Rui Guo

List of Publications by Year
in descending order

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Version: 2024-02-01

139 papers	8,477 citations	30070 54 h-index	51608 86 g-index
139 all docs	139 docs citations	139 times ranked	10908 citing authors

#	Article	IF	Citations
1	Graphene quantum dotsâ€based targeted nanoprobes detecting drug delivery, imaging, and enhanced chemotherapy of nasopharyngeal carcinoma. Bioengineering and Translational Medicine, 2022, 7, e10270.	7.1	16
2	Icariin activates autophagy to trigger TGFÎ²1 upregulation and promote angiogenesis in EA.hy926 human vascular endothelial cells. Bioengineered, 2022, 13, 164-177.	3.2	9
3	Multifunctional electrospun asymmetric wettable membrane containing black phosphorus/Rg1 for enhancing infected wound healing. Bioengineering and Translational Medicine, 2022, 7, e10274.	7.1	12
4	Effective CpG Delivery Using Zwitterion-Functionalized Dendrimer-Entrapped Gold Nanoparticles to Promote T Cell-Mediated Immunotherapy of Cancer Cells. Biosensors, 2022, 12, 71.	4.7	4
5	A Composite Hydrogel Containing Mesoporous Silica Nanoparticles Loaded With Artemisia argyi Extract for Improving Chronic Wound Healing. Frontiers in Bioengineering and Biotechnology, 2022, 10, 825339.	4.1	18
6	An <scp>EPO</scp>â€loaded multifunctional hydrogel synergizing with adiposeâ€derived stem cells restores neurogenic erectile function via enhancing nerve regeneration and penile rehabilitation. Bioengineering and Translational Medicine, 2022, 7, .	7.1	7
7	Targeted delivery of DOX by transferrin conjugated DSPE-PEG nanoparticles in leukemia therapy. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 27-36.	3.4	8
8	2D Nanomaterials for Tissue Engineering and Regenerative Nanomedicines: Recent Advances and Future Challenges. Advanced Healthcare Materials, 2021, 10, e2001743.	7.6	88
9	Bioink Formulations for Bone Tissue Regeneration. Frontiers in Bioengineering and Biotechnology, 2021, 9, 630488.	4.1	25
10	Polydopamine-Coated Laponite Nanoplatforms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. Nanomaterials, 2021, 11, 394.	4.1	18
11	A composite hydrogel with co-delivery of antimicrobial peptides and platelet-rich plasma to enhance healing of infected wounds in diabetes. Acta Biomaterialia, 2021, 124, 205-218.	8.3	137
12	Black phosphorus nanosheets and paclitaxel encapsulated hydrogel for synergistic photothermal-chemotherapy. Nanophotonics, 2021, 10, 2625-2637.	6.0	7
13	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. Pharmaceutics, 2021, 13, 995.	4.5	9
14	Preparation and Application of Quaternized Chitosan- and AgNPs-Base Synergistic Antibacterial Hydrogel for Burn Wound Healing. Molecules, 2021, 26, 4037.	3.8	29
15	Editorial: Advanced Biomaterials and Systems Releasing Bioactive Agents for Precise Tissue Regeneration. Frontiers in Bioengineering and Biotechnology, 2021, 9, 763685.	4.1	0
16	Bioprinting of a Blue Light-Cross-Linked Biodegradable Hydrogel Encapsulating Amniotic Mesenchymal Stem Cells for Intrauterine Adhesion Prevention. ACS Omega, 2021, 6, 23067-23075.	3.5	20
17	Chitosan-based nanoparticle co-delivery of docetaxel and curcumin ameliorates anti-tumor chemoimmunotherapy in lung cancer. Carbohydrate Polymers, 2021, 268, 118237.	10.2	63
18	Construction of multi-scale vascular chips and modelling of the interaction between tumours and blood vessels. Materials Horizons, 2020, 7, 82-92.	12.2	55

