

Rui Guo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

5,780
citations

66315

42
h-index

74108

75
g-index

81
all docs

81
docs citations

81
times ranked

7519
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective CpG Delivery Using Zwitterion-Functionalized Dendrimer-Entrapped Gold Nanoparticles to Promote T Cell-Mediated Immunotherapy of Cancer Cells. <i>Biosensors</i> , 2022, 12, 71.	2.3	4
2	Intelligent design of iron-doped LDH nanosheets for cooperative chemo-chemodynamic therapy of tumors. <i>Biomaterials Science</i> , 2022, 10, 2029-2039.	2.6	10
3	⁶⁸ Ga-labeled dendrimer-entrapped gold nanoparticles for PET/CT dual-modality imaging and immunotherapy of tumors. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3648-3656.	2.9	11
4	Polydopamine-Coated Laponite Nanoplatfoms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. <i>Nanomaterials</i> , 2021, 11, 394.	1.9	18
5	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. <i>Pharmaceutics</i> , 2021, 13, 995.	2.0	9
6	Low-Molecular-Weight Poly(ethylenimine) Nanogels Loaded with Ultrasmall Iron Oxide Nanoparticles for T ₁ -Weighted MR Imaging-Guided Gene Therapy of Sarcoma. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27806-27813.	4.0	25
7	Multifunctional Core-Shell Tecto Dendrimers Incorporated with Gold Nanoparticles for Targeted Dual Mode CT/MR Imaging of Tumors. <i>ACS Applied Bio Materials</i> , 2021, 4, 1803-1812.	2.3	14
8	Doxorubicin Encapsulated in TPGS-Modified 2D Nanodisks Overcomes Multidrug Resistance. <i>Chemistry - A European Journal</i> , 2020, 26, 2470-2477.	1.7	23
9	Functional LAPONITE Nanodisks Enable Targeted Anticancer Chemotherapy in Vivo. <i>Bioconjugate Chemistry</i> , 2020, 31, 2404-2412.	1.8	9
10	Adoptive cellular immunotherapy of tumors via effective CpG delivery to dendritic cells using dendrimer-entrapped gold nanoparticles as a gene vector. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5052-5063.	2.9	30
11	A Dendrimer-Based Dual Radiodense Element-Containing Nanoplatform for Targeted Enhanced Tumor Computed Tomography Imaging. <i>Langmuir</i> , 2020, 36, 3096-3103.	1.6	15
12	LDH-stabilized ultrasmall iron oxide nanoparticles as a platform for hyaluronidase-promoted MR imaging and chemotherapy of tumors. <i>Theranostics</i> , 2020, 10, 2791-2802.	4.6	41
13	Folic acid-modified Laponite®-stabilized Fe ₃ O ₄ nanoparticles for targeted T-weighted MR imaging of tumor. <i>Applied Clay Science</i> , 2020, 186, 105447.	2.6	20
14	A polydopamine-coated LAPONITE®-stabilized iron oxide nanoplatform for targeted multimodal imaging-guided photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3856-3864.	2.9	22
15	Stem cell-mediated delivery of nanogels loaded with ultrasmall iron oxide nanoparticles for enhanced tumor MR imaging. <i>Nanoscale</i> , 2019, 11, 4904-4910.	2.8	35
16	Hyaluronic Acid-Decorated Laponite® Nanocomposites for Targeted Anticancer Drug Delivery. <i>Polymers</i> , 2019, 11, 137.	2.0	32
17	PEGylated dendrimer-entrapped gold nanoparticles with low immunogenicity for targeted gene delivery. <i>RSC Advances</i> , 2018, 8, 1265-1273.	1.7	26
18	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. <i>Pharmaceutics</i> , 2018, 10, 162.	2.0	78

