

Zhijun Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

10,036
citations

47
h-index

98
g-index

163
ext. papers

11,507
ext. citations

7.6
avg, IF

6.24
L-index

#	Paper	IF	Citations
158	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	8.3	1
157	Neural stem cell-laden 3D bioprinting of polyphenol-doped electroconductive hydrogel scaffolds for enhanced neuronal differentiation.. <i>Materials Science and Engineering C</i> , 2022 , 112639	8.3	2
156	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	6	1
155	Recent Development of Conductive Hydrogels for Tissue Engineering: Review and Perspective.. <i>Macromolecular Bioscience</i> , 2022 , e2200051	5.5	1
154	AuPt nanozyme-based multifunctional hydrogel dressing for diabetic wound healing 2022 , 212869		2
153	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 ,	7.3	3
152	Oligodendrocyte Precursor Cells Transplantation Improves Stroke Recovery Oligodendrogenesis, Neurite Growth and Synaptogenesis 2021 , 12, 2096-2112		1
151	Stroke subtype-dependent synapse elimination by reactive gliosis in mice. <i>Nature Communications</i> , 2021 , 12, 6943	17.4	15
150	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	7.3	2
149	Native and Bioengineered Exosomes for Ischemic Stroke Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 619565	5.7	10
148	Micro/nano materials regulate cell morphology and intercellular communication by extracellular vesicles. <i>Acta Biomaterialia</i> , 2021 , 124, 130-138	10.8	5
147	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	6	2
146	3D bioprinted neural tissue constructs for spinal cord injury repair. <i>Biomaterials</i> , 2021 , 272, 120771	15.6	28
145	BK Channel-Mediated Microglial Phagocytosis Alleviates Neurological Deficit After Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 683769	6.1	3
144	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	11	4
143	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	7.3	2
142	Functionalized graphene oxide as a nanocarrier for multiple suppressive miRNAs to inhibit human intrahepatic cholangiocarcinoma. <i>Nano Select</i> , 2021 , 2, 1372-1384	3.1	1

141	Improved oral delivery of insulin by PLGA nanoparticles coated with 5-cholanic acid conjugated glycol chitosan. <i>Biomedical Materials (Bristol)</i> , 2021 , 16,	3.5	1
140	M2 microglial small extracellular vesicles reduce glial scar formation the miR-124/STAT3 pathway after ischemic stroke in mice. <i>Theranostics</i> , 2021 , 11, 1232-1248	12.1	21
139	Oligodendrocyte precursor cell transplantation promotes angiogenesis and remyelination via Wnt/-catenin pathway in a mouse model of middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211065391	7.3	1
138	Sestrin2 regulates microglia polarization through mTOR-mediated autophagic flux to attenuate inflammation during experimental brain ischemia. <i>Journal of Neuroinflammation</i> , 2020 , 17, 329	10.1	19
137	Farnesoid X receptor knockout protects brain against ischemic injury through reducing neuronal apoptosis in mice. <i>Journal of Neuroinflammation</i> , 2020 , 17, 164	10.1	14
136	Hyaluronic Acid-Modified Au-Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag Multimodal Synergistically Enhanced Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2020 , 31, 1756-1765	6.3	20
135	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6115-6127	7.3	19
134	CT/MR Dual-Modality Imaging Tracking of Mesenchymal Stem Cells Labeled with a Au/GdNC@SiO Nanotracer in Pulmonary Fibrosis.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2489-2498	4.1	3
133	CT/NIRF dual-modal imaging tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with Au nanoparticles in silica-induced pulmonary fibrosis. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1713-1727	7.3	16
132	Near-infrared-persistent luminescence/bioluminescence imaging tracking of transplanted mesenchymal stem cells in pulmonary fibrosis. <i>Biomaterials Science</i> , 2020 , 8, 3095-3105	7.4	7
131	Microglia exacerbate white matter injury via complement C3/C3aR pathway after hypoperfusion. <i>Theranostics</i> , 2020 , 10, 74-90	12.1	39
130	One-pot preparation of zwitterionic graphene nanosheets with exceptional redispersibility and its application in pickering emulsions. <i>Carbon</i> , 2020 , 157, 448-456	10.4	5
129	Oligodendrocyte precursor cells transplantation protects blood-brain barrier in a mouse model of brain ischemia via Wnt/βcatenin signaling. <i>Cell Death and Disease</i> , 2020 , 11, 9	9.8	24
128	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	6.7	39
127	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	7.3	9
126	Solvent-Controlled Topological Evolution from Nanospheres to Superhelices. <i>Small</i> , 2020 , 16, e200475611		8
125	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	5.1	8
124	The Function of Astrocyte Mediated Extracellular Vesicles in Central Nervous System Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 568889	5.7	13