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19	Novel T7-Modified pH-Responsive Targeted Nanosystem for Co-Delivery of Docetaxel and Curcumin in the Treatment of Esophageal Cancer . International Journal of Nanomedicine, 2020, Volume 15, 7745-7762.	6.7	15
20	Enhanced recruitment and hematopoietic reconstitution of bone marrowâ€derived mesenchymal stem cells in bone marrow failure by the SDFâ€1/CXCR4. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1250-1260.	2.7	6
21	Injectable supramolecular gelatin hydrogel loading of resveratrol and histatin-1 for burn wound therapy. Biomaterials Science, 2020, 8, 4810-4820.	5.4	40
22	Antibiotic-loaded chitosan-gelatin scaffolds for infected seawater immersion wound healing. International Journal of Biological Macromolecules, 2020, 159, 1140-1155.	7.5	33
23	Functionalized GO Nanovehicles with Nitric Oxide Release and Photothermal Activity-Based Hydrogels for Bacteria-Infected Wound Healing. ACS Applied Materials & Interfaces, 2020, 12, 28952-28964.	8.0	70
24	Dextran methacrylate hydrogel microneedles loaded with doxorubicin and trametinib for continuous transdermal administration of melanoma. Carbohydrate Polymers, 2020, 246, 116650.	10.2	72
25	A novel 3D printing PCL/GelMA scaffold containing USPIO for MRI-guided bile duct repair. Biomedical Materials (Bristol), 2020, 15, 045004.	3.3	31
26	Nanoparticle-Mediated Delivery of Emodin via Colonic Irrigation Attenuates Renal Injury in 5/6 Nephrectomized Rats. Frontiers in Pharmacology, 2020, 11, 606227.	3.5	13
27	Real-time and noninvasive tracking of injectable hydrogel degradation using functionalized AIE nanoparticles. Nanophotonics, 2020, 9, 2063-2075.	6.0	20
28	Enhanced cutaneous wound healing by functional injectable thermo-sensitive chitosan-based hydrogel encapsulated human umbilical cord-mesenchymal stem cells. International Journal of Biological Macromolecules, 2019, 137, 433-441.	7.5	54
29	In situ formed anti-inflammatory hydrogel loading plasmid DNA encoding VEGF for burn wound healing. Acta Biomaterialia, 2019, 100, 191-201.	8.3	142
30	Co-encapsulation of magnetic Fe ₃ O ₄ nanoparticles and doxorubicin into biocompatible PLGA-PEG nanocarriers for early detection and treatment of tumours. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 4211-4221.	2.8	19
31	Functionalization of Novel Theranostic Hydrogels with Kartogenin-Grafted USPIO Nanoparticles To Enhance Cartilage Regeneration. ACS Applied Materials & Interfaces, 2019, 11, 34744-34754.	8.0	56
32	tLyp-1-conjugated GSH-sensitive biodegradable micelles mediate enhanced pUNO1-hTRAILa/curcumin co-delivery to gliomas. Chemical Engineering Journal, 2019, 374, 392-404.	12.7	23
33	Functionalization of SF/HAP Scaffold with GO-PEI-miRNA inhibitor Complexes to Enhance Bone Regeneration through Activating Transcription Factor 4. Theranostics, 2019, 9, 4525-4541.	10.0	43
34	A polydopamine-coated LAPONITEÂ®-stabilized iron oxide nanoplatform for targeted multimodal imaging-guided photothermal cancer therapy. Journal of Materials Chemistry B, 2019, 7, 3856-3864.	5.8	22
35	Preparation and characterization of 3D porous conductive scaffolds with magnetic resonance enhancement in tissue engineering. Biomedical Materials (Bristol), 2019, 14, 045013.	3.3	14
36	Injectable stem cell-laden supramolecular hydrogels enhance in situ osteochondral regeneration via the sustained co-delivery of hydrophilic and hydrophobic chondrogenic molecules. Biomaterials, 2019, 210, 51-61.	11.4	179

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37	Controlled-release neurotensin-loaded silk fibroin dressings improve wound healing in diabetic rat model. Bioactive Materials, 2019, 4, 151-159.	15.6	48
