

Wei Jiang

List of Publications by Year in descending order

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32
papers

923
citations

516710

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477307

29
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docs citations

32
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	An antioxidant system through conjugating superoxide dismutase onto metal-organic framework for cardiac repair. <i>Bioactive Materials</i> , 2022, 10, 56-67.	15.6	9
2	Oral nanozyme-engineered probiotics for the treatment of ulcerative colitis. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4002-4011.	5.8	11
3	Immobilized enzymes in inorganic hybrid nanoflowers for biocatalytic and biosensing applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7597-7607.	5.8	27
4	Glutathione-depleting nanoplatelets for enhanced sonodynamic cancer therapy. <i>Nanoscale</i> , 2021, 13, 4512-4518.	5.6	41
5	Novel Engineered Bacterium/Black Phosphorus Quantum Dot Hybrid System for Hypoxic Tumor Targeting and Efficient Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10564-10573.	8.0	47
6	Injectable Hydrogel for Cu ²⁺ Controlled Release and Potent Tumor Therapy. <i>Life</i> , 2021, 11, 391.	2.4	8
7	Strategies of Alleviating Tumor Hypoxia and Enhancing Tumor Therapeutic Effect by Macromolecular Nanomaterials. <i>Macromolecular Bioscience</i> , 2021, 21, e2100092.	4.1	14
8	Glucose oxidase and Fe ₃ O ₄ /TiO ₂ /Ag ₃ PO ₄ co-embedded biomimetic mineralization hydrogels as controllable ROS generators for accelerating diabetic wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6190-6200.	5.8	30
9	Treatment of Acute Kidney Injury Using a Dual Enzyme Embedded Zeolitic Imidazolate Frameworks Cascade That Catalyzes In Vivo Reactive Oxygen Species Scavenging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 800428.	4.1	7
10	Degradation of phenol using a peroxidase mimetic catalyst through conjugating deuterohemin-peptide onto metal-organic framework with enhanced catalytic activity. <i>Catalysis Communications</i> , 2020, 134, 105859.	3.3	11
11	Recent advances in the synthesis of biodegradable polyesters by sustainable polymerization: lipase-catalyzed polymerization. <i>RSC Advances</i> , 2020, 10, 36230-36240.	3.6	23
12	Development of a novel oxidative stress-amplifying nanocomposite capable of supplying intratumoral H ₂ O ₂ and O ₂ for enhanced chemodynamic therapy and radiotherapy in patient-derived xenograft (PDX) models. <i>Nanoscale</i> , 2020, 12, 23259-23265.	5.6	29
13	Stellate Plasmonic Exosomes for Penetrative Targeting Tumor NIR-II Thermo-Radiotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36928-36937.	8.0	86
14	Nano-Platelets as an Oxygen Regulator for Augmenting Starvation Therapy Against Hypoxic Tumor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 571993.	4.1	10
15	A biomimetic nanozyme/camptothecin hybrid system for synergistically enhanced radiotherapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5312-5319.	5.8	42
16	Platinum-carbon-integrated nanozymes for enhanced tumor photodynamic and photothermal therapy. <i>Nanoscale</i> , 2020, 12, 13548-13557.	5.6	104
17	Nanoscale dual-enzyme cascade metal-organic frameworks through biomimetic mineralization as ROS generators for synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4620-4626.	5.8	29
18	Nanoflower-Shaped Biocatalyst with Peroxidase Activity Enhances the Reversible Addition-Fragmentation Chain Transfer Polymerization of Methacrylate Monomers. <i>Macromolecules</i> , 2018, 51, 716-723.	4.8	14

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19	A peroxidase mimic with atom transfer radical polymerization activity constructed through the grafting of heme onto metal-organic frameworks. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 62-68.	9.4	7
20	Phenol degradation catalyzed by a peroxidase mimic constructed through the grafting of heme onto metal-organic frameworks. <i>Bioresource Technology</i> , 2018, 247, 1246-1248.	9.6	29
21	Lipase-inorganic hybrid nanoflower constructed through biomimetic mineralization: A new support for biodiesel synthesis. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 102-107.	9.4	67
22	CuS@MOF-Based Well-Designed Quercetin Delivery System for Chemo-Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34513-34523.	8.0	138
23	Chemoenzymatic synthesis of a cholesterol-glycyl-poly(amine-co-ester) carrier for p53 gene delivery to inhibit the proliferation and migration of tumor cells. <i>New Journal of Chemistry</i> , 2018, 42, 13541-13548.	2.8	5
24	An amphiphilic non-viral gene vector prepared by a combination of enzymatic atom transfer radical polymerization and enzymatic ring-opening polymerization. <i>RSC Advances</i> , 2017, 7, 9926-9932.	3.6	8
25	Chemoenzymatic Synthesis of Cholesterol-glycyl-Poly(amine-co-ester) Amphiphilic Copolymer as a Carrier for miR-23b Delivery. <i>ACS Macro Letters</i> , 2017, 6, 523-528.	4.8	14
26	Incorporating a silicon unit into a polyether backbone—an effective approach to enhance polyether solubility in CO ₂ . <i>RSC Advances</i> , 2017, 7, 16616-16622.	3.6	9
27	Effect of monomer sequence distribution on the CO ₂ -philicity of a well-defined ternary copolymer: Poly(vinyl acetate-co-vinyl butyrate-co-vinyl butyl ether). <i>Polymer</i> , 2017, 130, 102-111.	3.8	4
28	Deuterohemin-Peptide Enzyme Mimic-Embedded Metal-Organic Frameworks through Biomimetic Mineralization with Efficient ATRP Catalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26948-26957.	8.0	45
29	Construction of an Immobilized Thermophilic Esterase on Epoxy Support for Poly(ϵ -caprolactone) Synthesis. <i>Molecules</i> , 2016, 21, 796.	3.8	11
30	One-Pot Combination of eROP and ROMP for the Synthesis of Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2107-2114.	2.2	8
31	Enzyme mimetic-catalyzed ATRP and its application in block copolymer synthesis combined with enzymatic ring-opening polymerization. <i>RSC Advances</i> , 2015, 5, 42728-42735.	3.6	20
32	Facile Synthesis of Block Copolymers by Tandem ROMP and eROP from Esters Precursors. <i>Biomacromolecules</i> , 2014, 15, 3112-3118.	5.4	16