

Zhijun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

12,903
citations

28274

55
h-index

24982

109
g-index

163
all docs

163
docs citations

163
times ranked

18806
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vivo</i> CT imaging tracking of stem cells labeled with Au nanoparticles. <i>View</i> , 2022, 3, 20200119.	5.3	16
2	Extracellular vesicles from adipose-derived stem cells promote microglia M2 polarization and neurological recovery in a mouse model of transient middle cerebral artery occlusion. <i>Stem Cell Research and Therapy</i> , 2022, 13, 21.	5.5	14
3	Neural stem cell-laden 3D bioprinting of polyphenol-doped electroconductive hydrogel scaffolds for enhanced neuronal differentiation. <i>Materials Science and Engineering C</i> , 2022, 133, 112639.	7.3	24
4	CT/bioluminescence dual-modal imaging tracking of stem cells labeled with Au@PEI@PEG nanotracers and RfLuc in nintedanib-assisted pulmonary fibrosis therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 41, 102517.	3.3	1
5	<i>In vivo</i> MRI tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with ferrimagnetic vortex iron oxide nanorings for liver fibrosis repair. <i>Nanoscale</i> , 2022, 14, 5227-5238.	5.6	4
6	Oligodendrocyte precursor cell transplantation promotes angiogenesis and remyelination via Wnt/ β -catenin pathway in a mouse model of middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 757-770.	4.3	19
7	Recent Development of Conductive Hydrogels for Tissue Engineering: Review and Perspective. <i>Macromolecular Bioscience</i> , 2022, 22, e2200051.	4.1	18
8	Au@Pt nanozyme-based multifunctional hydrogel dressing for diabetic wound healing. , 2022, 137, 212869.		25
9	Development and Characterization of Complementary Polymer Network Biinks for 3D Bioprinting of Soft Tissue Constructs. <i>Macromolecular Bioscience</i> , 2022, 22, .	4.1	6
10	Enhanced and long-term CT imaging tracking of transplanted stem cells labeled with temperature-responsive gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2854-2865.	5.8	16
11	Functionalized graphene oxide as a nanocarrier for multiple suppressive miRNAs to inhibit human intrahepatic cholangiocarcinoma. <i>Nano Select</i> , 2021, 2, 1372-1384.	3.7	2
12	Native and Bioengineered Exosomes for Ischemic Stroke Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 619565.	3.7	41
13	Micro/nano materials regulate cell morphology and intercellular communication by extracellular vesicles. <i>Acta Biomaterialia</i> , 2021, 124, 130-138.	8.3	8
14	Bi-functional gold nanocages enhance specific immunological responses of foot-and-mouth disease virus-like particles vaccine as a carrier and adjuvant. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102358.	3.3	10
15	3D bioprinted neural tissue constructs for spinal cord injury repair. <i>Biomaterials</i> , 2021, 272, 120771.	11.4	121
16	BK Channel-Mediated Microglial Phagocytosis Alleviates Neurological Deficit After Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 683769.	3.7	17
17	pH-triggered Aggregation of Gold Nanoparticles for Enhanced Labeling and Long-term CT Imaging Tracking of Stem Cells in Pulmonary Fibrosis Treatment. <i>Small</i> , 2021, 17, e2101861.	10.0	23
18	Improved oral delivery of insulin by PLGA nanoparticles coated with 5 β -cholic acid conjugated glycol chitosan. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 064103.	3.3	10

