

Jin Xiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7610683/publications.pdf>

Version: 2024-02-01

43
papers

1,209
citations

516710

16
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

1358
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of estrogen on targeted cancer therapy drugs. <i>Pharmacological Research</i> , 2022, 177, 106131.	7.1	7
2	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
3	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
4	Regulating disordered plasmonic nanoparticles into polarization sensitive metasurfaces. <i>Nanophotonics</i> , 2021, 10, 1553-1563.	6.0	6
5	Crystalline Silicon White Light Sources Driven by Optical Resonances. <i>Nano Letters</i> , 2021, 21, 2397-2405.	9.1	21
6	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
7	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
8	The Mechanism of Dehydrating Bimodules in <i>trans</i> -Acyltransferase Polyketide Biosynthesis: A Showcase Study on Hepatoprotective Hangtaimycin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19139-19143.	13.8	7
9	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
10	Der Mechanismus von dehydatisierenden Bimodulen in der <i>trans</i> -Acyltransferase-Polyketidbiosynthese: Eine Modellstudie am hepatoprotektiven Hangtaimycin. <i>Angewandte Chemie</i> , 2021, 133, 19288-19292.	2.0	0
11	Magnetic plasmons induced in a dielectric-metal heterostructure by optical magnetism. <i>Nanophotonics</i> , 2021, 10, 2639-2649.	6.0	3
12	Efficient White Light Emission from Ga/Ga ₂ O ₃ Hybrid Nanoparticles. <i>Advanced Optical Materials</i> , 2021, 9, 2100675.	7.3	6
13	Ultraviolet second harmonic generation from Mie-resonant lithium niobate nanospheres. <i>Nanophotonics</i> , 2021, 10, 4273-4278.	6.0	15
14	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
15	Angle-based wavefront sensing enabled by the near fields of flat optics. <i>Nature Communications</i> , 2021, 12, 6002.	12.8	13
16	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
17	Modifying Mie Resonances and Carrier Dynamics of Silicon Nanoparticles by Dense Electron-Hole Plasmas. <i>Physical Review Applied</i> , 2020, 13, .	3.8	16
18	Nanoscale Optical Display and Sensing Based on the Modification of Fano Lineshape. <i>Advanced Optical Materials</i> , 2020, 8, 2000489.	7.3	18

#	ARTICLE	IF	CITATIONS
19	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
20	Sesterterpene MHO7 suppresses breast cancer cells as a novel estrogen receptor degrader. <i>Pharmacological Research</i> , 2019, 146, 104294.	7.1	18
21	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
22	Liquid Gallium Nanospheres Emitting White Light. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800214.	8.7	20
23	Multipole Radiations from Large Gold Nanospheres Excited by Evanescent Wave. <i>Nanomaterials</i> , 2019, 9, 175.	4.1	4
24	High- Q Quasibound States in the Continuum for Nonlinear Metasurfaces. <i>Physical Review Letters</i> , 2019, 123, 253901.	7.8	419
25	How does estrogen work on autophagy?. <i>Autophagy</i> , 2019, 15, 197-211.	9.1	68
26	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
27	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
28	Broadband zero backward scattering by all-dielectric core-shell nanoparticles. <i>Optics Express</i> , 2018, 26, 28891.	3.4	11
29	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
30	All-silicon-based nano-antennas for wavelength and polarization demultiplexing. <i>Optics Express</i> , 2018, 26, 12344.	3.4	30
31	Lighting up silicon nanoparticles with Mie resonances. <i>Nature Communications</i> , 2018, 9, 2964.	12.8	103
32	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
33	Randomly Distributed Plasmonic Hot Spots for Multilevel Optical Storage. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15652-15658.	3.1	13
34	Visible light broadband absorber based on silicon nano-resonators. , 2018, , .		0
35	Hot-Electron Intraband Luminescence from GaAs Nanospheres Mediated by Magnetic Dipole Resonances. <i>Nano Letters</i> , 2017, 17, 4853-4859.	9.1	41
36	Hot luminescence from gold nanoflowers and its application in high-density optical data storage. <i>Optics Express</i> , 2017, 25, 9262.	3.4	13

#	ARTICLE	IF	CITATIONS
37	Magnetic Fano resonance of heterodimer nanostructure by azimuthally polarized excitation. Optics Express, 2017, 25, 26704.	3.4	11
38	Ultrathin conductive coating effects on the magnetic and electric resonances of silicon nanoparticles. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 653.	2.1	2
39	Ultrathin linear polarizer based on crystalline silicon metasurfaces at visible wavelength. , 2017, , .		0
40	rBm14 Increases the Life Span and Promotes the Locomotion of Caenorhabditis Elegans. PLoS ONE, 2016, 11, e0161847.	2.5	5
41	Polarization beam splitters, converters and analyzers based on a metasurface composed of regularly arranged silicon nanospheres with controllable coupling strength. Optics Express, 2016, 24, 11420.	3.4	26
42	Procyanidin B2 attenuates neurological deficits and blood-brain barrier disruption in a rat model of cerebral ischemia. Molecular Nutrition and Food Research, 2015, 59, 1930-1941.	3.3	53
43	Tramiprosate protects neurons against ischemic stroke by disrupting the interaction between PSD95 and nNOS. Neuropharmacology, 2014, 83, 107-117.	4.1	35