Yong Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9125910/publications.pdf

Version: 2024-02-01

42 papers	4,003 citations	201385 27 h-index	288905 40 g-index
42 all docs	42 docs citations	42 times ranked	6420 citing authors

#	Article	IF	Citations
1	One-pot solventless preparation of PEGylated black phosphorus nanoparticles for photoacoustic imaging and photothermal therapy ofÂcancer. Biomaterials, 2016, 91, 81-89.	5.7	403
2	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. Nature Communications, 2016, 7, 10432.	5.8	376
3	Ambient Aqueous Synthesis of Ultrasmall PEGylated Cu<sub>2â<sup></sub>_xSe Nanoparticles as a Multifunctional Theranostic Agent for Multimodal Imaging Guided Photothermal Therapy of Cancer. Advanced Materials, 2016, 28, 8927-8936.	11.1	282
4	Smart Albuminâ€Biomineralized Nanocomposites for Multimodal Imaging and Photothermal Tumor Ablation. Advanced Materials, 2015, 27, 3874-3882.	11.1	278
5	BSAâ€Mediated Synthesis of Bismuth Sulfide Nanotheranostic Agents for Tumor Multimodal Imaging and Thermoradiotherapy. Advanced Functional Materials, 2016, 26, 5335-5344.	7.8	255
6	Ultrasmall Biocompatible WO<sub>3â<sup></sub>_x Nanodots for Multiâ€Modality Imaging and Combined Therapy of Cancers. Advanced Materials, 2016, 28, 5072-5079.	11.1	227
7	Polydopamine as a Biocompatible Multifunctional Nanocarrier for Combined Radioisotope Therapy and Chemotherapy of Cancer. Advanced Functional Materials, 2015, 25, 7327-7336.	7.8	225
8	Ultrasmall Biocompatible Bi₂Se₃ Nanodots for Multimodal Imaging-Guided Synergistic Radiophotothermal Therapy against Cancer. ACS Nano, 2016, 10, 11145-11155.	7.3	196
9	Fabrication of Transferrin Functionalized Gold Nanoclusters/Graphene Oxide Nanocomposite for Turn-On Near-Infrared Fluorescent Bioimaging of Cancer Cells and Small Animals. Analytical Chemistry, 2013, 85, 2529-2535.	3.2	192
10	Proteinâ€Nanoreactorâ€Assisted Synthesis of Semiconductor Nanocrystals for Efficient Cancer Theranostics. Advanced Materials, 2016, 28, 5923-5930.	11.1	175
11	Monodisperse Dual Plasmonic Au@Cu_{2â€“x}E (E= S, Se) Core@Shell Supraparticles: Aqueous Fabrication, Multimodal Imaging, and Tumor Therapy at in Vivo Level. ACS Nano, 2017, 11, 8273-8281.	7.3	139
12	Fabrication of vascular endothelial growth factor antibody bioconjugated ultrasmall near-infrared fluorescent Ag2S quantum dots for targeted cancer imaging in vivo. Chemical Communications, 2013, 49, 3324.	2.2	130
13	Multispectral optoacoustic imaging of dynamic redox correlation and pathophysiological progression utilizing upconversion nanoprobes. Nature Communications, 2019, 10, 1087.	5.8	126
14	Fluorescent gold nanoclusters based photoelectrochemical sensors for detection of H2O2 and glucose. Biosensors and Bioelectronics, 2015, 67, 296-302.	5.3	102
15	pHâ€Responsive Fe(III)â€“Gallic Acid Nanoparticles for In Vivo Photoacousticâ€Imagingâ€Guided Photothermal Therapy. Advanced Healthcare Materials, 2016, 5, 772-780.	3.9	94
16	Activatable Multifunctional Persistent Luminescence Nanoparticle/Copper Sulfide Nanoprobe for in Vivo Luminescence Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2016, 8, 32667-32674.	4.0	91
17	Size-Tunable Gd₂O₃@Albumin Nanoparticles Conjugating Chlorin e6 for Magnetic Resonance Imaging-Guided Photo-Induced Therapy. Theranostics, 2017, 7, 764-774.	4.6	74
18	Simultaneous removal of Co(II) and 1-naphthol by coreâ€“shell structured Fe3O4@cyclodextrin magnetic nanoparticles. Carbohydrate Polymers, 2014, 114, 521-529.	5.1	56