123	DL-3n-Butylphthalide Improves Blood-Brain Barrier Integrity in Rat After Middle Cerebral Artery Occlusion. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 610714	6.1	5
122	Dynamic Detection of Thrombolysis in Embolic Stroke Rats by Synchrotron Radiation Angiography. <i>Translational Stroke Research</i> , 2019 , 10, 695-704	7.8	6
121	M2 microglia-derived exosomes protect the mouse brain from ischemia-reperfusion injury via exosomal miR-124. <i>Theranostics</i> , 2019 , 9, 2910-2923	12.1	128
120	Promoting tendon to bone integration using graphene oxide-doped electrospun poly(lactic-co-glycolic acid) nanofibrous membrane. <i>International Journal of Nanomedicine</i> , 2019 , 14, 1835-1847 ²³	7.3	23
119	MicroRNA-126 Regulates Angiogenesis and Neurogenesis in a Mouse Model of Focal Cerebral Ischemia. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 16, 15-25	10.7	43
118	Release of methylene blue from graphene oxide-coated electrospun nanofibrous scaffolds to modulate functions of neural progenitor cells. <i>Acta Biomaterialia</i> , 2019 , 88, 346-356	10.8	15
117	DL-3-N-butylphthalide attenuates ischemic reperfusion injury by improving the function of cerebral artery and circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2011-2021	7.3	34
116	Rapamycin Increases Collateral Circulation in Rodent Brain after Focal Ischemia as detected by Multiple Modality Dynamic Imaging. <i>Theranostics</i> , 2019 , 9, 4923-4934	12.1	15
115	Significance of Complement System in Ischemic Stroke: A Comprehensive Review 2019 , 10, 429-462		45
114	Presynaptic Endosomal Cathepsin D Regulates the Biogenesis of GABAergic Synaptic Vesicles. <i>Cell Reports</i> , 2019 , 28, 1015-1028.e5	10.6	12
113	Reduction of Brain Injury After Stroke in Hyperglycemic Rats via Fasudil Pretreatment. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2019 , 24, 723-731	0.6	
112	CT/Bioluminescence Dual-Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. <i>Small</i> , 2019 , 15, e1904314	11	14
111	Targeting Water in the Brain: Role of Aquaporin-4 in Ischemic Brain Edema. <i>Current Drug Targets</i> , 2019 , 20, 748-755	3	14
110	Long-term in vivo CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. <i>Nanoscale</i> , 2019 , 11, 20932-20941	7.7	18
109	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. <i>Acta Biomaterialia</i> , 2019 , 84, 328-338	10.8	44
108	cxcl12 gene engineered endothelial progenitor cells further improve the functions of oligodendrocyte precursor cells. <i>Experimental Cell Research</i> , 2018 , 367, 222-231	4.2	8
107	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	7.3	24
106	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	5.8	45

105	Ultrasmall graphene oxide based T 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	6	21
104	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 ⁶		34
103	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	8.3	37
102	Blood-Brain Barrier Disruption Induced Cognitive Impairment Is Associated With Increase of Inflammatory Cytokine. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 129	5.3	43
101	CLARITY for High-resolution Imaging and Quantification of Vasculature in the Whole Mouse Brain 2018 , 9, 262-272		26
100	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. <i>Nano Research</i> , 2018 , 11, 5474-5498	10	13
99	Mesenchymal stem cells attenuate blood-brain barrier leakage after cerebral ischemia in mice. <i>Journal of Neuroinflammation</i> , 2018 , 15, 135	10.1	52
98	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	1.3	24
97	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	4.4	30
96	The Effect of Myosin Light Chain Kinase on the Occurrence and Development of Intracranial Aneurysm. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 416	6.1	5
95	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	10.1	15
94	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	4.1	18
93	HP-ECD Functionalized FeO/CNPs-Based Theranostic Nanoplatform 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	9.5	34
92	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	7.3	22
91	Long Blood Residence and Large Tumor Uptake of Ruthenium Sulfide Nanoclusters for Highly Efficient Cancer Photothermal Therapy. <i>Scientific Reports</i> , 2017 , 7, 41571	4.9	16
90	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	9.5	53
89	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	11.7	34
88	Monomeric CXCL12 outperforms its dimeric and wild type variants in the promotion of human endothelial progenitor cells function. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 488, 303-310	3.4	10