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19	Loading of Indocyanine Green within Polydopamine-Coated Laponite Nanodisks for Targeted Cancer Photothermal and Photodynamic Therapy. <i>Nanomaterials</i> , 2018, 8, 347.	1.9	53
20	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 431-442.	2.6	44
21	Partially PEGylated dendrimer-entrapped gold nanoparticles: a promising nanoplatform for highly efficient DNA and siRNA delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2933-2943.	2.9	60
22	Controlled release of doxorubicin from electrospun MWCNTs/PLGA hybrid nanofibers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1047-1059.	2.0	32
23	Fusion of an albumin-binding domain extends the half-life of immunotoxins. <i>International Journal of Pharmaceutics</i> , 2016, 511, 538-549.	2.6	30
24	Mechanistic Studies of Enhanced PCR Using PEGylated PEI-Entrapped Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25808-25817.	4.0	26
25	HER2-targeted immunotoxins with low nonspecific toxicity and immunogenicity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 93-99.	1.0	14
26	LAPONITE®-stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. <i>Biomaterials Science</i> , 2016, 4, 474-482.	2.6	41
27	Dendrimer-Functionalized Laponite Nanodisks as a Platform for Anticancer Drug Delivery. <i>Nanomaterials</i> , 2015, 5, 1716-1731.	1.9	23
28	Targeted doxorubicin delivery to hepatocarcinoma cells by lactobionic acid-modified laponite nanodisks. <i>New Journal of Chemistry</i> , 2015, 39, 2847-2855.	1.4	56
29	Controlled release and targeted delivery to cancer cells of doxorubicin from polysaccharide-functionalised single-walled carbon nanotubes. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1846-1855.	2.9	56
30	Poly(L-lactide)/halloysite nanotube electrospun mats as dual-drug delivery systems and their therapeutic efficacy in infected full-thickness burns. <i>Journal of Biomaterials Applications</i> , 2015, 30, 512-525.	1.2	39
31	Partially Acetylated Dendrimer-Entrapped Gold Nanoparticles with Reduced Cytotoxicity for Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4094-4105.	0.9	33
32	Folic acid-modified laponite nanodisks for targeted anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7410-7418.	2.9	68
33	Lactobionic Acid-Modified Dendrimer-Entrapped Gold Nanoparticles for Targeted Computed Tomography Imaging of Human Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6944-6953.	4.0	120
34	Impact of Dendrimer Surface Functional Groups on the Release of Doxorubicin from Dendrimer Carriers. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1696-1706.	1.2	50
35	A novel multifunctional poly(amidoamine) dendrimeric delivery system with superior encapsulation capacity for targeted delivery of the chemotherapy drug 10-hydroxycamptothecin. <i>International Journal of Pharmaceutics</i> , 2014, 465, 378-387.	2.6	31
36	Laponite Nanodisks as an Efficient Platform for Doxorubicin Delivery to Cancer Cells. <i>Langmuir</i> , 2013, 29, 5030-5036.	1.6	169

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37	Dendrimer-stabilized bismuth sulfide nanoparticles: synthesis, characterization, and potential computed tomography imaging applications. <i>Analyst, The</i> , 2013, 138, 3172.	1.7	66
38	Carbon nanotube-incorporated multilayered cellulose acetate nanofibers for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2013, 91, 419-427.	5.1	97
39	Controlled release and antibacterial activity of antibiotic-loaded electrospun halloysite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 148-155.	2.5	165
40	Dendrimers in Cancer Therapeutics and Diagnosis. <i>Current Drug Metabolism</i> , 2012, 13, 1097-1109.	0.7	37
41	A highly effective polymerase chain reaction enhancer based on dendrimer-entrapped gold nanoparticles. <i>Analyst, The</i> , 2012, 137, 223-228.	1.7	34
42	Efficient Catalytic Reduction of Hexavalent Chromium Using Palladium Nanoparticle-Immobilized Electrospun Polymer Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3054-3061.	4.0	179
43	Facile formation of dendrimer-stabilized gold nanoparticles modified with diatrizoic acid for enhanced computed tomography imaging applications. <i>Nanoscale</i> , 2012, 4, 6768.	2.8	86
44	Dendrimer-mediated synthesis and shape evolution of gold-silver alloy nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 405, 22-29.	2.3	27
45	Synthesis of glycoconjugated poly(amidoamine) dendrimers for targeting human liver cancer cells. <i>RSC Advances</i> , 2012, 2, 99-102.	1.7	37
46	Biocompatibility of Electrospun Halloysite Nanotube-Doped Poly(Lactic-co-Glycolic Acid) Composite Nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 299-313.	1.9	86
47	Enhancing the specificity and efficiency of polymerase chain reaction using polyethyleneimine-based derivatives and hybrid nanocomposites. <i>International Journal of Nanomedicine</i> , 2012, 7, 1069.	3.3	35
48	Dendrimer-entrapped gold nanoparticles as potential CT contrast agents for blood pool imaging. <i>Nanoscale Research Letters</i> , 2012, 7, 190.	3.1	40
49	Fabrication and morphology control of electrospun poly(¹³ C-glutamic acid) nanofibers for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 89, 254-264.	2.5	70
50	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized gold-silver alloy nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 58-67.	2.5	57
51	PEGylated dendrimer-entrapped gold nanoparticles for in vivo blood pool and tumor imaging by computed tomography. <i>Biomaterials</i> , 2012, 33, 1107-1119.	5.7	367
52	Gene delivery using dendrimer-entrapped gold nanoparticles as nonviral vectors. <i>Biomaterials</i> , 2012, 33, 3025-3035.	5.7	226
53	Enhanced dechlorination of trichloroethylene using electrospun polymer nanofibrous mats immobilized with iron/palladium bimetallic nanoparticles. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 349-356.	6.5	65
54	Enhanced X-ray attenuation property of dendrimer-entrapped gold nanoparticles complexed with diatrizoic acid. <i>Journal of Materials Chemistry</i> , 2011, 21, 5120.	6.7	74

