

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	NIR-Triggered Phototherapy and Immunotherapy via an Antigen-Capturing Nanoplatfor for Metastatic Cancer Treatment. <i>Advanced Science</i> , 2019, 6, 1802157.	5.6	221
2	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
3	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
4	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8668-8673.	7.2	101
5	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , 2013, 4, 4412.	1.9	93
6	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
7	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
8	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
9	Dendrimer-stabilized bismuth sulfide nanoparticles: synthesis, characterization, and potential computed tomography imaging applications. <i>Analyst</i> , 2013, 138, 3172.	1.7	66
10	Polyaniline-loaded β -polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12746-12754.	2.8	62
11	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
12	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
13	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie</i> , 2018, 130, 8804-8809.	1.6	51
14	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
15	A multifunctional polyethylenimine-based nanoplatfor for targeted anticancer drug delivery to tumors in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1542-1550.	2.9	43
16	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
17	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
18	^{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

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19	Formation of iron oxide nanoparticle-loaded \hat{I}^3 -polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8684-8693.	2.9	32
20	Recent advances in immunotherapy, immunoadjuvant, and nanomaterial-based combination immunotherapy. <i>Coordination Chemistry Reviews</i> , 2021, 442, 214009.	9.5	29
21	Mechanistic Studies of Enhanced PCR Using PEGylated PEI-Entrapped Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25808-25817.	4.0	26
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	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. <i>Langmuir</i> , 2018, 34, 8701-8707.	1.6	23
24	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
25	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
26	Structural characterization of PEGylated polyethylenimine-entrapped gold nanoparticles: an NMR study. <i>Analyst</i> , 2016, 141, 5390-5397.	1.7	20
27	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
28	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
29	Branched polyethyleneimine modified with hyaluronic acid via a PEG spacer for targeted anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 9232-9239.	1.7	15
30	Recent progress in two-dimensional nanomaterials for cancer theranostics. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214654.	9.5	15
31	Colorimetric detection of Cr^{3+} ions in aqueous solution using poly(\hat{I}^3 -glutamic) Tj ETQq1 1 0.784314 $\frac{rgBT}{Overlock 10}$	1.3	13
32	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
33	Iron oxide nanoparticles as a drug carrier reduce host immunosuppression for enhanced chemotherapy. <i>Nanoscale</i> , 2022, 14, 4588-4594.	2.8	7
34	Antitumor Efficacy of Doxorubicin-Loaded Electrospun Attapulgate-Poly(lactic-co-glycolic acid) Composite Nanofibers. <i>Journal of Functional Biomaterials</i> , 2022, 13, 55.	1.8	6
35	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
36	BSA-modified gold nanorods for combined photothermal therapy and immunotherapy of melanoma. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Gold Nanoparticles for X-ray Computed Tomography Imaging. , 2016, , 1-27.		0
38	Multifunctional polyethylenimine-based nanoplatform for targeted anti-cancer drug delivery to tumors. Journal of Controlled Release, 2017, 259, e10-e11.	4.8	0
39	RGD peptide-targeted polyethylenimine-entrapped gold nanoparticles for targeted CT imaging of an orthotopic model of human hepatocellular carcinoma. , 2018, , .		0