Bo Yu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8558545/publications.pdf

Version: 2024-02-01

41	2,419	236833 25	276775 41
papers	citations	h-index	g-index

42	42	42	3827
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective Wound Healing Enabled by Discrete Alternative Electric Fields from Wearable Nanogenerators. ACS Nano, 2018, 12, 12533-12540.	7.3	234
2	Positive Surface Charge Enhances Selective Cellular Uptake and Anticancer Efficacy of Selenium Nanoparticles. Inorganic Chemistry, 2012, 51, 8956-8963.	1.9	226
3	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. Nature Communications, 2018, 9, 5421.	5.8	184
4	Magnetic field boosted ferroptosis-like cell death and responsive MRI using hybrid vesicles for cancer immunotherapy. Nature Communications, 2020, 11, 3637.	5.8	158
5	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. Journal of the American Chemical Society, 2018, 140, 14971-14979.	6.6	148
6	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. Nano Letters, 2017, 17, 3282-3289.	4.5	135
7	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. Biomaterials, 2018, 165, 56-65.	5.7	134
8	Induction of Apoptosis and Cell Cycle Arrest in A549 Human Lung Adenocarcinoma Cells by Surface-Capping Selenium Nanoparticles: An Effect Enhanced by Polysaccharideâ€“Protein Complexes from Polyporus rhinocerus. Journal of Agricultural and Food Chemistry, 2013, 61, 9859-9866.	2.4	113
9	Reassembly of ⁸⁹Zrâ€Labeled Cancer Cell Membranes into Multicompartment Membraneâ€Derived Liposomes for PETâ€Trackable Tumorâ€Targeted Theranostics. Advanced Materials, 2018, 30, e1704934.	11.1	86
10	Ruthenium polypyridyl complexes as inducer of ROS-mediated apoptosis in cancer cells by targeting thioredoxin reductase. Metallomics, 2014, 6, 1480-1490.	1.0	85
11	Efficient Uptake of ¹⁷⁷Luâ€Porphyrinâ€PEG Nanocomplexes by Tumor Mitochondria for Multimodalâ€Imagingâ€Guided Combination Therapy. Angewandte Chemie - International Edition, 2018, 57, 218-222.	7.2	85
12	X-ray-responsive selenium nanoparticles for enhanced cancer chemo-radiotherapy. Colloids and Surfaces B: Biointerfaces, 2016, 139, 180-189.	2.5	83
13	Adsorptive removal of Lead from water by the effective and reusable magnetic cellulose nanocomposite beads entrapping activated bentonite. Carbohydrate Polymers, 2016, 151, 640-648.	5.1	68
14	pH-responsive cancer-targeted selenium nanoparticles: a transformable drug carrier with enhanced theranostic effects. Journal of Materials Chemistry B, 2014, 2, 5409-5418.	2.9	59
15	A green and facile method for the preparation of a pH-responsive alginate nanogel for subcellular delivery of doxorubicin. RSC Advances, 2015, 5, 73416-73423.	1.7	49
16	Openâ€Shell Nanosensitizers for Glutathione Responsive Cancer Sonodynamic Therapy. Advanced Materials, 2022, 34, e2110283.	11.1	48
17	Synergistic Local Combination of Radiation and Anti-Programmed Death Ligand 1 Immunotherapy Using Radiation-Responsive Splintery Metallic Nanocarriers. ACS Nano, 2020, 14, 13115-13126.	7.3	45
18	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. Biomaterials, 2018, 171, 144-152.	5.7	42

