

Xiao Huang

List of Publications by Year in descending order

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papers

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docs citations

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1036
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#	ARTICLE	IF	CITATIONS
1	Asymmetric Strecker Reaction of Ketoimines Catalyzed by a Novel Chiral Bifunctional N,N'-Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2579-2584.	4.3	81
2	Enantioselective Cyanosilylation of Ketones Catalyzed by a Nitrogen-Containing Bifunctional Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 538-544.	4.3	74
3	ZnO-based nanocarriers for drug delivery application: From passive to smart strategies. <i>International Journal of Pharmaceutics</i> , 2017, 534, 190-194.	5.2	74
4	A Chiral Functionalized Salt-Catalyzed Asymmetric Michael Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2156-2166.	4.3	65
5	Asymmetric Ring Opening of <i>meso</i> -Epoxides with Aromatic Amines Catalyzed by a New Proline-Based N,N'-Dioxide-Indium Tris(triflate) Complex. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 385-390.	4.3	59
6	Magnetic Fe ₃ O ₄ nanoparticles grafted with single-chain antibody (scFv) and docetaxel loaded β -cyclodextrin potential for ovarian cancer dual-targeting therapy. <i>Materials Science and Engineering C</i> , 2014, 42, 325-332.	7.3	48
7	Nanoscale ZnO-based photosensitizers for photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101694.	2.6	48
8	Tuning Coal into Graphene-Like Nanocarbon for Electrochemical H ₂ O ₂ Production with Nearly 100% Faraday Efficiency. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9369-9375.	6.7	37
9	UVA Irradiation Enhances Brusatol-Mediated Inhibition of Melanoma Growth by Downregulation of the Nrf2-Mediated Antioxidant Response. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	35
10	Investigation of MXenes as oxygen reduction electrocatalyst for selective H ₂ O ₂ generation. <i>Nano Research</i> , 2022, 15, 3927-3932.	10.4	30
11	UV and dark-triggered repetitive release and encapsulation of benzophenone-3 from biocompatible ZnO nanoparticles potential for skin protection. <i>Nanoscale</i> , 2013, 5, 5596.	5.6	26
12	On-demand drug release and re-absorption from pirarubicin loaded Fe ₃ O ₄ @ZnO core-shell nanoparticles for targeting infusion chemotherapy for urethral carcinoma. <i>Materials Express</i> , 2019, 9, 467-474.	0.5	24
13	Nrf2- and Bach1 May Play a Role in the Modulation of Ultraviolet A-Induced Oxidative Stress by Acetyl-11-Keto- β -Boswellic Acid in Skin Keratinocytes. <i>Skin Pharmacology and Physiology</i> , 2017, 30, 13-23.	2.5	23
14	Fe ₃ O ₄ @ZnO core-shell nanocomposites for efficient and repetitive removal of low density lipoprotein in plasma and on blood vessel. <i>Nanotechnology</i> , 2015, 26, 125101.	2.6	22
15	Coupling Co-Ni-C with MXenes Yields Highly Efficient Catalysts for H ₂ O ₂ Production in Acidic Media. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11350-11358.	8.0	19
16	Targeted drug delivery systems for bladder cancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101535.	3.0	17
17	Pulsed Vacuum Drying of Pepper (<i>Capsicum annum</i> L.): Effect of High-Humidity Hot Air Impingement Blanching Pretreatment on Drying Kinetics and Quality Attributes. <i>Foods</i> , 2022, 11, 318.	4.3	16
18	Effect of alcohol pretreatment in conjunction with atmospheric pressure plasmas on hydrophobizing ramie fiber surfaces. <i>Journal of Adhesion Science and Technology</i> , 2013, 27, 1278-1288.	2.6	12

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19	Protective Effects of Moderate Ca Supplementation against Cd-Induced Bone Damage under Different Population-Relevant Doses in Young Female Rats. <i>Nutrients</i> , 2019, 11, 849.	4.1	10
20	P(BA-co-HBA) Coated Fe ₃ O ₄ @ZnO Nanoparticles as Photo-Responsive Multifunctional Drug Delivery Systems for Safer Cancer Therapy. <i>Nano</i> , 2016, 11, 1650057.	1.0	8
21	UV-responsive AKBA@ZnO nanoparticles potential for polymorphous light eruption protection and therapy. <i>Materials Science and Engineering C</i> , 2020, 107, 110254.	7.3	8
22	Smart Eryc@mZnO Nanoparticles with Enhanced Antibacterial Activity Under Ultraviolet and Prolonged Antibacterial Activity Without Ultraviolet. <i>Nanoscience and Nanotechnology Letters</i> , 2018, 10, 1572-1577.	0.4	8
23	A biocompatible and magnetic nanocarrier with a safe UV-initiated docetaxel release and cancer secretion removal properties increases therapeutic potential for skin cancer. <i>Materials Science and Engineering C</i> , 2017, 76, 579-585.	7.3	7
24	Theoretical study on the sequential reduction and oxidation mechanism for tetrabromobisphenol A degradation under photocatalytic UV/Fenton conditions. <i>Theoretical Chemistry Accounts</i> , 2015, 134, 1.	1.4	6
25	Docetaxel grafted magnetic nanoparticles as dual-therapeutic agentia for targeting perfusion therapy of urethral carcinoma. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	5
26	Transdermal BQ-788/EA@ZnO quantum dots as targeting and smart tyrosinase inhibitors in melanocytes. <i>Materials Science and Engineering C</i> , 2019, 102, 45-52.	7.3	4
27	Hybrid Cell Structure for Wideband CMUT: Design Method and Characteristic Analysis. <i>Micromachines</i> , 2021, 12, 1180.	2.9	4
28	Theoretical study on catalyzed selective photoreduction mechanism for 4-bromobenzaldehyde in two different solvents. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19997-20005.	2.8	2
29	Covalent-driven Layer-by-layer Self-assembly of Clindamycin-loaded PPLA Nanoparticles/chitosan Membrane on Titanium Sheet for Longacting Anti-infection. <i>Current Nanoscience</i> , 2021, 17, 789-795.	1.2	2
30	Two contradictory facades of <i>N</i> -acetylcysteine activity towards renal carcinoma cells. <i>Journal of Taibah University for Science</i> , 2022, 16, 423-431.	2.5	2
31	Biocompatible chitosan-modified core-shell Fe ₃ O ₄ nanocomposites for exigent removal of blood lactic acid. <i>Nano Express</i> , 2020, 1, 010055.	2.4	1
32	Research on Novel CMUTs for Detecting Micro-Pressure with Ultra-High Sensitivity and Linearity. <i>Micromachines</i> , 2021, 12, 1340.	2.9	1