

Fei Ye

List of Publications by Year in descending order

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39
papers

1,995
citations

394421

19
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

4046
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable extraction of hazardous metals from crystal glass waste using biodegradable chelating agents. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 692.	3.0	0
2	Prediction of heterogeneous Fenton process in treatment of melanoidin-containing wastewater using data-based models. <i>Journal of Environmental Management</i> , 2022, 307, 114518.	7.8	22
3	Large-Sized Nanocrystalline Ultrathin In^{2+} -Ga 2O_3 Membranes Fabricated by Surface Charge Lithography. <i>Nanomaterials</i> , 2022, 12, 689.	4.1	0
4	Ruthenium containing molecular electrocatalyst on glassy carbon for electrochemical water splitting. <i>Dalton Transactions</i> , 2022, 51, 7957-7965.	3.3	6
5	Nano zero-valent iron on activated carbon cloth support as Fenton-like catalyst for efficient color and COD removal from melanoidin wastewater. <i>Chemosphere</i> , 2021, 263, 127945.	8.2	79
6	Efficient and low-energy mechanochemical extraction of lead from dumped crystal glass waste. <i>Environmental Chemistry Letters</i> , 2021, 19, 1879-1885.	16.2	6
7	Chitosan Nanocomposite Coatings Containing Chemically Resistant ZnO@SnO $_x$ Core-shell Nanoparticles for Photocatalytic Antifouling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4513.	4.1	26
8	Solar selective reflector materials: Another option for enhancing the efficiency of the high-temperature solar receivers/reactors. <i>Solar Energy Materials and Solar Cells</i> , 2021, 224, 110995.	6.2	12
9	A New High-Temperature Durable Absorber Material Solution through a Spinel-Type High Solar Absorptivity Coating on Ti $_{2-x}$ Al $_x$ MAX Phase Material. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45008-45017.	8.0	11
10	Nanocoating Is a New Way for Biofouling Prevention. <i>Frontiers in Nanotechnology</i> , 2021, 3, .	4.8	13
11	Synthesis of hierarchically porous silica aerogel supported Palladium catalyst for low-temperature CO oxidation under ignition/extinction conditions. <i>Microporous and Mesoporous Materials</i> , 2020, 292, 109758.	4.4	33
12	Chitosan nanocomposite coatings with enhanced corrosion inhibition effects for copper. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1566-1577.	7.5	28
13	Multimodal Imaging of Pancreatic Ductal Adenocarcinoma Using Multifunctional Nanoparticles as Contrast Agents. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53665-53681.	8.0	19
14	The effects of ZnO nanostructures of different morphology on bioenergetics and stress response biomarkers of the blue mussels <i>Mytilus edulis</i> . <i>Science of the Total Environment</i> , 2019, 694, 133717.	8.0	38
15	Chitosan Nanocomposite Coatings for Food, Paints, and Water Treatment Applications. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2409.	2.5	113
16	Enhanced Visible Light Photodegradation of Microplastic Fragments with Plasmonic Platinum/Zinc Oxide Nanorod Photocatalysts. <i>Catalysts</i> , 2019, 9, 819.	3.5	125
17	Extracellular Albumin Covalently Sequesters Selenocompounds and Determines Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4734.	4.1	5
18	Advances in nanotechnology for cancer biomarkers. <i>Nano Today</i> , 2018, 18, 103-123.	11.9	86

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19	Engineered PMMA-ZnO nanocomposites for improving the electric arc interruption capability in electrical switching applications: Unprecedented experimental insights. <i>Composites Science and Technology</i> , 2017, 141, 113-119.	7.8	13
20	Importance of the surface chemistry of nanoparticles on peroxidase-like activity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 15-18.	2.1	16
21	On the electrical arc interruption by using PMMA/iron oxide nanocomposites. <i>Materials Research Express</i> , 2016, 3, 105043.	1.6	2
22	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. <i>Journal of Nanobiotechnology</i> , 2016, 14, 82.	9.1	28
23	Improving UV Radiation Absorption by Copper Oxide NPs/PMMA Nanocomposites for Electrical Switching Applications. <i>Powder Metallurgy and Metal Ceramics</i> , 2015, 54, 397-401.	0.8	6
24	Optimization of optical gain in composite materials containing Rh6G dye and gold nanoparticles. , 2015, , .		1
25	Biodegradable polymeric vesicles containing magnetic nanoparticles, quantum dots and anticancer drugs for drug delivery and imaging. <i>Biomaterials</i> , 2014, 35, 3885-3894.	11.4	201
26	Light absorber based on nano-spheres on a substrate reflector. <i>Optics Express</i> , 2013, 21, 6697.	3.4	38
27	Thermostable Luciferase from <i>Luciola cruciate</i> for Imaging of Carbon Nanotubes and Carbon Nanotubes Carrying Doxorubicin Using in Vivo Imaging System. <i>Nano Letters</i> , 2013, 13, 1393-1398.	9.1	32
28	Efficient Inkjet Printing of Graphene. <i>Advanced Materials</i> , 2013, 25, 3985-3992.	21.0	425
29	Biodegradation of Single-Walled Carbon Nanotubes by Eosinophil Peroxidase. <i>Small</i> , 2013, 9, 2721-2729.	10.0	171
30	Biodistribution, kinetics, and biological fate of SPION microbubbles in the rat. <i>International Journal of Nanomedicine</i> , 2013, 8, 3241.	6.7	32
31	Photostability of lasing process from water solution of Rhodamine 6G with gold nanoparticles. <i>Optics Letters</i> , 2012, 37, 34.	3.3	16
32	Lasing From Water Solution of Rhodamine 6G/Gold Nanoparticles: Impact of SiO_2 -Coating on Metal Surface. <i>IEEE Journal of Quantum Electronics</i> , 2012, 48, 1220-1226.	1.9	8
33	Uniform mesoporous silica coated iron oxide nanoparticles as a highly efficient, nontoxic MRI contrast agent with tunable proton relaxivities. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 460-468.	0.8	113
34	A simple route towards high-concentration surfactant-free graphene dispersions. <i>Carbon</i> , 2012, 50, 3113-3116.	10.3	45
35	Synthesis of high aspect ratio gold nanorods and their effects on human antigen presenting dendritic cells. <i>International Journal of Nanotechnology</i> , 2011, 8, 631.	0.2	7
36	Efficient internalization of silica-coated iron oxide nanoparticles of different sizes by primary human macrophages and dendritic cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 81-93.	2.8	172

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37	Multifunctional core-shell nanoparticles: superparamagnetic, mesoporous, and thermosensitive. Journal of Nanoparticle Research, 2011, 13, 6157-6167.	1.9	22
38	Polymeric/Inorganic Multifunctional Nanoparticles for Simultaneous Drug Delivery and Visualization. Materials Research Society Symposia Proceedings, 2010, 1257, 1.	0.1	3
39	A novel back-side light-trapping structure for thin silicon solar cells. Journal of the European Optical Society-Rapid Publications, 0, 6, .	1.9	22