

Bo Yu

List of Publications by Year in descending order

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41
papers

2,419
citations

236833

25
h-index

276775

41
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42
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42
docs citations

42
times ranked

3827
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury. <i>Bioactive Materials</i> , 2023, 19, 282-291.	8.6	17
2	Recent progress in cryoablation cancer therapy and nanoparticles mediated cryoablation. <i>Theranostics</i> , 2022, 12, 2175-2204.	4.6	32
3	Open-shell Nanosensitizers for Glutathione Responsive Cancer Sonodynamic Therapy. <i>Advanced Materials</i> , 2022, 34, e2110283.	11.1	48
4	On-demand degradable embolic microspheres for immediate restoration of blood flow during image-guided embolization procedures. <i>Biomaterials</i> , 2021, 265, 120408.	5.7	21
5	Magnetic field boosted ferroptosis-like cell death and responsive MRI using hybrid vesicles for cancer immunotherapy. <i>Nature Communications</i> , 2020, 11, 3637.	5.8	158
6	Electric Pulse Responsive Magnetic Nanoclusters Loaded with Indoleamine 2,3-Dioxygenase Inhibitor for Synergistic Immuno-Ablation Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54415-54425.	4.0	19
7	Sodium Cholate Bile Acid-Stabilized Ferumoxytol-Doxorubicin-Lipiodol Emulsion for Transcatheter Arterial Chemoembolization of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1697-1705.e3.	0.2	7
8	Synergistic Local Combination of Radiation and Anti-Programmed Death Ligand 1 Immunotherapy Using Radiation-Responsive Splintery Metallic Nanocarriers. <i>ACS Nano</i> , 2020, 14, 13115-13126.	7.3	45
9	Synthesis of iron oxide nanocube patched Janus magnetic nanocarriers for cancer therapeutic applications. <i>Chemical Communications</i> , 2020, 56, 8810-8813.	2.2	10
10	Porous SBA-15/cellulose membrane with prolonged anti-microbial drug release characteristics for potential wound dressing application. <i>Cellulose</i> , 2020, 27, 2737-2756.	2.4	9
11	Size-Optimized Ultrasmall Porous Silica Nanoparticles Depict Vasculature-Based Differential Targeting in Triple Negative Breast Cancer. <i>Small</i> , 2019, 15, e1903747.	5.2	39
12	A "Missile-Detonation" Strategy to Precisely Supply and Efficiently Amplify Cerenkov Radiation Energy for Cancer Theranostics. <i>Advanced Materials</i> , 2019, 31, e1904894.	11.1	35
13	Sequential MR Image-Guided Local Immune Checkpoint Blockade Cancer Immunotherapy Using Ferumoxytol Capped Ultralarge Pore Mesoporous Silica Carriers after Standard Chemotherapy. <i>Small</i> , 2019, 15, e1904378.	5.2	36
14	Engineering Sustainable Antimicrobial Release in Silica-Cellulose Membrane with CaCO ₃ -Aided Processing for Wound Dressing Application. <i>Polymers</i> , 2019, 11, 808.	2.0	21
15	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. <i>Biomaterials</i> , 2018, 165, 56-65.	5.7	134
16	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. <i>Biomaterials</i> , 2018, 171, 144-152.	5.7	42
17	ImmunopET imaging of CD38 in murine lymphoma models using ⁸⁹ Zr-labeled daratumumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1372-1381.	3.3	30
18	Reassembly of ⁸⁹ Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. <i>Advanced Materials</i> , 2018, 30, e1704934.	11.1	86