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19	M2 microglial small extracellular vesicles reduce glial scar formation <i>via</i> the miR-124/STAT3 pathway after ischemic stroke in mice. <i>Theranostics</i> , 2021, 11, 1232-1248.	10.0	90
20	Highly resilient, biocompatible, and antibacterial carbon nanotube/hydroxybutyl chitosan sponge dressing for rapid and effective hemostasis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9754-9763.	5.8	18
21	DNA-coated gold nanoparticles for tracking of hepatocyte growth factor secreted by transplanted mesenchymal stem cells in pulmonary fibrosis therapy. <i>Biomaterials Science</i> , 2021, , .	5.4	2
22	Stroke subtype-dependent synapse elimination by reactive gliosis in mice. <i>Nature Communications</i> , 2021, 12, 6943.	12.8	84
23	Facile engineering of ECM-mimetic injectable dual crosslinking hydrogels with excellent mechanical resilience, tissue adhesion, and biocompatibility. <i>Journal of Materials Chemistry B</i> , 2021, 9, 10003-10014.	5.8	12
24	Oligodendrocyte Precursor Cells Transplantation Improves Stroke Recovery <i>via</i> Oligodendrogenesis, Neurite Growth and Synaptogenesis. , 2021, 12, 2096.		14
25	Microglia exacerbate white matter injury via complement C3/C3aR pathway after hypoperfusion. <i>Theranostics</i> , 2020, 10, 74-90.	10.0	106
26	One-pot preparation of zwitterionic graphene nanosheets with exceptional redispersibility and its application in pickering emulsions. <i>Carbon</i> , 2020, 157, 448-456.	10.3	9
27	Oligodendrocyte precursor cells transplantation protects blood-brain barrier in a mouse model of brain ischemia via Wnt/ β^2 -catenin signaling. <i>Cell Death and Disease</i> , 2020, 11, 9.	6.3	64
28	MicroRNA-126-3p/-5p Overexpression Attenuates Blood-Brain Barrier Disruption in a Mouse Model of Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2020, 51, 619-627.	2.0	78
29	Endothelial progenitor cell transplantation alleviated ischemic brain injury via inhibiting C3/C3aR pathway in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2374-2386.	4.3	17
30	Solvent-controlled Topological Evolution from Nanospheres to Superhelices. <i>Small</i> , 2020, 16, 2004756.	10.0	14
31	Fingolimod Inhibits Inflammation but Exacerbates Brain Edema in the Acute Phases of Cerebral Ischemia in Diabetic Mice. <i>Frontiers in Neuroscience</i> , 2020, 14, 842.	2.8	14
32	The Function of Astrocyte Mediated Extracellular Vesicles in Central Nervous System Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 568889.	3.7	44
33	Sestrin2 regulates microglia polarization through mTOR-mediated autophagic flux to attenuate inflammation during experimental brain ischemia. <i>Journal of Neuroinflammation</i> , 2020, 17, 329.	7.2	52
34	Farnesoid X receptor knockout protects brain against ischemic injury through reducing neuronal apoptosis in mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 164.	7.2	26
35	Hyaluronic Acid-Modified Au-Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag ⁺ Multimodal Synergistically Enhanced Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1756-1765.	3.6	43
36	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6115-6127.	5.8	41

