

# Hong Yin

## List of Publications by Year in descending order

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44  
papers

1,943  
citations

257101

24  
h-index

253896

43  
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45  
all docs

45  
docs citations

45  
times ranked

3035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Dot Therapeutic Platforms: Administration, Distribution, Metabolism, Excretion, Toxicity, and Therapeutic Potential. <i>Small</i> , 2022, 18, e2106342.	5.2	75
2	Hazard profiling of a combinatorial library of zinc oxide nanoparticles: Ameliorating light and dark toxicity through surface passivation. <i>Journal of Hazardous Materials</i> , 2022, 434, 128825.	6.5	11
3	Review on different testing methods and factors affecting fracture properties of fiber reinforced cementitious composites. <i>Construction and Building Materials</i> , 2021, 273, 121766.	3.2	65
4	Fluorescent Magnesium Hydroxide Nanosheet Bandages with Tailored Properties for Biocompatible Antimicrobial Wound Dressings and pH Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27904-27919.	4.0	32
5	Durable Antibacterial and Antifungal Hierarchical Silver-Embedded Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td Materials, 2021, 3, 4256-4263.	2.0	10
6	A Liquid Metal Mediated Metallic Coating for Antimicrobial and Antiviral Fabrics. <i>Advanced Materials</i> , 2021, 33, e2104298.	11.1	84
7	Effects of freeze-thaw damage on fracture properties and microstructure of hybrid fibers reinforced cementitious composites containing calcium carbonate whisker. <i>Construction and Building Materials</i> , 2021, 300, 123872.	3.2	18
8	Microstructural and mechanical evolutions of sustainable cement blends containing fly ash and calcium carbonate whiskers induced by high temperature. <i>Construction and Building Materials</i> , 2020, 263, 120615.	3.2	5
9	Quantum dot (QD)-based probes for multiplexed determination of heavy metal ions. <i>Mikrochimica Acta</i> , 2020, 187, 336.	2.5	50
10	Exposure, assessment and health hazards of particulate matter in metal additive manufacturing: A review. <i>Chemosphere</i> , 2020, 259, 127452.	4.2	36
11	Corrosion resistance of itaconic acid doped polyaniline /nanographene oxide composite coating. <i>Nanotechnology</i> , 2020, 31, 285704.	1.3	7
12	Effects of high temperature and post-fire-curing on compressive strength and microstructure of calcium carbonate whisker-fly ash-cement system. <i>Construction and Building Materials</i> , 2020, 244, 118333.	3.2	26
13	Role of Autophagy in Zinc Oxide Nanoparticles-Induced Apoptosis of Mouse LEYDIG Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4042.	1.8	61
14	Comparative roles between aragonite and calcite calcium carbonate whiskers in the hydration and strength of cement paste. <i>Cement and Concrete Composites</i> , 2019, 104, 103350.	4.6	94
15	Microstructure of calcium carbonate whisker reinforced cement paste after elevated temperature exposure. <i>Construction and Building Materials</i> , 2019, 227, 116609.	3.2	36
16	New strategy of improving the dispersibility of acrylamide-functionalized graphene oxide in aqueous solution by RAFT copolymerization of acrylamide and acrylic acid. <i>European Polymer Journal</i> , 2019, 117, 148-158.	2.6	22
17	Effects of CaCO <sub>3</sub> whisker, hybrid fiber content and size on uniaxial compressive behavior of cementitious composites. <i>Structural Concrete</i> , 2019, 20, 506-518.	1.5	28
18	Microstructure and Strength of Calcium Carbonate (CaCO <sub>3</sub> ) Whisker Reinforced Cement Paste After Exposed to High Temperatures. <i>Fire Technology</i> , 2019, 55, 1983-2003.	1.5	32