38	Hydroxyapatite/silk fibroin composite biomimetic scaffold for dental pulp repair. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 231-238.	0.9	9
39	Preparation and characterisation of a novel silk fibroin/hyaluronic acid/sodium alginate scaffold for skin repair. International Journal of Biological Macromolecules, 2019, 130, 58-67.	7.5	74
40	Preparation and characterization of the collagen/cellulose nanocrystals/USPIO scaffolds loaded kartogenin for cartilage regeneration. Materials Science and Engineering C, 2019, 99, 1362-1373.	7.3	38
41	Stem cell-mediated delivery of nanogels loaded with ultrasmall iron oxide nanoparticles for enhanced tumor MR imaging. Nanoscale, 2019, 11, 4904-4910.	5.6	35
42	Hyaluronic Acid-Decorated LaponiteÂ® Nanocomposites for Targeted Anticancer Drug Delivery. Polymers, 2019, 11, 137.	4.5	32
43	Preparation of Antimicrobial Hyaluronic Acid/Quaternized Chitosan Hydrogels for the Promotion of Seawater-Immersion Wound Healing. Frontiers in Bioengineering and Biotechnology, 2019, 7, 360.	4.1	47
44	Sgc8 aptamer targeted glutathione-responsive nanoassemblies containing Ara-C prodrug for the treatment of acute lymphoblastic leukemia. Nanoscale, 2019, 11, 23000-23012.	5.6	24
45	Exercise and retinal health. Restorative Neurology and Neuroscience, 2019, 37, 571-581.	0.7	2
46	Novel hyaluronic acid coated hydrophobically modified chitosan polyelectrolyte complex for the delivery of doxorubicin. International Journal of Biological Macromolecules, 2019, 126, 254-261.	7.5	31
47	Neurotensin-loaded PLGA/CNC composite nanofiber membranes accelerate diabetic wound healing. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 493-501.	2.8	47
48	Targeted delivery of SNX-2112 by polysaccharide-modified graphene oxide nanocomposites for treatment of lung cancer. Carbohydrate Polymers, 2018, 185, 85-95.	10.2	39
49	PEGylated dendrimer-entrapped gold nanoparticles with low immunogenicity for targeted gene delivery. RSC Advances, 2018, 8, 1265-1273.	3.6	26
50	Targeted multifunctional redox-sensitive micelle co-delivery of DNA and doxorubicin for the treatment of breast cancer. Journal of Materials Chemistry B, 2018, 6, 3372-3386.	5.8	28
51	Preparation and characterization of gentamycin sulfate-impregnated gelatin microspheres/collagenâ€“cellulose/nanocrystal scaffolds. Polymer Bulletin, 2018, 75, 77-91.	3.3	10
52	Synthesis of N-alkylated chitosan and its interactions with blood. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 544-550.	2.8	12
53	Applications and Prospects of Non-viral Vectors in Bone Regeneration. Current Gene Therapy, 2018, 18, 21-28.	2.0	9
54	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. Pharmaceutics, 2018, 10, 162.	4.5	78

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55	Nanoparticle-mediated delivery of Tanshinone IIA reduces adverse cardiac remodeling following myocardial infarctions in a mice model: role of NF-Î¹B pathway. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 707-716.	2.8	21
56	Controlled Release of BMP-2 from a Heparin-Conjugated Strontium-Substituted Nanohydroxyapatite/Silk Fibroin Scaffold for Bone Regeneration. ACS Biomaterials Science and Engineering, 2018, 4, 3291-3303.	5.2	25
57	Enhanced healing activity of burn wound infection by a dextran-HA hydrogel enriched with sanguinarine. Biomaterials Science, 2018, 6, 2472-2486.	5.4	79
58	Non-invasive monitoring of in vivo hydrogel degradation and cartilage regeneration by multiparametric MR imaging. Theranostics, 2018, 8, 1146-1158.	10.0	75