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37	CT/MR Dual-Modality Imaging Tracking of Mesenchymal Stem Cells Labeled with a Au/GdNC@SiO ₂ Nanotracer in Pulmonary Fibrosis. ACS Applied Bio Materials, 2020, 3, 2489-2498.	4.6	5
38	CT/NIRF dual-modal imaging tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with Au nanoparticles in silica-induced pulmonary fibrosis. Journal of Materials Chemistry B, 2020, 8, 1713-1727.	5.8	27
39	Near-infrared-persistent luminescence/bioluminescence imaging tracking of transplanted mesenchymal stem cells in pulmonary fibrosis. Biomaterials Science, 2020, 8, 3095-3105.	5.4	11
40	DL-3n-Butylphthalide Improves Bloodâ€ Brain Barrier Integrity in Rat After Middle Cerebral Artery Occlusion. Frontiers in Cellular Neuroscience, 2020, 14, 610714.	3.7	15
41	Dl-3-N-butylphthalide attenuates ischemic reperfusion injury by improving the function of cerebral artery and circulation. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2011-2021.	4.3	62
42	Rapamycin Increases Collateral Circulation in Rodent Brain after Focal Ischemia as detected by Multiple Modality Dynamic Imaging. Theranostics, 2019, 9, 4923-4934.	10.0	28
43	Significance of Complement System in Ischemic Stroke: A Comprehensive Review. , 2019, 10, 429.		75
44	Presynaptic Endosomal Cathepsin D Regulates the Biogenesis of GABAergic Synaptic Vesicles. Cell Reports, 2019, 28, 1015-1028.e5.	6.4	17
45	Reduction of Brain Injury After Stroke in Hyperglycemic Rats via Fasudil Pretreatment. Journal of Shanghai Jiaotong University (Science), 2019, 24, 723-731.	0.9	0
46	CT/Bioluminescence Dualâ€ Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. Small, 2019, 15, e1904314.	10.0	27
47	Dynamic Detection of Thrombolysis in Embolic Stroke Rats by Synchrotron Radiation Angiography. Translational Stroke Research, 2019, 10, 695-704.	4.2	8
48	M2 microglia-derived exosomes protect the mouse brain from ischemia-reperfusion injury via exosomal miR-124. Theranostics, 2019, 9, 2910-2923.	10.0	301
49	<p>Promoting tendon to bone integration using graphene oxide-doped electrospun poly(lactic-co-glycolic acid) nanofibrous membrane<p>. International Journal of Nanomedicine, 2019, Volume 14, 1835-1847.	6.7	41
50	MicroRNA-126 Regulates Angiogenesis and Neurogenesis in a Mouse Model of Focal Cerebral Ischemia. Molecular Therapy - Nucleic Acids, 2019, 16, 15-25.	5.1	61
51	Release of methylene blue from graphene oxide-coated electrospun nanofibrous scaffolds to modulate functions of neural progenitor cells. Acta Biomaterialia, 2019, 88, 346-356.	8.3	25
52	Long-term <i>in vivo</i> CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. Nanoscale, 2019, 11, 20932-20941.	5.6	33
53	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. Acta Biomaterialia, 2019, 84, 328-338.	8.3	73
54	Targeting Water in the Brain: Role of Aquaporin-4 in Ischemic Brain Edema. Current Drug Targets, 2019, 20, 748-755.	2.1	17

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55	cxcl12 gene engineered endothelial progenitor cells further improve the functions of oligodendrocyte precursor cells. <i>Experimental Cell Research</i> , 2018, 367, 222-231.	2.6	11
56	Chondroinductive factor-free chondrogenic differentiation of human mesenchymal stem cells in graphene oxide-incorporated hydrogels. <i>Journal of Materials Chemistry B</i> , 2018, 6, 908-917.	5.8	38
57	A SERS-based multiple immuno-nanoprobe for ultrasensitive detection of neomycin and quinolone antibiotics via a lateral flow assay. <i>Mikrochimica Acta</i> , 2018, 185, 84.	5.0	63
58	Ultrasmall graphene oxide based T1 MRI contrast agent for in vitro and in vivo labeling of human mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2475-2483.	3.3	27
59	Utilization of a lateral flow colloidal gold immunoassay strip based on surface-enhanced Raman spectroscopy for ultrasensitive detection of antibiotics in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 107-113.	3.9	49
60	The Effect of Myosin Light Chain Kinase on the Occurrence and Development of Intracranial Aneurysm. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 416.	3.7	9
61	Netrin-1 attenuates brain injury after middle cerebral artery occlusion via downregulation of astrocyte activation in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 268.	7.2	25
62	Golden-star nanoparticles as adjuvant effectively promotes immune response to foot-and-mouth disease virus-like particles vaccine. <i>Vaccine</i> , 2018, 36, 6752-6760.	3.8	28
63	HP- β -CD Functionalized Fe ₃ O ₄ /CNPs-Based Theranostic Nanoplatfor for pH/NIR Responsive Drug Release and MR/NIRFL Imaging-Guided Synergetic Chemo/Photothermal Therapy of Tumor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33867-33878.	8.0	45
64	The effect of surface charge on the cytotoxicity and uptake of carbon quantum dots in human umbilical cord derived mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 241-249.	5.0	53
65	cxcl12-engineered endothelial progenitor cells enhance neurogenesis and angiogenesis after ischemic brain injury in mice. <i>Stem Cell Research and Therapy</i> , 2018, 9, 139.	5.5	51
66	Blood-Brain Barrier Disruption Induced Cognitive Impairment Is Associated With Increase of Inflammatory Cytokine. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 129.	3.4	79
67	CLARITY for High-resolution Imaging and Quantification of Vasculature in the Whole Mouse Brain. , 2018, 9, 262.		37
68	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. <i>Nano Research</i> , 2018, 11, 5474-5498.	10.4	20
69	Mesenchymal stem cells attenuate blood-brain barrier leakage after cerebral ischemia in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 135.	7.2	80
70	Graphene Oxide Incorporated PLGA Nanofibrous Scaffold for Solid Phase Gene Delivery into Mesenchymal Stem Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2286-2293.	0.9	33
71	Optical inhibition of striatal neurons promotes focal neurogenesis and neurobehavioral recovery in mice after middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 837-847.	4.3	27
72	Long Blood Residence and Large Tumor Uptake of Ruthenium Sulfide Nanoclusters for Highly Efficient Cancer Photothermal Therapy. <i>Scientific Reports</i> , 2017, 7, 41571.	3.3	20