#	Article	IF	Citations
19	Biodegradable Nanoagents with Short Biological Halfâ€Life for SPECT/PAI/MRI Multimodality Imaging and PTT Therapy of Tumors. Small, 2018, 14, 1702700.	5.2	51
20	Oral administration of highly bright Cr³⁺ doped ZnGa₂O₄ nanocrystals for in vivo targeted imaging of orthotopic breast cancer. Journal of Materials Chemistry B, 2018, 6, 1508-1518.	2.9	49
21	Ultrasensitive GSH-Responsive Ditelluride-Containing Poly(ether-urethane) Nanoparticles for Controlled Drug Release. ACS Applied Materials & Interfaces, 2016, 8, 35106-35113.	4.0	48
22	Fabrication of folate bioconjugated near-infrared fluorescent silver nanoclusters for targeted in vitro and in vivo bioimaging. Chemical Communications, 2014, 50, 14341-14344.	2.2	47
23	Gold nanorods and graphene oxide enhanced BSA-AgInS2 quantum dot-based photoelectrochemical sensors for detection of dopamine. Electrochimica Acta, 2019, 295, 1006-1016.	2.6	47
24	Autophagy associated cytotoxicity and cellular uptake mechanisms of bismuth nanoparticles in human kidney cells. Toxicology Letters, 2017, 275, 39-48.	0.4	45
25	Long-Circulating Iodinated Albuminâ€“Gadolinium Nanoparticles as Enhanced Magnetic Resonance and Computed Tomography Imaging Probes for Osteosarcoma Visualization. Analytical Chemistry, 2015, 87, 4299-4304.	3.2	40
26	The protective role of autophagy in nephrotoxicity induced by bismuth nanoparticles through AMPK/mTOR pathway. Nanotoxicology, 2018, 12, 586-601.	1.6	40
27	Photoelectrochemical determination of hydrogen peroxide using a gold electrode modified with fluorescent gold nanoclusters and graphene oxide. Mikrochimica Acta, 2017, 184, 677-686.	2.5	29
28	Biomineralized Enzyme-Like Cobalt Sulfide Nanodots for Synergetic Phototherapy with Tumor Multimodal Imaging Navigation. ACS Sustainable Chemistry and Engineering, 2018, 6, 12061-12069.	3.2	29
29	NIR nanoprobe-facilitated cross-referencing manifestation of local disease biology for dynamic therapeutic response assessment. Chemical Science, 2020, 11, 803-811.	3.7	26
30	Oxidative damage to DNA by 1,10-phenanthroline/l-threonine copper (II) complexes with chlorogenic acid. BioMetals, 2010, 23, 265-273.	1.8	24
31	In Vivo Photoacoustic/Single-Photon Emission Computed Tomography Imaging for Dynamic Monitoring of Aggregation-Enhanced Photothermal Nanoagents. Analytical Chemistry, 2019, 91, 2128-2134.	3.2	23
32	Noninvasive Multimodal Imaging of Osteosarcoma and Lymph Nodes Using a ^{99m}Tc-Labeled Biomineralization Nanoprobe. Analytical Chemistry, 2018, 90, 4529-4534.	3.2	20
33	The interaction of taurineâ€“salicylaldehyde Schiff base copper(II) complex with DNA and the determination of DNA using the complex as a fluorescence probe. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 1-5.	2.0	18
34	Therapeutic dendritic cell vaccines engineered with antigenâ€biomineralized Bi₂S₃ nanoparticles for personalized tumor radioimmunotherapy. Aggregate, 2022, 3, .	5.2	13
35	Copper (II) complex of 1,10-phenanthroline and l-tyrosine with DNA oxidative cleavage activity in the gallic acid. BioMetals, 2011, 24, 737-745.	1.8	9
36	Bone-Seeking Albumin-Nanomedicine for In Vivo Imaging and Therapeutic Monitoring. ACS Biomaterials Science and Engineering, 2020, 6, 647-653.	2.6	9

#	Article	IF	Citations
37	Apoferritin-Engineered Nanoprobe for Tumor-Targeted Triple-NIR Imaging and Phototherapy. Analytical Chemistry, 2021, 93, 8835-8845.	3.2	7
38	Autooxidative Activity of Chlorogenic Acid and Damage to DNA. Electroanalysis, 2008, 20, 1968-1972.	1.5	3
39	Oxidative DNA Damage Induced by a Copper(II)ï£¿1,10â€Phenanthrolineï£¿<scp>L</scp>â€Serine Complex in the Presence of Rutin. Chemistry and Biodiversity, 2011, 8, 1333-1343.	1.0	2
40	Iodinated BSA Nanoparticles for Macrophage-Mediated CT Imaging and Repair of Gastritis. Analytical Chemistry, 2021, 93, 6414-6420.	3.2	2
41	Preclinical safety and hepatotoxicity evaluation of biomineralized copper sulfide nanoagents. Journal of Nanobiotechnology, 2022, 20, 185.	4.2	1
42	Metal-organic frameworks for radionuclide adsorption. Chinese Science Bulletin, 2014, 59, 3353-3361.	0.4	0