59	Loading of Indocyanine Green within Polydopamine-Coated Laponite Nanodisks for Targeted Cancer Photothermal and Photodynamic Therapy. Nanomaterials, 2018, 8, 347.	4.1	53
60	Curcumin-loaded PLGA-PEG nanoparticles conjugated with B6 peptide for potential use in Alzheimerâ€™s disease. Drug Delivery, 2018, 25, 1091-1102.	5.7	147
61	Hemostasis mechanism and applications of N-alkylated chitosan sponge. Polymers for Advanced Technologies, 2017, 28, 1107-1114.	3.2	41
62	A bridging SF/Alg composite scaffold loaded NGF for spinal cord injury repair. Materials Science and Engineering C, 2017, 76, 81-87.	7.3	30
63	Controlled Dual Delivery of Angiogenin and Curcumin by Electrospun Nanofibers for Skin Regeneration. Tissue Engineering - Part A, 2017, 23, 597-608.	3.1	56
64	Collagen-cellulose nanocrystal scaffolds containing curcumin-loaded microspheres on infected full-thickness burns repair. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3544-3555.	2.7	76
65	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. ACS Biomaterials Science and Engineering, 2017, 3, 431-442.	5.2	44
66	A combination of GDNF and hUCMSC transplantation loaded on SF/AGs composite scaffolds for spinal cord injury repair. Materials Science and Engineering C, 2017, 74, 230-237.	7.3	25
67	Synthesis, characterisation and preliminary investigation of the haemocompatibility of poly(d,l-lactide-co-glycolide)â€“poly(ethyleneglycol)â€“poly(d,l-lactide-co-glycolide) copolymer for simvastatin delivery. Journal of Bioactive and Compatible Polymers, 2017, 32, 641-653.	2.1	3
68	Biodegradable Highly Branched Poly(Î²-Amino Ester)s for Targeted Cancer Cell Gene Transfection. ACS Biomaterials Science and Engineering, 2017, 3, 1283-1286.	5.2	55
69	The Epigenetic Regulation in Tooth Development and Regeneration. Current Stem Cell Research and Therapy, 2017, 13, 4-15.	1.3	9
70	Modified Nanoemulsions with Iron Oxide for Magnetic Resonance Imaging. Nanomaterials, 2016, 6, 223.	4.1	8
71	Partially PEGylated dendrimer-entrapped gold nanoparticles: a promising nanoplatform for highly efficient DNA and siRNA delivery. Journal of Materials Chemistry B, 2016, 4, 2933-2943.	5.8	60
72	Controlled release of doxorubicin from electrospun MWCNTs/PLGA hybrid nanofibers. Chinese Journal of Polymer Science (English Edition), 2016, 34, 1047-1059.	3.8	32

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73	Graphene quantum dots conjugated neuroprotective peptide improve learning and memory capability. Biomaterials, 2016, 106, 98-110.	11.4	123
74	Mechanistic Studies of Enhanced PCR Using PEGylated PEI-Entrapped Gold Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 25808-25817.	8.0	26
75	Synthesis, characterisation and preliminary investigation of the haemocompatibility of polyethyleneimine-grafted carboxymethyl chitosan for gene delivery. Materials Science and Engineering C, 2016, 62, 173-182.	7.3	43
76	Polyurethane membrane/knitted mesh-reinforced collagenâ€“chitosan bilayer dermal substitute for the repair of full-thickness skin defects via a two-step procedure. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 56, 120-133.	3.1	51
77	LAPONITEÂ®-stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. Biomaterials Science, 2016, 4, 474-482.	5.4	41
78	Targeted delivery of doxorubicin by lactobionic acid-modified laponite to hepatocarcinoma cells. Journal of Controlled Release, 2015, 213, e34.	9.9	5
