

Juan Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,205
citations

361413

20
h-index

395702

33
g-index

53
all docs

53
docs citations

53
times ranked

1854
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ formed collagen-hyaluronic acid hydrogel as biomimetic dressing for promoting spontaneous wound healing. <i>Materials Science and Engineering C</i> , 2019, 101, 487-498.	7.3	173
2	<p>Enzyme-responsive mesoporous silica nanoparticles for tumor cells and mitochondria multistage-targeted drug delivery</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2533-2542.	6.7	69
3	Synthesis of Multifunctional Cellulose Nanocrystals for Lectin Recognition and Bacterial Imaging. <i>Biomacromolecules</i> , 2015, 16, 1426-1432.	5.4	64
4	Silver nanoparticles-doped collagen"alginate antimicrobial biocomposite as potential wound dressing. <i>Journal of Materials Science</i> , 2018, 53, 14944-14952.	3.7	59
5	Advances in Therapeutic Implications of Inorganic Drug Delivery Nano-Platforms for Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 965.	4.1	54
6	Composite quantum dots detect Cd(²⁺) in living cells in a fluorescence "turning on" mode. <i>Journal of Materials Chemistry</i> , 2012, 22, 2507-2511.	6.7	42
7	Glycan-Functionalized Fluorescent Chitin Nanocrystals for Biorecognition Applications. <i>Bioconjugate Chemistry</i> , 2014, 25, 640-643.	3.6	41
8	Enzyme Catalyzed Hydrogel as Versatile Bioadhesive for Tissue Wound Hemostasis, Bonding, and Continuous Repair. <i>Biomacromolecules</i> , 2021, 22, 1346-1356.	5.4	38
9	Extracellular Matrix Component Shelled Nanoparticles as Dual Enzyme-Responsive Drug Delivery Vehicles for Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2404-2411.	5.2	37
10	Significant association of GRM7 and GRM8 genes with schizophrenia and major depressive disorder in the Han Chinese population. <i>European Neuropsychopharmacology</i> , 2016, 26, 136-146.	0.7	35
11	Lectin-gated, mesoporous, photofunctionalized glyconanoparticles for glutathione-responsive drug delivery. <i>Chemical Communications</i> , 2015, 51, 9833-9836.	4.1	34
12	Trehalose-Conjugated, Photofunctionalized Mesoporous Silica Nanoparticles for Efficient Delivery of Isoniazid into Mycobacteria. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1250-1255.	5.2	34
13	Injectable, self-healing and pH responsive stem cell factor loaded collagen hydrogel as a dynamic bioadhesive dressing for diabetic wound repair. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5887-5897.	5.8	33
14	Highly Fluorescent Fluoride-Responsive Hydrogels Embedded with CdTe Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 721-724.	8.0	31
15	Bioengineered Human Serum Albumin Fusion Protein as Target/Enzyme/pH Three-Stage Propulsive Drug Vehicle for Tumor Therapy. <i>ACS Nano</i> , 2020, 14, 17405-17418.	14.6	31
16	Nanostructured Phase Morphology of a Biobased Copolymer for Tough and UV-Resistant Polylactide. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1973-1982.	4.4	27
17	Multistage-Targeted Gold/Mesoporous Silica Nanocomposite Hydrogel as In Situ Injectable Drug Release System for Chemophotothermal Synergistic Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 421-431.	4.6	26
18	BN nanospheres functionalized with mesoporous silica for enhancing CpG oligodeoxynucleotide-mediated cancer immunotherapy. <i>Nanoscale</i> , 2018, 10, 14516-14524.	5.6	25