87	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	11
86	Recent advances in cell-laden 3D bioprinting: materials, technologies and applications. <i>Journal of 3D Printing in Medicine</i> , 2017 , 1, 245-268	1.5	5
85	Contribution of Vascular Cells to Neointimal Formation. <i>PLoS ONE</i> , 2017 , 12, e0168914	3.7	26
84	Endothelial progenitor cells transplantation attenuated blood-brain barrier damage after ischemia in diabetic mice via HIF-1 β . <i>Stem Cell Research and Therapy</i> , 2017 , 8, 163	8.3	31
83	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	6	31
82	MicroRNA-137 and microRNA-195* inhibit vasculogenesis in brain arteriovenous malformations. <i>Annals of Neurology</i> , 2017 , 82, 371-384	9.4	22
81	Optogenetic Inhibition of Striatal GABAergic Neuronal Activity Improves Outcomes After Ischemic Brain Injury. <i>Stroke</i> , 2017 , 48, 3375-3383	6.7	20
80	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 , 2017, 4364302	5	13
79	Simultaneous Imaging of Cerebrovascular Structure and Function in Hypertensive Rats Using Synchrotron Radiation Angiography. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 359	5.3	6
78	Increased Circulating Exosomal miRNA-223 Is Associated with Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2017 , 8, 57	4.1	109
77	Magnetic Resonance Imaging Revealed Splenic Targeting of Canine Parvovirus Capsid Protein VP2. <i>Scientific Reports</i> , 2016 , 6, 23392	4.9	7
76	BMSCs-laden gelatin/sodium alginate/carboxymethyl chitosan hydrogel for 3D bioprinting. <i>RSC Advances</i> , 2016 , 6, 108423-108430	3.7	69
75	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	7.3	25
74	A collagen-binding EGFR antibody fragment targeting tumors with a collagen-rich extracellular matrix. <i>Scientific Reports</i> , 2016 , 6, 18205	4.9	22
73	Macrophage depletion reduced brain injury following middle cerebral artery occlusion in mice. <i>Journal of Neuroinflammation</i> , 2016 , 13, 38	10.1	42
72	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	10.4	73
71	Quantum Dots (QDs) for Tumor Targeting Theranostics 2016 , 85-141		
70	Biodegradable Poly(aminoester)-Mediated p53 Gene Delivery for Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 2210-7	1.3	2

69	3D printed PEGDA microstructures for gelatin scaffold integration and neuron differentiation. <i>Microelectronic Engineering</i> , 2016 , 158, 30-34	2.5	20
68	Graphene for Biomedical Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , 2016 , 241-267		
67	Cancer-Targeted Nanotheranostics: Recent Advances and Perspectives. <i>Small</i> , 2016 , 12, 4936-4954	11	127
66	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, 6331-9	9.5	246
65	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 (Adv. Funct. Mater. 7/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 990-990	15.6	
64	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	6	13
63	MicroRNA-29b is a therapeutic target in cerebral ischemia associated with aquaporin 4. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1977-84	7.3	71
62	A collagen-binding EGFR single-chain Fv antibody fragment for the targeted cancer therapy. <i>Journal of Controlled Release</i> , 2015 , 209, 101-9	11.7	34
61	Rational Design and Synthesis of Fe ₂ O ₃ @Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015 , 27, 5049-56	24	117
60	Design of a versatile nanocomposite for SeeingDrug release and action behavior. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 8449-8458	7.3	7
59	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	6.1	46
58	pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 59-67	15.6	107
57	Removal and recycling of ppm levels of methylene blue from an aqueous solution with graphene oxide. <i>RSC Advances</i> , 2015 , 5, 27922-27932	3.7	61
56	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	15.6	87
55	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, 3732-41	9.5	55
54	Manganese doped iron oxide theranostic nanoparticles for combined T1 magnetic resonance imaging and photothermal therapy. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4650-8	9.5	83
53	Photothermal Therapy: pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy (Adv. Funct. Mater. 1/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 58-58	15.6	4
52	Rapamycin attenuates mitochondrial dysfunction via activation of mitophagy in experimental ischemic stroke. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 182-8	3.4	129