79	Synthesis, Characterization of Dextran Hydrogels and Their in Vitro Release of Gentamycin Sulphate. Journal of Applied Biomaterials and Functional Materials, 2015, 13, 228-233.	1.6	3
80	Dendrimer-Functionalized Laponite Nanodisks as a Platform for Anticancer Drug Delivery. Nanomaterials, 2015, 5, 1716-1731.	4.1	23
81	Targeted doxorubicin delivery to hepatocarcinoma cells by lactobionic acid-modified laponite nanodisks. New Journal of Chemistry, 2015, 39, 2847-2855.	2.8	56
82	Preparation and properties of PLGA nanofiber membranes reinforced with cellulose nanocrystals. Colloids and Surfaces B: Biointerfaces, 2015, 132, 177-184.	5.0	91
83	Fabrication and characterization of carboxymethyl chitosan/poly(vinyl alcohol) hydrogels containing alginate microspheres for protein delivery. Journal of Bioactive and Compatible Polymers, 2015, 30, 397-411.	2.1	17
84	Poly(<scp>l</scp>-lactide)/halloysite nanotube electrospun mats as dual-drug delivery systems and their therapeutic efficacy in infected full-thickness burns. Journal of Biomaterials Applications, 2015, 30, 512-525.	2.4	39
85	Partially Acetylated Dendrimer-Entrapped Gold Nanoparticles with Reduced Cytotoxicity for Gene Delivery Applications. Journal of Nanoscience and Nanotechnology, 2015, 15, 4094-4105.	0.9	33
86	InÂvitro and inÂvivo evaluation of a novel collagen/cellulose nanocrystals scaffold for achieving the sustained release of basic fibroblast growth factor. Journal of Biomaterials Applications, 2015, 29, 882-893.	2.4	71
87	Folic acid-modified laponite nanodisks for targeted anticancer drug delivery. Journal of Materials Chemistry B, 2014, 2, 7410-7418.	5.8	68
88	Lactobionic Acid-Modified Dendrimer-Entrapped Gold Nanoparticles for Targeted Computed Tomography Imaging of Human Hepatocellular Carcinoma. ACS Applied Materials & Interfaces, 2014, 6, 6944-6953.	8.0	120
89	Impact of Dendrimer Surface Functional Groups on the Release of Doxorubicin from Dendrimer Carriers. Journal of Physical Chemistry B, 2014, 118, 1696-1706.	2.6	50
90	Therapeutic efficacy of antibiotic-loaded gelatin microsphere/silk fibroin scaffolds in infected full-thickness burns. Acta Biomaterialia, 2014, 10, 3167-3176.	8.3	81

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91	Novel alginate coated hydrophobically modified chitosan polyelectrolyte complex for the delivery of BSA. Journal of Materials Science: Materials in Medicine, 2013, 24, 2093-2100.	3.6	20
92	Laponite Nanodisks as an Efficient Platform for Doxorubicin Delivery to Cancer Cells. Langmuir, 2013, 29, 5030-5036.	3.5	169
93	Dendrimer-stabilized bismuth sulfide nanoparticles: synthesis, characterization, and potential computed tomography imaging applications. Analyst, The, 2013, 138, 3172.	3.5	66
94	Carbon nanotube-incorporated multilayered cellulose acetate nanofibers for tissue engineering applications. Carbohydrate Polymers, 2013, 91, 419-427.	10.2	97
95	Controlled release and antibacterial activity of antibiotic-loaded electrospun halloysite/poly(lactic-co-glycolic acid) composite nanofibers. Colloids and Surfaces B: Biointerfaces, 2013, 110, 148-155.	5.0	165
96	Dendrimers in Cancer Therapeutics and Diagnosis. Current Drug Metabolism, 2012, 13, 1097-1109.	1.2	37
97	A highly effective polymerase chain reactionenhancer based on dendrimer-entrapped gold nanoparticles. Analyst, The, 2012, 137, 223-228.	3.5	34
98	Facile one-pot preparation, surface functionalization, and toxicity assay of APTS-coated iron oxide nanoparticles. Nanotechnology, 2012, 23, 105601.	2.6	111
