

Benqing Zhou

List of Publications by Year in descending order

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39
papers

1,689
citations

304368

22
h-index

360668

35
g-index

39
all docs

39
docs citations

39
times ranked

2634
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron oxide nanoparticles as a drug carrier reduce host immunosuppression for enhanced chemotherapy. <i>Nanoscale</i> , 2022, 14, 4588-4594.	2.8	7
2	Antitumor Efficacy of Doxorubicin-Loaded Electrospun Attapulgitite@Poly(lactic-co-glycolic acid) Composite Nanofibers. <i>Journal of Functional Biomaterials</i> , 2022, 13, 55.	1.8	6
3	Recent progress in two-dimensional nanomaterials for cancer theranostics. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214654.	9.5	15
4	Recent advances in immunotherapy, immunoadjuvant, and nanomaterial-based combination immunotherapy. <i>Coordination Chemistry Reviews</i> , 2021, 442, 214009.	9.5	29
5	The gene transfection and endocytic uptake pathways mediated by PEGylated PEI-entrapped gold nanoparticles. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2558-2567.	2.3	21
6	Biodegradable pH-responsive amorphous calcium carbonate nanoparticles as immunoadjuvants for multimodal imaging and enhanced photoimmunotherapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8261-8270.	2.9	22
7	Colorimetric detection of Cr ³⁺ ions in aqueous solution using poly(¹³ C-glutamic) Tj ETQq1 1 0.784314 13 / Overlock 10 13		
8	Immunologically modified MnFe ₂ O ₄ nanoparticles to synergize photothermal therapy and immunotherapy for cancer treatment. <i>Chemical Engineering Journal</i> , 2020, 396, 125239.	6.6	59
9	Zwitterionic Polydopamine-Coated Manganese Oxide Nanoparticles with Ultrahigh Longitudinal Relaxivity for Tumor-Targeted MR Imaging. <i>Langmuir</i> , 2019, 35, 4336-4341.	1.6	19
10	NIR-Triggered Phototherapy and Immunotherapy via an Antigen-Capturing NanoplatforM for Metastatic Cancer Treatment. <i>Advanced Science</i> , 2019, 6, 1802157.	5.6	221
11	PEGylated reduced-graphene oxide hybridized with Fe ₃ O ₄ nanoparticles for cancer photothermal-immunotherapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7406-7414.	2.9	68
12	Enhanced photocatalytic performance of Ag/TiO ₂ nanohybrid sensitized by black phosphorus nanosheets in visible and near-infrared light. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 1-11.	5.0	49
13	BSA-modified gold nanorods for combined photothermal therapy and immunotherapy of melanoma. , 2019, , .		3
14	Assessment of lingual sentinel lymph nodes metastases using dual-modal indirect CT/MR lymphography with gold@gadolinium-based nanoprobe in a tongue VX ₂ carcinoma model. <i>Acta Oto-Laryngologica</i> , 2018, 138, 727-733.	0.3	5
15	^{99m} Tc-Labeled RGD@Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6146-6154.	4.0	34
16	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. <i>Drug Delivery</i> , 2018, 25, 178-186.	2.5	37
17	Optimization of the composition and dosage of PEGylated polyethylenimine-entrapped gold nanoparticles for blood pool, tumor, and lymph node CT imaging. <i>Materials Science and Engineering C</i> , 2018, 83, 9-16.	3.8	16
18	BSA-bioinspired gold nanorods loaded with immunoadjuvant for the treatment of melanoma by combined photothermal therapy and immunotherapy. <i>Nanoscale</i> , 2018, 10, 21640-21647.	2.8	118

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19	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8668-8673.	7.2	101
20	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie</i> , 2018, 130, 8804-8809.	1.6	51
21	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. <i>Langmuir</i> , 2018, 34, 8701-8707.	1.6	23
22	In-situ reduction and deposition of Ag nanoparticles on black phosphorus nanosheets co-loaded with graphene oxide as a broad spectrum photocatalyst for enhanced photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2018, 769, 316-324.	2.8	26
23	RGD peptide-targeted polyethylenimine-entrapped gold nanoparticles for targeted CT imaging of an orthotopic model of human hepatocellular carcinoma. , 2018, , .		0
24	A multifunctional polyethylenimine-based nanoplatform for targeted anticancer drug delivery to tumors in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1542-1550.	2.9	43
25	Dendrimer-Modified MoS ₂ Nanoflakes as a Platform for Combinational Gene Silencing and Photothermal Therapy of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15995-16005.	4.0	92
26	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 47-53.	4.0	52
27	Polyaniline-loaded ³ polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12746-12754.	2.8	62
28	Multifunctional polyethylenimine-based nanoplatform for targeted anti-cancer drug delivery to tumors. <i>Journal of Controlled Release</i> , 2017, 259, e10-e11.	4.8	0
29	Dendrimer-functionalized LAPONITE® nanodisks loaded with gadolinium for T ₁ -weighted MR imaging applications. <i>RSC Advances</i> , 2016, 6, 95112-95119.	1.7	12
30	Mechanistic Studies of Enhanced PCR Using PEGylated PEI-Entrapped Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25808-25817.	4.0	26
31	Gold Nanoparticles for X-ray Computed Tomography Imaging. , 2016, , 1-27.		0
32	Structural characterization of PEGylated polyethylenimine-entrapped gold nanoparticles: an NMR study. <i>Analyst</i> , The, 2016, 141, 5390-5397.	1.7	20
33	PEGylated polyethylenimine-entrapped gold nanoparticles loaded with gadolinium for dual-mode CT/MR imaging applications. <i>Nanomedicine</i> , 2016, 11, 1639-1652.	1.7	40
34	PEGylated polyethylenimine-entrapped gold nanoparticles modified with folic acid for targeted tumor CT imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 489-496.	2.5	87
35	Branched polyethylenimine modified with hyaluronic acid via a PEG spacer for targeted anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 9232-9239.	1.7	15
36	Formation of iron oxide nanoparticle-loaded ³ polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8684-8693.	2.9	32

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37	Synthesis and Characterization of PEGylated Polyethylenimine-Entrapped Gold Nanoparticles for Blood Pool and Tumor CT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17190-17199.	4.0	106
38	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , 2013, 4, 4412.	1.9	93
39	Dendrimer-stabilized bismuth sulfide nanoparticles: synthesis, characterization, and potential computed tomography imaging applications. <i>Analyst</i> , The, 2013, 138, 3172.	1.7	66