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19	Influence of high temperature on strength, ultrasonic velocity and mass loss of calcium carbonate whisker reinforced cement paste. <i>Composites Part B: Engineering</i> , 2019, 163, 438-446.	5.9	59
20	Human plasma proteome association and cytotoxicity of nano-graphene oxide grafted with stealth polyethylene glycol and poly(2-ethyl-2-oxazoline). <i>Nanoscale</i> , 2018, 10, 10863-10875.	2.8	42
21	Ultrasensitive and Selective Detection of Cd(II) Using ZnSe@Xanthan Gum Complex/CNT Modified Electrodes. <i>Electroanalysis</i> , 2018, 30, 877-885.	1.5	8
22	Novel composite films of polysaccharides and glutathione capped zinc selenide (GSH@ZnSe) quantum dots for detection of Cd <sup>2+</sup> and Cu <sup>2+</sup> . <i>New Journal of Chemistry</i> , 2018, 42, 4871-4880.	1.4	13
23	Carboxymethyl chitosan based nanocomposites containing chemically bonded quantum dots and magnetic nanoparticles. <i>Applied Surface Science</i> , 2018, 433, 188-196.	3.1	10
24	Triethylenetetramine/hydroxyethyl cellulose-functionalized graphene oxide monoliths for the removal of copper and arsenate ions. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 381-395.	2.8	21
25	Nitrogen-doped graphene oxide monoliths crosslinked by short chain aliphatic amines. <i>Journal of Hazardous Materials</i> , 2018, 357, 100-108.	6.5	20
26	Corrosion Protection Properties and Mechanism of Epoxy/Acetic Acid-Doped Polyaniline Coating on Magnesium Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4992-5000.	0.9	14
27	Chitosan-based magnetic/fluorescent nanocomposites for cell labelling and controlled drug release. <i>New Journal of Chemistry</i> , 2017, 41, 1736-1743.	1.4	37
28	Complete transformation of ZnO and CuO nanoparticles in culture medium and lymphocyte cells during toxicity testing. <i>Nanotoxicology</i> , 2017, 11, 150-156.	1.6	23
29	Perovskite and Organic Solar Cells Fabricated by Inkjet Printing: Progress and Prospects. <i>Advanced Functional Materials</i> , 2017, 27, 1703704.	7.8	149
30	An Experimental and Computational Approach to the Development of ZnO Nanoparticles that are Safe by Design. <i>Small</i> , 2016, 12, 3568-3577.	5.2	56
31	Size-dependent cytotoxicity and genotoxicity of ZnO particles to human lymphoblastoid (WIL2RS) cells. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 767-776.	0.9	30
32	Effects of aspect ratio (AR) and specific surface area (SSA) on cytotoxicity and phototoxicity of ZnO nanomaterials. <i>Chemosphere</i> , 2015, 124, 116-121.	4.2	25
33	A comparative study of the physical and chemical properties of nano-sized ZnO particles from multiple batches of three commercial products. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	23
34	Reducing the cytotoxicity of ZnO nanoparticles by a pre-formed protein corona in a supplemented cell culture medium. <i>RSC Advances</i> , 2015, 5, 73963-73973.	1.7	80
35	Thermostability and reversibility of silver nanoparticle-protein binding. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1728-1739.	1.3	30
36	ZnO nanorod composite with quenched photoactivity for UV protection application. <i>Materials Letters</i> , 2014, 121, 8-11.	1.3	20

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37	Effects of iron or manganese doping of ZnO nanoparticles on their dissolution, ROS generation and cytotoxicity. RSC Advances, 2014, 4, 26149-26157.	1.7	37
38	A comparative interlaboratory study on photocatalytic activity of commercial ZnO and CeO <sub>2</sub> nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	7
39	Nanocrystalline Nickel Ferrite Particles Synthesized by Non-Hydrolytic Sol-Gel Method and Their Composite with Biodegradable Polymer. Journal of Nanoscience and Nanotechnology, 2012, 12, 8431-8436.	0.9	1
40	Synthesis and properties of poly(D,L-lactide) drug carrier with maghemite nanoparticles. Materials Science and Engineering C, 2010, 30, 618-623.	3.8	13
41	Surface Modifications of ZnO Nanoparticles and Their Cytotoxicity. Journal of Nanoscience and Nanotechnology, 2010, 10, 7565-7570.	0.9	56
42	Effects of Surface Chemistry on Cytotoxicity, Genotoxicity, and the Generation of Reactive Oxygen Species Induced by ZnO Nanoparticles. Langmuir, 2010, 26, 15399-15408.	1.6	212
43	Nonhydrolytic sol-gel synthesis: Microstructural and morphological study on nickel ferrite nanocrystals coated with oleic acid. Journal of Materials Research, 2008, 23, 1922-1930.	1.2	6
44	The effects of particle size and surface coating on the cytotoxicity of nickel ferrite. Biomaterials, 2005, 26, 5818-5826.	5.7	256