99	Efficient Catalytic Reduction of Hexavalent Chromium Using Palladium Nanoparticle-Immobilized Electrospun Polymer Nanofibers. ACS Applied Materials & Interfaces, 2012, 4, 3054-3061.	8.0	179
100	Facile formation of dendrimer-stabilized gold nanoparticles modified with diatrizoic acid for enhanced computed tomography imaging applications. Nanoscale, 2012, 4, 6768.	5.6	86
101	Dendrimer-mediated synthesis and shape evolution of goldâ€“silver alloy nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 405, 22-29.	4.7	27
102	Synthesis of glycoconjugated poly(amindoamine) dendrimers for targeting human liver cancer cells. RSC Advances, 2012, 2, 99-102.	3.6	37
103	Biocompatibility of Electrospun Halloysite Nanotube-Doped Poly(Lactic-co-Glycolic Acid) Composite Nanofibers. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 299-313.	3.5	86
104	Enhancing the specificity and efficiency of polymerase chain reaction using polyethyleneimine-based derivatives and hybrid nanocomposites. International Journal of Nanomedicine, 2012, 7, 1069.	6.7	35
105	Dendrimer-entrapped gold nanoparticles as potential CT contrast agents for blood pool imaging. Nanoscale Research Letters, 2012, 7, 190.	5.7	40
106	Fabrication and morphology control of electrospun poly(Î³-glutamic acid) nanofibers for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2012, 89, 254-264.	5.0	70
107	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized goldâ€“silver alloy nanoparticles. Colloids and Surfaces B: Biointerfaces, 2012, 94, 58-67.	5.0	57
108	PEGylated dendrimer-entrapped gold nanoparticles for inÂvivo blood pool and tumor imaging by computed tomography. Biomaterials, 2012, 33, 1107-1119.	11.4	367

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109	Gene delivery using dendrimer-entrapped gold nanoparticles as nonviral vectors. Biomaterials, 2012, 33, 3025-3035.	11.4	226
110	Enhanced dechlorination of trichloroethylene using electrospun polymer nanofibrous mats immobilized with iron/palladium bimetallic nanoparticles. Journal of Hazardous Materials, 2012, 211-212, 349-356.	12.4	65
111	Enhanced X-ray attenuation property of dendrimer-entrapped gold nanoparticles complexed with diatrizoic acid. Journal of Materials Chemistry, 2011, 21, 5120.	6.7	74
112	Fabrication and characterization of water-stable electrospun polyethyleneimine/polyvinyl alcohol nanofibers with super dyesorption capability. New Journal of Chemistry, 2011, 35, 360-368.	2.8	53
113	Targeted delivery of doxorubicin into cancer cells using a folic acidâ€“dendrimer conjugate. Polymer Chemistry, 2011, 2, 1754.	3.9	142
114	Exploring the dark side of MTT viability assay of cells cultured onto electrospun PLGA-based composite nanofibrous scaffolding materials. Analyst, The, 2011, 136, 2897.	3.5	37
115	Facile immobilization of gold nanoparticles into electrospun polyethyleneimine/polyvinyl alcohol nanofibers for catalytic applications. Journal of Materials Chemistry, 2011, 21, 4493.	6.7	178
116	Aminopropyltriethoxysilane-mediated surface functionalization of hydroxyapatite nanoparticles: synthesis, characterization, and in vitro toxicity assay. International Journal of Nanomedicine, 2011, 6, 3449.	6.7	65
117	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. International Journal of Nanomedicine, 2011, 6, 2337.	6.7	41
118	Encapsulation of 2-methoxyestradiol within multifunctional poly(amidoamine) dendrimers for targeted cancer therapy. Biomaterials, 2011, 32, 3322-3329.	11.4	184
119	Synthesis and Antitumoral Activity of Gelatin/Polyoxometalate Hybrid Nanoparticles. Macromolecular Bioscience, 2011, 11, 839-847.	4.1	39