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55	Fabrication and characterization of water-stable electrospun polyethyleneimine/polyvinyl alcohol nanofibers with super dyesorption capability. <i>New Journal of Chemistry</i> , 2011, 35, 360-368.	1.4	53
56	Targeted delivery of doxorubicin into cancer cells using a folic acid-dendrimer conjugate. <i>Polymer Chemistry</i> , 2011, 2, 1754.	1.9	142
57	Exploring the dark side of MTT viability assay of cells cultured onto electrospun PLGA-based composite nanofibrous scaffolding materials. <i>Analyst, The</i> , 2011, 136, 2897.	1.7	37
58	Facile immobilization of gold nanoparticles into electrospun polyethyleneimine/polyvinyl alcohol nanofibers for catalytic applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 4493.	6.7	178
59	Aminopropyltriethoxysilane-mediated surface functionalization of hydroxyapatite nanoparticles: synthesis, characterization, and in vitro toxicity assay. <i>International Journal of Nanomedicine</i> , 2011, 6, 3449.	3.3	65
60	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. <i>International Journal of Nanomedicine</i> , 2011, 6, 2337.	3.3	41
61	Encapsulation of 2-methoxyestradiol within multifunctional poly(amidoamine) dendrimers for targeted cancer therapy. <i>Biomaterials</i> , 2011, 32, 3322-3329.	5.7	184
62	Synthesis and Antitumoral Activity of Gelatin/Polyoxometalate Hybrid Nanoparticles. <i>Macromolecular Bioscience</i> , 2011, 11, 839-847.	2.1	39
63	Acetylation of dendrimer-entrapped gold nanoparticles: Synthesis, stability, and X-ray attenuation properties. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1673-1682.	1.3	65
64	Improved cellular response on multiwalled carbon nanotube-incorporated electrospun polyvinyl alcohol/chitosan nanofibrous scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 528-535.	2.5	138
65	Computed tomography imaging of cancer cells using acetylated dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2011, 32, 2979-2988.	5.7	214
66	Fabrication of multiwalled carbon nanotube-reinforced electrospun polymer nanofibers containing zero-valent iron nanoparticles for environmental applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 5700.	6.7	108
67	Fabrication of water-stable electrospun polyacrylic acid-based nanofibrous mats for removal of copper (II) ions in aqueous solution. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2409-2417.	1.3	19
68	X-ray Attenuation Property of Dendrimer-Entrapped Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 50-56.	1.5	149
69	Electrospun poly(lactic-co-glycolic acid)/halloysite nanotube composite nanofibers for drug encapsulation and sustained release. <i>Journal of Materials Chemistry</i> , 2010, 20, 10622.	6.7	249
70	Multifunctional Nanocarriers for Cell Imaging, Drug Delivery, and Near-IR Photothermal Therapy. <i>Langmuir</i> , 2010, 26, 5428-5434.	1.6	174
71	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. <i>Polymer Chemistry</i> , 2010, 1, 1677.	1.9	88
72	Effect of the Porous Microstructures of Poly(lactic-co-glycolic acid)/Carbon Nanotube Composites on the Growth of Fibroblast Cells. <i>Soft Materials</i> , 2010, 8, 239-253.	0.8	37

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73	Effect of Processing Variables on the Morphology of Electrospun Poly[(lactic acid)-co-(glycolic)] Tj ETQq1,1,0.784314 rgBT 0	1.7	82
74	Dual-Functional Alginic Acid Hybrid Nanospheres for Cell Imaging and Drug Delivery. <i>Small</i> , 2009, 5, 709-717.	5.2	65
75	Immobilization of Zerovalent Iron Nanoparticles into Electrospun Polymer Nanofibers: Synthesis, Characterization, and Potential Environmental Applications. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18062-18068.	1.5	123
76	Polyelectrolyte Multilayer-Assisted Immobilization of Zero-Valent Iron Nanoparticles onto Polymer Nanofibers for Potential Environmental Applications. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2848-2855.	4.0	72
77	Direct Facile Approach to the Fabrication of Chitosan-Gold Hybrid Nanospheres. <i>Langmuir</i> , 2008, 24, 3459-3464.	1.6	48
78	Superior antitumor efficiency of cisplatin-loaded nanoparticles by intratumoral delivery with decreased tumor metabolism rate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 726-734.	2.0	115
79	Synthesis of Alginic Acid-Poly[2-(diethylamino)ethyl methacrylate] Monodispersed Nanoparticles by a Polymer-Monomer Pair Reaction System. <i>Biomacromolecules</i> , 2007, 8, 843-850.	2.6	42
80	New approach for the preparation of nanoporous polyorganosilicate low-k films. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1238-1243.	1.3	2
81	10-Hydroxycamptothecin loaded nanoparticles: Preparation and antitumor activity in mice. <i>Journal of Controlled Release</i> , 2007, 119, 153-162.	4.8	136