

Jin Xiang

List of Publications by Year in descending order

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43
papers

1,209
citations

516710

16
h-index

377865

34
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43
all docs

43
docs citations

43
times ranked

1358
citing authors

#	ARTICLE	IF	CITATIONS
1	High- Q Quasibound States in the Continuum for Nonlinear Metasurfaces. <i>Physical Review Letters</i> , 2019, 123, 253901.	7.8	419
2	Lighting up silicon nanoparticles with Mie resonances. <i>Nature Communications</i> , 2018, 9, 2964.	12.8	103
3	How does estrogen work on autophagy?. <i>Autophagy</i> , 2019, 15, 197-211.	9.1	68
4	Procyanidin B2 attenuates neurological deficits and blood-brain barrier disruption in a rat model of cerebral ischemia. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1930-1941.	3.3	53
5	Gluconeogenic enzyme PCK1 deficiency promotes CHK2 O-GlcNAcylation and hepatocellular carcinoma growth upon glucose deprivation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	51
6	Hot-Electron Intraband Luminescence from GaAs Nanospheres Mediated by Magnetic Dipole Resonances. <i>Nano Letters</i> , 2017, 17, 4853-4859.	9.1	41
7	Tailoring the spatial localization of bound state in the continuum in plasmonic-dielectric hybrid system. <i>Nanophotonics</i> , 2020, 9, 133-142.	6.0	39
8	Tramiprosate protects neurons against ischemic stroke by disrupting the interaction between PSD95 and nNOS. <i>Neuropharmacology</i> , 2014, 83, 107-117.	4.1	35
9	All-silicon-based nano-antennas for wavelength and polarization demultiplexing. <i>Optics Express</i> , 2018, 26, 12344.	3.4	30
10	Manipulating the Orientations of the Electric and Magnetic Dipoles Induced in Silicon Nanoparticles for Multicolor Display. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800032.	8.7	29
11	Polarization beam splitters, converters and analyzers based on a metasurface composed of regularly arranged silicon nanospheres with controllable coupling strength. <i>Optics Express</i> , 2016, 24, 11420.	3.4	26
12	Crystalline Silicon White Light Sources Driven by Optical Resonances. <i>Nano Letters</i> , 2021, 21, 2397-2405.	9.1	21
13	Radiation of the high-order plasmonic modes of large gold nanospheres excited by surface plasmon polaritons. <i>Nanoscale</i> , 2018, 10, 9153-9163.	5.6	20
14	Liquid Gallium Nanospheres Emitting White Light. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800214.	8.7	20
15	Optically Controlled Quantum Size Effect in a Hybrid Nanocavity Composed of a Perovskite Nanoparticle and a Thin Gold Film. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000480.	8.7	20
16	Sesterterpene MHO7 suppresses breast cancer cells as a novel estrogen receptor degrader. <i>Pharmacological Research</i> , 2019, 146, 104294.	7.1	18
17	Nanoscale Optical Display and Sensing Based on the Modification of Fano Lineshape. <i>Advanced Optical Materials</i> , 2020, 8, 2000489.	7.3	18
18	Modifying Mie Resonances and Carrier Dynamics of Silicon Nanoparticles by Dense Electron-Hole Plasmas. <i>Physical Review Applied</i> , 2020, 13, .	3.8	16

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19	Controllable Formation of Luminescent Carbon Quantum Dots Mediated by the Fano Resonances Formed in Oligomers of Gold Nanoparticles. <i>Advanced Materials</i> , 2019, 31, e1901371.	21.0	15
20	Ultraviolet second harmonic generation from Mie-resonant lithium niobate nanospheres. <i>Nanophotonics</i> , 2021, 10, 4273-4278.	6.0	15
21	Hot luminescence from gold nanoflowers and its application in high-density optical data storage. <i>Optics Express</i> , 2017, 25, 9262.	3.4	13
22	Randomly Distributed Plasmonic Hot Spots for Multilevel Optical Storage. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15652-15658.	3.1	13
23	Mapping the Magnetic Field Intensity of Light with the Nonlinear Optical Emission of a Silicon Nanoparticle. <i>Nano Letters</i> , 2021, 21, 2453-2460.	9.1	13
24	Angle-based wavefront sensing enabled by the near fields of flat optics. <i>Nature Communications</i> , 2021, 12, 6002.	12.8	13
25	Highly efficient nonlinear optical emission from a subwavelength crystalline silicon cuboid mediated by supercavity mode. <i>Nature Communications</i> , 2022, 13, 2749.	12.8	12
26	Magnetic Fano resonance of heterodimer nanostructure by azimuthally polarized excitation. <i>Optics Express</i> , 2017, 25, 26704.	3.4	11
27	Broadband zero backward scattering by all-dielectric core-shell nanoparticles. <i>Optics Express</i> , 2018, 26, 28891.	3.4	11
28	Physiological and Proteomic Analyses of Molybdenum- and Ethylene-Responsive Mechanisms in Rubber Latex. <i>Frontiers in Plant Science</i> , 2018, 9, 621.	3.6	9
29	Proteomic Landscape Has Revealed Small Rubber Particles Are Crucial Rubber Biosynthetic Machines for Ethylene-Stimulation in Natural Rubber Production. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5082.	4.1	9
30	The Mechanism of Dehydrating Bimodules in <i>trans</i> - ϵ -Acyltransferase Polyketide Biosynthesis: A Showcase Study on Hepatoprotective Hangtaimycin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19139-19143.	13.8	7
31	The effects of estrogen on targeted cancer therapy drugs. <i>Pharmacological Research</i> , 2022, 177, 106131.	7.1	7
32	Regulating disordered plasmonic nanoparticles into polarization sensitive metasurfaces. <i>Nanophotonics</i> , 2021, 10, 1553-1563.	6.0	6
33	Efficient White Light Emission from Ga/Ga ₂ O ₃ Hybrid Nanoparticles. <i>Advanced Optical Materials</i> , 2021, 9, 2100675.	7.3	6
34	rBm \pm TX14 Increases the Life Span and Promotes the Locomotion of <i>Caenorhabditis Elegans</i> . <i>PLoS ONE</i> , 2016, 11, e0161847.	2.5	5
35	Two-dimensional closely-packed gold nanoislands: A platform for optical data storage and carbon dot generation. <i>Applied Surface Science</i> , 2021, 555, 149586.	6.1	5
36	Multipole Radiations from Large Gold Nanospheres Excited by Evanescent Wave. <i>Nanomaterials</i> , 2019, 9, 175.	4.1	4

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37	Magnetic plasmons induced in a dielectric-metal heterostructure by optical magnetism. <i>Nanophotonics</i> , 2021, 10, 2639-2649.	6.0	3
38	Berberine Inhibits MDA-MB-231 Cells as an Agonist of G Protein-Coupled Estrogen Receptor 1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11466.	4.1	3
39	Ultrathin conductive coating effects on the magnetic and electric resonances of silicon nanoparticles. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 653.	2.1	2
40	Magnetic Fano resonance in silicon concentric nanoring resonator dimers under azimuthally polarized beam excitation. <i>Optics Communications</i> , 2018, 428, 47-52.	2.1	0
41	Der Mechanismus von dehydatisierenden Bimodulen in der trans α -Acyltransferase-Polketidbiosynthese: Eine Modellstudie am hepatoprotektiven Hangtaimycin. <i>Angewandte Chemie</i> , 2021, 133, 19288-19292.	2.0	0
42	Ultrathin linear polarizer based on crystalline silicon metasurfaces at visible wavelength. , 2017, , .		0
43	Visible light broadband absorber based on silicon nano-resonators. , 2018, , .		0