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73	Indocyanine Green Loaded Magnetic Carbon Nanoparticles for Near Infrared Fluorescence/Magnetic Resonance Dual-Modal Imaging and Photothermal Therapy of Tumor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9484-9495.	8.0	68
74	Hypoxia Response Element-Regulated MMP-9 Promotes Neurological Recovery via Glial Scar Degradation and Angiogenesis in Delayed Stroke. <i>Molecular Therapy</i> , 2017, 25, 1448-1459.	8.2	59
75	Monomeric CXCL12 outperforms its dimeric and wild type variants in the promotion of human endothelial progenitor cells's function. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 303-310.	2.1	13
76	Gram-scale synthesis of nanotherapeutic agents for CT/T1-weighted MRI bimodal imaging guided photothermal therapy. <i>Nano Research</i> , 2017, 10, 3124-3135.	10.4	11
77	Recent advances in cell-laden 3D bioprinting: materials, technologies and applications. <i>Journal of 3D Printing in Medicine</i> , 2017, 1, 245-268.	2.0	8
78	Accelerated biomineralization of graphene oxide " incorporated cellulose acetate nanofibrous scaffolds for mesenchymal stem cell osteogenesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 251-258.	5.0	43
79	MicroRNA-137 and microRNA-195* inhibit vasculogenesis in brain arteriovenous malformations. <i>Annals of Neurology</i> , 2017, 82, 371-384.	5.3	33
80	Optogenetic Inhibition of Striatal GABAergic Neuronal Activity Improves Outcomes After Ischemic Brain Injury. <i>Stroke</i> , 2017, 48, 3375-3383.	2.0	29
81	Optogenetic Inhibition of Striatal Neuronal Activity Improves the Survival of Transplanted Neural Stem Cells and Neurological Outcomes after Ischemic Stroke in Mice. <i>Stem Cells International</i> , 2017, 1-11.	2.5	19
82	Simultaneous Imaging of Cerebrovascular Structure and Function in Hypertensive Rats Using Synchrotron Radiation Angiography. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 359.	3.4	7
83	Increased Circulating Exosomal miRNA-223 Is Associated with Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2017, 8, 57.	2.4	161
84	Contribution of Vascular Cells to Neointimal Formation. <i>PLoS ONE</i> , 2017, 12, e0168914.	2.5	38
85	Endothelial progenitor cells transplantation attenuated blood-brain barrier damage after ischemia in diabetic mice via HIF-1 α . <i>Stem Cell Research and Therapy</i> , 2017, 8, 163.	5.5	46
86	Cancer-Targeted Nanotheranostics: Recent Advances and Perspectives. <i>Small</i> , 2016, 12, 4936-4954.	10.0	158
87	Magnetic Resonance Imaging Revealed Splenic Targeting of Canine Parvovirus Capsid Protein VP2. <i>Scientific Reports</i> , 2016, 6, 23392.	3.3	7
88	BMSCs-laden gelatin/sodium alginate/carboxymethyl chitosan hydrogel for 3D bioprinting. <i>RSC Advances</i> , 2016, 6, 108423-108430.	3.6	84
89	Gadolinium functionalized carbon dots for fluorescence/magnetic resonance dual-modality imaging of mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7472-7480.	5.8	46
90	A collagen-binding EGFR antibody fragment targeting tumors with a collagen-rich extracellular matrix. <i>Scientific Reports</i> , 2016, 6, 18205.	3.3	33