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19	Efficient Uptake of ¹⁷⁷ Lu- α -Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal α -Imaging- α -Guided Combination Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 218-222.	7.2	85
20	Efficient Uptake of ¹⁷⁷ Lu- α -Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal α -Imaging- α -Guided Combination Therapy. <i>Angewandte Chemie</i> , 2018, 130, 224-228.	1.6	10
21	Enhanced Targeted Delivery of Doxorubicin Based on Acid Induced Charge Reversal and Combinational Stimuli- α -Responsive Nanocarrier. <i>Advanced Engineering Materials</i> , 2018, 20, 1701151.	1.6	7
22	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. <i>Nature Communications</i> , 2018, 9, 5421.	5.8	184
23	Effective Wound Healing Enabled by Discrete Alternative Electric Fields from Wearable Nanogenerators. <i>ACS Nano</i> , 2018, 12, 12533-12540.	7.3	234
24	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 14971-14979.	6.6	148
25	Yu Gan Long reduces rat liver fibrosis by blocking TGF- β 1/Smad pathway and modulating the immunity. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1332-1338.	2.5	18
26	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 3282-3289.	4.5	135
27	Selenylsulfide Bond-Launched Reduction-Responsive Superparamagnetic Nanogel Combined of Acid-Responsiveness for Achievement of Efficient Therapy with Low Side Effect. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30253-30257.	4.0	30
28	Acid and reduction stimulated logic α - α -type combinational release mode achieved in DOX-loaded superparamagnetic nanogel. <i>Materials Science and Engineering C</i> , 2016, 65, 354-363.	3.8	11
29	Achievement of Release Mode under Combinational Stimuli by Acid and Reduction for Reduced Adverse Effect in Antitumor Efficacy. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1255-1266.	1.7	4
30	Adsorptive removal of Lead from water by the effective and reusable magnetic cellulose nanocomposite beads entrapping activated bentonite. <i>Carbohydrate Polymers</i> , 2016, 151, 640-648.	5.1	68
31	Synthesis of selenium nanoparticles with mesoporous silica drug-carrier shell for programmed responsive tumor targeted synergistic therapy. <i>RSC Advances</i> , 2016, 6, 2171-2175.	1.7	14
32	X-ray-responsive selenium nanoparticles for enhanced cancer chemo-radiotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 180-189.	2.5	83
33	A facile and fast synthetic approach to create selenium nanoparticles with diverse shapes and their antioxidation ability. <i>New Journal of Chemistry</i> , 2016, 40, 1118-1123.	1.4	35
34	A Pseudo- α -Model Strategy Combining Experiment and Model to Investigate the Targeting Efficiency of Injected Magnetic Nanoparticles as Therapeutics Carriers. <i>Advanced Engineering Materials</i> , 2015, 17, 1511-1517.	1.6	0
35	Rational design and fabrication of a cancer-targeted chitosan nanocarrier to enhance selective cellular uptake and anticancer efficacy of selenocystine. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2497-2504.	2.9	21
36	A green and facile method for the preparation of a pH-responsive alginate nanogel for subcellular delivery of doxorubicin. <i>RSC Advances</i> , 2015, 5, 73416-73423.	1.7	49

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37	pH-responsive cancer-targeted selenium nanoparticles: a transformable drug carrier with enhanced theranostic effects. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5409-5418.	2.9	59
38	Ruthenium polypyridyl complexes as inducer of ROS-mediated apoptosis in cancer cells by targeting thioredoxin reductase. <i>Metallomics</i> , 2014, 6, 1480-1490.	1.0	85
39	Induction of Apoptosis and Cell Cycle Arrest in A549 Human Lung Adenocarcinoma Cells by Surface-Capping Selenium Nanoparticles: An Effect Enhanced by Polysaccharide-Protein Complexes from <i>Polyporus rhinocerus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9859-9866.	2.4	113
40	Positive Surface Charge Enhances Selective Cellular Uptake and Anticancer Efficacy of Selenium Nanoparticles. <i>Inorganic Chemistry</i> , 2012, 51, 8956-8963.	1.9	226
41	Chitosan as Morphology-directing Agent for the Preparation of Multiarmed Selenium/Carbon Coaxial Nanorods. <i>Chemistry Letters</i> , 2011, 40, 242-243.	0.7	9