#	Article	IF	Citations
19	Sizeâ€Optimized Ultrasmall Porous Silica Nanoparticles Depict Vasculatureâ€Based Differential Targeting in Triple Negative Breast Cancer. Small, 2019, 15, e1903747.	5.2	39
20	Sequential MR Imageâ€Guided Local Immune Checkpoint Blockade Cancer Immunotherapy Using Ferumoxytol Capped Ultralarge Pore Mesoporous Silica Carriers after Standard Chemotherapy. Small, 2019, 15, e1904378.	5.2	36
21	A facile and fast synthetic approach to create selenium nanoparticles with diverse shapes and their antioxidation ability. New Journal of Chemistry, 2016, 40, 1118-1123.	1.4	35
22	A â€œMissileâ€Detonationâ€•Strategy to Precisely Supply and Efficiently Amplify Cerenkov Radiation Energy for Cancer Theranostics. Advanced Materials, 2019, 31, e1904894.	11.1	35
23	Recent progress in cryoablation cancer therapy and nanoparticles mediated cryoablation. Theranostics, 2022, 12, 2175-2204.	4.6	32
24	Selenylsulfide Bond-Launched Reduction-Responsive Superparamagnetic Nanogel Combined of Acid-Responsiveness for Achievement of Efficient Therapy with Low Side Effect. ACS Applied Materials & Interfaces, 2017, 9, 30253-30257.	4.0	30
25	ImmunoPET imaging of CD38 in murine lymphoma models using 89Zr-labeled daratumumab. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1372-1381.	3.3	30
26	Rational design and fabrication of a cancer-targeted chitosan nanocarrier to enhance selective cellular uptake and anticancer efficacy of selenocystine. Journal of Materials Chemistry B, 2015, 3, 2497-2504.	2.9	21
27	Engineering Sustainable Antimicrobial Release in Silica-Cellulose Membrane with CaCO3-Aided Processing for Wound Dressing Application. Polymers, 2019, 11, 808.	2.0	21
28	On-demand degradable embolic microspheres for immediate restoration of blood flow during image-guided embolization procedures. Biomaterials, 2021, 265, 120408.	5.7	21
29	Electric Pulse Responsive Magnetic Nanoclusters Loaded with Indoleamine 2,3-Dioxygenase Inhibitor for Synergistic Immuno-Ablation Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 54415-54425.	4.0	19
30	Yu Gan Long reduces rat liver fibrosis by blocking TGF-Î²1/Smad pathway and modulating the immunity. Biomedicine and Pharmacotherapy, 2018, 106, 1332-1338.	2.5	18
31	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury. Bioactive Materials, 2023, 19, 282-291.	8.6	17
32	Synthesis of selenium nanoparticles with mesoporous silica drug-carrier shell for programmed responsive tumor targeted synergistic therapy. RSC Advances, 2016, 6, 2171-2175.	1.7	14
33	Acid and reduction stimulated logic â€œandâ€•type combinational release mode achieved in DOX-loaded superparamagnetic nanogel. Materials Science and Engineering C, 2016, 65, 354-363.	3.8	11
34	Efficient Uptake of ¹⁷⁷Luâ€Porphyrinâ€PEG Nanocomplexes by Tumor Mitochondria for Multimodalâ€Imagingâ€Guided Combination Therapy. Angewandte Chemie, 2018, 130, 224-228.	1.6	10
35	Synthesis of iron oxide nanocube patched Janus magnetic nanocarriers for cancer therapeutic applications. Chemical Communications, 2020, 56, 8810-8813.	2.2	10
36	Chitosan as Morphology-directing Agent for the Preparation of Multiarmed Selenium/Carbon Coaxial Nanorods. Chemistry Letters, 2011, 40, 242-243.	0.7	9

#	Article	IF	Citations
37	Porous SBA-15/cellulose membrane with prolonged anti-microbial drug release characteristics for potential wound dressing application. Cellulose, 2020, 27, 2737-2756.	2.4	9
38	Enhanced Targeted Delivery of Doxorubicin Based on Acid Induced Charge Reversal and Combinational Stimuliâ€Responsive Nanocarrier. Advanced Engineering Materials, 2018, 20, 1701151.	1.6	7
39	Sodium Cholate Bile Acid-Stabilized Ferumoxytol-Doxorubicin-Lipiodol Emulsion for Transcatheter Arterial Chemoembolization of Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2020, 31, 1697-1705.e3.	0.2	7
40	Achievement of Release Mode under Combinational Stimuli by Acid and Reduction for Reduced Adverse Effect in Antitumor Efficacy. Macromolecular Materials and Engineering, 2016, 301, 1255-1266.	1.7	4
41	A Pseudoâ€Model Strategy Combining Experiment and Model to Investigate the Targeting Efficiency of Injected Magnetic Nanoparticles as Therapeutics Carriers. Advanced Engineering Materials, 2015, 17, 1511-1517.	1.6	0