120	Acetylation of dendrimerâ€entrapped gold nanoparticles: Synthesis, stability, and Xâ€ray attenuation properties. Journal of Applied Polymer Science, 2011, 119, 1673-1682.	2.6	65
121	Improved cellular response on multiwalled carbon nanotube-incorporated electrospun polyvinyl alcohol/chitosan nanofibrous scaffolds. Colloids and Surfaces B: Biointerfaces, 2011, 84, 528-535.	5.0	138
122	Computed tomography imaging of cancer cells using acetylated dendrimer-entrapped gold nanoparticles. Biomaterials, 2011, 32, 2979-2988.	11.4	214
123	Fabrication of multiwalled carbon nanotube-reinforced electrospun polymer nanofibers containing zero-valent iron nanoparticles for environmental applications. Journal of Materials Chemistry, 2010, 20, 5700.	6.7	108
124	Fabrication of waterâ€stable electrospun polyacrylic acidâ€based nanofibrous mats for removal of copper (II) ions in aqueous solution. Journal of Applied Polymer Science, 2010, 116, 2409-2417.	2.6	19
125	X-ray Attenuation Property of Dendrimer-Entrapped Gold Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 50-56.	3.1	149
126	Electrospun poly(lactic-co-glycolic acid)/halloysite nanotube composite nanofibers for drug encapsulation and sustained release. Journal of Materials Chemistry, 2010, 20, 10622.	6.7	249

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127	Multifunctional Nanocarriers for Cell Imaging, Drug Delivery, and Near-IR Photothermal Therapy. Langmuir, 2010, 26, 5428-5434.	3.5	174
128	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. Polymer Chemistry, 2010, 1, 1677.	3.9	88
129	Effect of the Porous Microstructures of Poly(lactic-co-glycolic acid)/Carbon Nanotube Composites on the Growth of Fibroblast Cells. Soft Materials, 2010, 8, 239-253.	1.7	37
130	Effect of Processing Variables on the Morphology of Electrospun Poly[(lactic acid)â€‹coâ€‹(glycolic) Tj ETQq0 0 0 rgBT /Overlock 1	3.6	82
131	Dualâ€‹Functional Alginic Acid Hybrid Nanospheres for Cell Imaging and Drug Delivery. Small, 2009, 5, 709-717.	10.0	65
132	Immobilization of Zerovalent Iron Nanoparticles into Electrospun Polymer Nanofibers: Synthesis, Characterization, and Potential Environmental Applications. Journal of Physical Chemistry C, 2009, 113, 18062-18068.	3.1	123
133	Polyelectrolyte Multilayer-Assisted Immobilization of Zero-Valent Iron Nanoparticles onto Polymer Nanofibers for Potential Environmental Applications. ACS Applied Materials & Interfaces, 2009, 1, 2848-2855.	8.0	72
134	Direct Facile Approach to the Fabrication of Chitosanâ^'Gold Hybrid Nanospheres. Langmuir, 2008, 24, 3459-3464.	3.5	48
135	Superior antitumor efficiency of cisplatin-loaded nanoparticles by intratumoral delivery with decreased tumor metabolism rate. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 726-734.	4.3	115
136	Synthesis of Alginic Acidâ^'Poly[2-(diethylamino)ethyl methacrylate] Monodispersed Nanoparticles by a Polymerâ^'Monomer Pair Reaction System. Biomacromolecules, 2007, 8, 843-850.	5.4	42
137	New approach for the preparation of nanoporous polyorganosilicate low-k films. Journal of Applied Polymer Science, 2007, 103, 1238-1243.	2.6	2
138	10-Hydroxycamptothecin loaded nanoparticles: Preparation and antitumor activity in mice. Journal of Controlled Release, 2007, 119, 153-162.	9.9	136
139	Chitosan Surface-Modified Hydroxycamptothecin Loaded Nanoparticles with Enhanced Transport Across Caco-2 Cell Monolayer. Journal of Nanoscience and Nanotechnology, 2006, 6, 2912-2920.	0.9	18