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91	Macrophage depletion reduced brain injury following middle cerebral artery occlusion in mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 38.	7.2	76
92	Efficient cancer ablation by combined photothermal and enhanced chemo-therapy based on carbon nanoparticles/doxorubicin@SiO ₂ nanocomposites. <i>Carbon</i> , 2016, 97, 35-44.	10.3	77
93	Quantum Dots (QDs) for Tumor Targeting Theranostics. , 2016, , 85-141.		2
94	Biodegradable Poly(aminoester)-Mediated p53 Gene Delivery for Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2210-2217.	0.9	2
95	3D printed PEGDA microstructures for gelatin scaffold integration and neuron differentiation. <i>Microelectronic Engineering</i> , 2016, 158, 30-34.	2.4	28
96	Graphene for Biomedical Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , 2016, , 241-267.	1.0	0
97	Activated regulatory T cell regulates neural stem cell proliferation in the subventricular zone of normal and ischemic mouse brain through interleukin 10. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 361.	3.7	74
98	pH-Responsive Cyanine-6 Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 59-67.	14.9	122
99	Removal and recycling of ppm levels of methylene blue from an aqueous solution with graphene oxide. <i>RSC Advances</i> , 2015, 5, 27922-27932.	3.6	78
100	MRI/SPECT/Fluorescent Tri-Modal Probe for Evaluating the Homing and Therapeutic Efficacy of Transplanted Mesenchymal Stem Cells in a Rat Ischemic Stroke Model. <i>Advanced Functional Materials</i> , 2015, 25, 1024-1034.	14.9	102
101	Silicon Phthalocyanine Covalently Functionalized N-Doped Ultrasmall Reduced Graphene Oxide Decorated with Pt Nanoparticles for Hydrogen Evolution from Water. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3732-3741.	8.0	65
102	Manganese Doped Iron Oxide Theranostic Nanoparticles for Combined ¹ T ₁ Magnetic Resonance Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4650-4658.	8.0	107
103	Photothermal Therapy: pH-Responsive Cyanine-6 Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy (<i>Adv. Funct. Mater.</i> 1/2015). <i>Advanced Functional Materials</i> , 2015, 25, 58-58.	14.9	6
104	Enhanced Proliferation and Osteogenic Differentiation of Mesenchymal Stem Cells on Graphene Oxide-Incorporated Electrospun Poly(lactic-co-glycolic acid) Nanofibrous Mats. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6331-6339.	8.0	285
105	Stem Cells: MRI/SPECT/Fluorescent Tri-Modal Probe for Evaluating the Homing and Therapeutic Efficacy of Transplanted Mesenchymal Stem Cells in a Rat Ischemic Stroke Model (<i>Adv. Funct. Mater.</i>) Tj ETQq1 1 0i78#314 rgBT /Ove	14.9	102
106	Directed osteogenic differentiation of mesenchymal stem cell in three-dimensional biodegradable methylcellulose-based scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 332-338.	5.0	14
107	MicroRNA-29b is a Therapeutic Target in Cerebral Ischemia Associated with Aquaporin 4. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1977-1984.	4.3	101
108	A collagen-binding EGFR single-chain Fv antibody fragment for the targeted cancer therapy. <i>Journal of Controlled Release</i> , 2015, 209, 101-109.	9.9	42