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19	Phospholipid-Decorated Glycogen Nanoparticles for Stimuli-Responsive Drug Release and Synergetic Chemophotothermal Therapy of Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23311-23322.	8.0	25
20	Quantitative Fluorine NMR To Determine Carbohydrate Density on Glyconanomaterials Synthesized from Perfluorophenyl Azide-Functionalized Silica Nanoparticles by Click Reaction. <i>Analytical Chemistry</i> , 2015, 87, 9451-9458.	6.5	21
21	Enantioselective Recognition of Dopa Enantiomers in the Presence of Ascorbic Acid or Tyrosine. <i>Electroanalysis</i> , 2012, 24, 332-337.	2.9	20
22	Dual layer collagen-GAG conduit that mimic vascular scaffold and promote blood vessel cells adhesion, proliferation and elongation. <i>Materials Science and Engineering C</i> , 2018, 92, 447-452.	7.3	20
23	Multi-emission CdTe quantum dot nanofluids. <i>Journal of Materials Chemistry</i> , 2011, 21, 8521.	6.7	19
24	pH-Sensitive tumor-targeted hyperbranched system based on glycogen nanoparticles for liver cancer therapy. <i>Applied Materials Today</i> , 2020, 18, 100521.	4.3	19
25	A new chiral electrochemical sensor for the enantioselective recognition of penicillamine enantiomers. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2481-2485.	2.5	18
26	Chiral Recognition of Penicillamine Enantiomers Based on DNA@MWNT Complex Modified Electrode. <i>Electroanalysis</i> , 2012, 24, 1561-1566.	2.9	17
27	Fabrication and characterization of collagen-heparin-polypyrrole composite conductive film for neural scaffold. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 895-903.	7.5	17
28	Glycogen as a Cross-Linking Agent of Collagen and Nanohydroxyapatite To Form Hydrogels for bMSC Differentiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2106-2114.	6.7	17
29	Relation of Direct, Indirect, and Total bilirubin to Adverse Long-term Outcomes Among Patients With Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2019, 123, 1244-1248.	1.6	15
30	Cyclodextrin modified quantum dots with tunable liquid-like behaviour. <i>Chemical Communications</i> , 2012, 48, 3596.	4.1	14
31	A versatile catalyst-free perfluoroaryl azide-aldehyde-amine conjugation reaction. <i>Materials Chemistry Frontiers</i> , 2019, 3, 251-256.	5.9	14
32	Design and synthesis of a native heparin disaccharide grafted poly(2-aminoethyl methacrylate) glycopolymer for inhibition of melanoma cell metastasis. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 612-619.	7.5	12
33	Stereospecific redox reaction of ascorbic acid and isoascorbic acid based on chiral electropolymerized films. <i>Analytical Methods</i> , 2011, 3, 2740.	2.7	9
34	Stereoselective Interaction between DNA and Stable Chiral Surfaces Modified with 1,2-Diphenylethylenediamine Enantiomers. <i>Electroanalysis</i> , 2011, 23, 529-535.	2.9	9
35	Injectable and self-healing hydrogel containing nitric oxide donor for enhanced antibacterial activity. <i>Reactive and Functional Polymers</i> , 2021, 166, 105003.	4.1	9
36	Liquid Quantum Dots Constructed by Host-Guest Interaction. <i>ACS Macro Letters</i> , 2015, 4, 357-360.	4.8	8

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37	Impact of depression and/or anxiety on patients with percutaneous coronary interventions after acute coronary syndrome: a protocol for a real-world prospective cohort study. <i>BMJ Open</i> , 2019, 9, e027964.	1.9	8
38	Catalyst-Free Cycloaddition Reaction for the Synthesis of Glyconanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28136-28142.	8.0	7
39	Combination of the CYP2C19 metabolizer and the GRACE risk score better predicts the long-term major adverse cardiac events in acute coronary syndrome undergoing percutaneous coronary intervention. <i>Thrombosis Research</i> , 2018, 170, 142-147.	1.7	7
40	Fine-mapping of <i>ZDHHC2</i> identifies risk variants for schizophrenia in the Han Chinese population. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1190.	1.2	7
41	Recognition behavior of chiral nanocomposites toward biomolecules and its application in electrochemical immunoassay. <i>Science China Chemistry</i> , 2010, 53, 1453-1458.	8.2	6
42	Meta-Analysis Comparing the Effect of Combined Omega-3+Statin Therapy Versus Statin Therapy Alone on Coronary Artery Plaques. <i>American Journal of Cardiology</i> , 2021, 151, 15-24.	1.6	6
43	Multifunctional Human Serum Albumin Fusion Protein as a Docetaxel Nanocarrier for Chemo-photothermal Synergetic Therapy of Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19907-19917.	8.0	6
44	Selective response of antigen-antibody reactions on chiral surfaces modified with 1,2-diphenylethylenediamine enantiomers. <i>Surface and Interface Analysis</i> , 2012, 44, 170-174.	1.8	5
45	Multifunctionalized Brush-Like Glycopolymers with High Affinity to P-Selectin and Antitumor Metastasis Activity. <i>Biomacromolecules</i> , 2021, 22, 1177-1185.	5.4	5
46	Fabrication of pH/Reduction Sensitive Polyethylene Glycol-Based Micelles for Enhanced Intracellular Drug Release. <i>Pharmaceutics</i> , 2021, 13, 1464.	4.5	4
47	Glycosaminoglycans immobilized core-shell gold mesoporous silica nanoparticles for synergetic chemo-photothermal therapy of cancer cells. <i>Materials Letters</i> , 2022, 308, 131113.	2.6	3
48	Yan Ya™: A New Cultivar of <i>Xanthoceras sorbifolium</i> Bunge. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 326-327.	1.0	2
49	Long-term antiplatelet therapy in medically managed non-ST-segment elevation acute coronary syndromes: The EPICOR Asia study. <i>International Journal of Cardiology</i> , 2021, 327, 19-24.	1.7	1
50	Novel Cultivar of <i>Xanthoceras sorbifolium</i> Bunge Yan Liu™. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 827-828.	1.0	1
51	Yan Zi™: A Novel Cultivar of <i>Xanthoceras sorbifolium</i> Bunge. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 487-488.	1.0	0