2.4	10
15	A Bioinspired, Highly Transparent Surface with Dryâ€Style Antifogging, Antifrosting, Antifouling, and Moisture Selfâ€Cleaning Properties. Macromolecular Rapid Communications, 2019, 40, e1800708.	3.9	38
16	Facile fabrication of superhydrophobic hybrid nanotip and nanopore arrays as surface-enhanced Raman spectroscopy substrates. Applied Surface Science, 2018, 443, 138-144.	6.1	9
17	Asymmetric transmission of a planar metamaterial induced by symmetry breaking. Journal of Physics Condensed Matter, 2018, 30, 114001.	1.8	11
18	A General Mechanism for Achieving Circular Dichroism in a Chiral Plasmonic System. Annalen Der Physik, 2018, 530, 1800142.	2.4	8

#	Article	IF	Citations
19	Tunable asymmetric transmission through tilted rectangular nanohole arrays in a square lattice. Optics Express, 2018, 26, 1199.	3.4	12
20	Breaking the symmetry to manipulate the magnetic Fano resonance in double split ring/square ring structure. Materials Research Express, 2018, 5, 085004.	1.6	1
21	Ultra-Subwavelength and Low Loss in V-Shaped Hybrid Plasmonic Waveguide. Plasmonics, 2017, 12, 59-63.	3.4	11
22	Tunable Chiroptical Response of Chiral Plasmonic Nanostructures Fabricated with Chiral Templates through Oblique Angle Deposition. Journal of Physical Chemistry C, 2017, 121, 1299-1304.	3.1	31
23	Generation and Manipulation of Multiple Magnetic Fano Resonances in Split Ring-PerfectÂRing Nanostructure. Plasmonics, 2017, 12, 1613-1619.	3.4	12
24	Circular Dichroism in Planar Achiral Plasmonic L-Shaped Nanostructure Arrays. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	14
25	Dielectric tuned circular dichroism of L-shaped plasmonic metasurface. Journal Physics D: Applied Physics, 2017, 50, 504001.	2.8	8
26	Synthesis of Largeâ€Size 1Tâ€² ReS₂_xSe_{2(1â^'}_x₎ Alloy Monolayer with Tunable Bandgap and Carrier Type. Advanced Materials, 2017, 29, 1705015.	21.0	107
27	Tunable Circular Dichroism of Achiral Graphene Plasmonic Structures. Plasmonics, 2017, 12, 829-833.	3.4	16
28	Converting surface plasmon polaritons into spatial bending beams through graded dielectric rectangles over metal film. Optics Communications, 2017, 383, 423-429.	2.1	7
29	Giant circular dichroism induced by tunable resonance in twisted Z-shaped nanostructure. Optics Express, 2017, 25, 5480.	3.4	58
30	Active control of optical chirality with graphene-based achiral nanorings. Optics Express, 2017, 25, 24623.	3.4	8
31	Asymmetric transmission of obliquely intersecting nanoslit arrays in a gold film. Applied Optics, 2017, 56, 5781.	1.8	4
32	Circular dichroism of a tilted U-shaped nanostructure. Optics Letters, 2017, 42, 2842.	3.3	26
33	Chiral near-fields around chiral dolmen nanostructure. Journal Physics D: Applied Physics, 2017, 50, 474004.	2.8	6
34	Telluriumâ€Assisted Epitaxial Growth of Largeâ€Area, Highly Crystalline ReS₂ Atomic Layers on Mica Substrate. Advanced Materials, 2016, 28, 5019-5024.	21.0	169
35	Co-occurrence of circular dichroism and asymmetric transmission in twist nanoslit-nanorod Arrays. Optics Express, 2016, 24, 16425.	3.4	31
36	Atomic Layers: Tellurium-Assisted Epitaxial Growth of Large-Area, Highly Crystalline ReS2 Atomic Layers on Mica Substrate (Adv. Mater. 25/2016). Advanced Materials, 2016, 28, 5018-5018.	21.0	5

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37	Plasmonic chirality of L-shaped nanostructure composed of two slices with different thickness. Optics Express, 2016, 24, 2307.	3.4	53
38	Broad Band-Pass and Band-Stop Transmissions Through the Hybrid Gratings of Rectangle and Triangle. Journal of Lightwave Technology, 2016, 34, 1350-1353.	4.6	0
39	Transmission characteristics of surface plasmon polaritons through a metallic rectangle above a metallic film. Journal of Modern Optics, 2016, 63, 411-416.	1.3	1
40	Broadband Extraordinary Optical Transmission Through a Multilayer Structure With a Periodic Nanoslit Array. IEEE Photonics Journal, 2015, 7, 1-8.	2.0	8
41	Extraordinary Optical Transmission of Broadband Through Tapered Multilayer Slits. Plasmonics, 2015, 10, 547-551.	3.4	10
42	Transmission properties of periodically patterned triangular prisms. Photonics and Nanostructures - Fundamentals and Applications, 2014, 12, 508-514.	2.0	0
43	Manipulating Surface Plasmon Polaritons Using F-Shaped Nanoslits Array. IEEE Photonics Technology Letters, 2014, 26, 1247-1250.	2.5	7
44	Extraordinary Optical Transmission Property of X-Shaped Plasmonic Nanohole Arrays. Plasmonics, 2014, 9, 203-207.	3.4	40
45	Synthesis of Ag-SiO2 composite nanospheres and their catalytic activity. Science China Chemistry, 2014, 57, 881-887.	8.2	13
46	Enhancing the electric fields around the nanorods by using metal grooves. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1763-1768.	5.1	2
47	Enhanced circular dichroism of cantilevered nanostructures by distorted plasmon. Optics Express, 0, , .	3.4	1