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109	Rational Design and Synthesis of Fe_2O_3 @Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015, 27, 5049-5056.	21.0	135
110	Design of a versatile nanocomposite for pH -responsive drug release and action behavior. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8449-8458.	5.8	7
111	Synthesis of Gold Nanorods and Their Functionalization with Bovine Serum Albumin for Optical Hyperthermia. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1440-1449.	1.1	57
112	Rapamycin attenuates mitochondrial dysfunction via activation of mitophagy in experimental ischemic stroke. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 182-188.	2.1	163
113	Assessing <i>in vivo</i> toxicity of graphene materials: current methods and future outlook. <i>Nanomedicine</i> , 2014, 9, 1565-1580.	3.3	37
114	In Vitro Hemocompatibility and Toxic Mechanism of Graphene Oxide on Human Peripheral Blood T Lymphocytes and Serum Albumin. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19797-19807.	8.0	88
115	Surface Plasmon Resonance Enhanced Light Absorption and Photothermal Therapy in the Second Near-Infrared Window. <i>Journal of the American Chemical Society</i> , 2014, 136, 15684-15693.	13.7	575
116	Rational design of a thermalresponsive-polymer-switchable FRET system for enhancing the temperature sensitivity of upconversion nanophosphors. <i>Nanoscale</i> , 2014, 6, 10179-10186.	5.6	39
117	PEGylated carbon nanoparticles for efficient <i>in vitro</i> photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2184-2192.	5.8	58
118	Metformin promotes focal angiogenesis and neurogenesis in mice following middle cerebral artery occlusion. <i>Neuroscience Letters</i> , 2014, 579, 46-51.	2.1	78
119	Ultrasmall Graphene Oxide Supported Gold Nanoparticles as Adjuvants Improve Humoral and Cellular Immunity in Mice. <i>Advanced Functional Materials</i> , 2014, 24, 6963-6971.	14.9	58
120	The <i>in vitro</i> and <i>in vivo</i> toxicity of graphene quantum dots. <i>Biomaterials</i> , 2014, 35, 5041-5048.	11.4	437
121	PLGA Hollow Microbubbles Loaded with Iron Oxide Nanoparticles and Doxorubicin for Dual-mode US/MR Imaging and Drug Delivery. <i>Current Nanoscience</i> , 2014, 10, 543-552.	1.2	9
122	Role of surface charge and oxidative stress in cytotoxicity and genotoxicity of graphene oxide towards human lung fibroblast cells. <i>Journal of Applied Toxicology</i> , 2013, 33, 1156-1164.	2.8	178
123	Transferrin Modified Graphene Oxide for Glioma-Targeted Drug Delivery: In Vitro and in Vivo Evaluations. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6909-6914.	8.0	160
124	Tracking the intracellular drug release from graphene oxide using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2013, 5, 10591.	5.6	55
125	Synthesis, protein delivery, and <i>in vitro</i> and <i>in vivo</i> toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013, 2, 379.	2.1	5
126	Combination of TNF- α and graphene oxide-loaded BEZ235 to enhance apoptosis of PIK3CA mutant colorectal cancer cells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5602.	5.8	14

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127	PEGylated reduced graphene oxide as a superior ssRNA delivery system. <i>Journal of Materials Chemistry B</i> , 2013, 1, 749-755.	5.8	106
128	Graphene Oxide Based Theranostic Platform for T_1 -Weighted Magnetic Resonance Imaging and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13325-13332.	8.0	85
129	Preparation of Graphene Quantum Dots for Bioimaging Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2924-2928.	0.9	83
130	Biomedical Applications of Graphene. <i>Theranostics</i> , 2012, 2, 283-294.	10.0	827
131	PEGylated Graphene Oxide-Mediated Protein Delivery for Cell Function Regulation. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6317-6323.	8.0	154
132	Rotavirus capsid surface protein VP4-coated Fe ₃ O ₄ nanoparticles as a theranostic platform for cellular imaging and drug delivery. <i>Biomaterials</i> , 2012, 33, 7895-7902.	11.4	31
133	Mechanism of Cellular Uptake of Graphene Oxide Studied by Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2012, 8, 2577-2584.	10.0	208
134	Self-Assembled Virus-Like Particles from Rotavirus Structural Protein VP6 for Targeted Drug Delivery. <i>Bioconjugate Chemistry</i> , 2011, 22, 346-352.	3.6	84
135	Polyamidoamine-Grafted Multiwalled Carbon Nanotubes for Gene Delivery: Synthesis, Transfection and Intracellular Trafficking. <i>Bioconjugate Chemistry</i> , 2011, 22, 2237-2243.	3.6	59
136	Composites of Aminodextran-Coated Fe ₃ O ₄ Nanoparticles and Graphene Oxide for Cellular Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4085-4091.	8.0	276
137	Controlled assembly of Fe ₃ O ₄ magnetic nanoparticles on graphene oxide. <i>Nanoscale</i> , 2011, 3, 1446.	5.6	216
138	Polyethylenimine-functionalized graphene oxide as an efficient gene delivery vector. <i>Journal of Materials Chemistry</i> , 2011, 21, 7736.	6.7	295
139	Enhanced Chemotherapy Efficacy by Sequential Delivery of siRNA and Anticancer Drugs Using PEI-Grafted Graphene Oxide. <i>Small</i> , 2011, 7, 460-464.	10.0	535
140	Accurate quantum mechanical study of the Renner-Teller effect in the singlet CH ₂ . <i>Journal of Chemical Physics</i> , 2011, 135, 154303.	3.0	15
141	Aqueous-Processable Noncovalent Chemically Converted Graphene-Quantum Dot Composites for Flexible and Transparent Optoelectronic Films. <i>Advanced Materials</i> , 2010, 22, 638-642.	21.0	288
142	Functional Graphene Oxide as a Nanocarrier for Controlled Loading and Targeted Delivery of Mixed Anticancer Drugs. <i>Small</i> , 2010, 6, 537-544.	10.0	1,544
143	Nanocomposites of size-controlled gold nanoparticles and graphene oxide: Formation and applications in SERS and catalysis. <i>Nanoscale</i> , 2010, 2, 2733.	5.6	409
144	Low-temperature first-order reversal curves and interaction effects on assemblies of iron oxide nanoparticles. <i>Physica B: Condensed Matter</i> , 2009, 404, 3666-3670.	2.7	1

#	ARTICLE	IF	CITATIONS
145	Magnetic nanocarriers: from material design to magnetic manipulation. <i>International Journal of Nanotechnology</i> , 2008, 5, 1268.	0.2	15
146	Photophysics of dopamine-modified quantum dots and effects on biological systems. <i>Nature Materials</i> , 2006, 5, 409-417.	27.5	303
147	Atomic Force Microscopic Observation of the Molecular Orientation in Ultrathin Films of Alkanoic Acid-Derivatized Porphyrins on a Mica Surface. <i>Journal of Nanoscience and Nanotechnology</i> , 2002, 2, 37-40.	0.9	4
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150	Surface Enhanced Infrared Absorption and UV-Vis Spectroscopic Study of a Monolayer Film of Protoporphyrin IX Zinc (II) on Gold. <i>Studies in Surface Science and Catalysis</i> , 2001, 132, 585-588.	1.5	7
151	Study of Surface-Enhanced Infrared Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2001, 233, 99-106.	9.4	53
152	Study of Surface-Enhanced Infrared Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2001, 233, 107-111.	9.4	24
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155	Preparation and Characterization of a Porphyrin Self-Assembled Monolayer with a Controlled Orientation on Gold. <i>Langmuir</i> , 2000, 16, 537-540.	3.5	79
156	Thermal behavior of Langmuir-Blodgett films of 5-(4-N-octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin studied by ultraviolet-visible and infrared spectroscopies. <i>Thin Solid Films</i> , 1998, 326, 211-216.	1.8	6
157	Excitation energy transfer in Langmuir-Blodgett films of 5-(4-N-octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin on gold-evaporated glass substrates studied by time-resolved fluorescence spectroscopy. <i>Thin Solid Films</i> , 1998, 333, 1-4.	1.8	19
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159	Molecular Orientation and Aggregation in Mixed Langmuir-Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin and Stearic Acid Studied by Ultraviolet-Visible, Fluorescence, and Infrared Spectroscopies. <i>Langmuir</i> , 1998, 14, 1177-1182.	3.5	35
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161	Molecular Orientation and Aggregation in Langmuir-Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin Studied by Ultraviolet-Visible and Infrared Spectroscopies. <i>Langmuir</i> , 1997, 13, 4422-4427.	3.5	79