51	Assessing in vivo toxicity of graphene materials: current methods and future outlook. <i>Nanomedicine</i> , 2014 , 9, 1565-80	5.6	32
50	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, 19797-807	9.5	71
49	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, 15684-93	16.4	448
48	Rational design of a thermalresponsive-polymer-switchable FRET system for enhancing the temperature sensitivity of upconversion nanophosphors. <i>Nanoscale</i> , 2014 , 6, 10179-86	7.7	36
47	PEGylated carbon nanoparticles for efficient in vitro photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 2184-2192	7.3	53
46	Metformin promotes focal angiogenesis and neurogenesis in mice following middle cerebral artery occlusion. <i>Neuroscience Letters</i> , 2014 , 579, 46-51	3.3	64
45	Ultrasmall Graphene Oxide Supported Gold Nanoparticles as Adjuvants Improve Humoral and Cellular Immunity in Mice. <i>Advanced Functional Materials</i> , 2014 , 24, 6963-6971	15.6	52
44	The in vitro and in vivo toxicity of graphene quantum dots. <i>Biomaterials</i> , 2014 , 35, 5041-8	15.6	359
43	Synthesis of gold nanorods and their functionalization with bovine serum albumin for optical hyperthermia. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 1440-9	4	44
42	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	1.4	9
41	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, 1156-64	4.1	143
40	Transferrin modified graphene oxide for glioma-targeted drug delivery: in vitro and in vivo evaluations. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 6909-14	9.5	134
39	Tracking the intracellular drug release from graphene oxide using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2013 , 5, 10591-8	7.7	50
38	Synthesis, protein delivery, and in vitro and in vivo toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013 , 2, 379	2.6	4
37	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, 5602-5610	7.3	13
36	PEGylated reduced graphene oxide as a superior ssRNA delivery system. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 749-755	7.3	84
35	Graphene oxide based theranostic platform for T1-weighted magnetic resonance imaging and drug delivery. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 13325-32	9.5	75
34	Biomedical applications of graphene. <i>Theranostics</i> , 2012 , 2, 283-94	12.1	719

33	PEGylated graphene oxide-mediated protein delivery for cell function regulation. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 6317-23	9.5	136
32	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, 7895-902	15.6	30
31	Mechanism of cellular uptake of graphene oxide studied by surface-enhanced Raman spectroscopy. <i>Small</i> , 2012 , 8, 2577-84	11	180
30	Preparation of graphene quantum dots for bioimaging application. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2924-8	1.3	70
29	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, 4085-91	9.5	245
28	Controlled assembly of Fe ₃ O ₄ magnetic nanoparticles on graphene oxide. <i>Nanoscale</i> , 2011 , 3, 1446-50	7.7	200
27	Polyethylenimine-functionalized graphene oxide as an efficient gene delivery vector. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7736		258
26	Enhanced chemotherapy efficacy by sequential delivery of siRNA and anticancer drugs using PEI-grafted graphene oxide. <i>Small</i> , 2011 , 7, 460-4	11	478
25	Self-assembled virus-like particles from rotavirus structural protein VP6 for targeted drug delivery. <i>Bioconjugate Chemistry</i> , 2011 , 22, 346-52	6.3	71
24	Polyamidoamine-grafted multiwalled carbon nanotubes for gene delivery: synthesis, transfection and intracellular trafficking. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2237-43	6.3	52
23	Accurate quantum mechanical study of the Renner-Teller effect in the singlet CH ₂ . <i>Journal of Chemical Physics</i> , 2011 , 135, 154303	3.9	15
22	Nanocomposites of size-controlled gold nanoparticles and graphene oxide: formation and applications in SERS and catalysis. <i>Nanoscale</i> , 2010 , 2, 2733-8	7.7	382
21	Aqueous-processable noncovalent chemically converted graphene-quantum dot composites for flexible and transparent optoelectronic films. <i>Advanced Materials</i> , 2010 , 22, 638-42	24	277
20	Functional graphene oxide as a nanocarrier for controlled loading and targeted delivery of mixed anticancer drugs. <i>Small</i> , 2010 , 6, 537-44	11	1398
19	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	2.8	1
18	Magnetic nanocarriers: from material design to magnetic manipulation. <i>International Journal of Nanotechnology</i> , 2008 , 5, 1268	1.5	12
17	Photophysics of dopamine-modified quantum dots and effects on biological systems. <i>Nature Materials</i> , 2006 , 5, 409-17	27	277
16	Atomic force microscopic observation of the molecular orientation in ultrathin films of alkanolic acid-derivatized porphyrins on a mica surface. <i>Journal of Nanoscience and Nanotechnology</i> , 2002 , 2, 37-40 ¹⁻³		4

15	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	1.8	7
14	Study of Surface-Enhanced Infrared Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2001 , 233, 99-106	9.3	50
13	Study of Surface-Enhanced Infrared Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2001 , 233, 107-111	9.3	22
12	A Self-Assembled Monolayer of an Alkanoic Acid-Derivatized Porphyrin on Gold Surface: A Structural Investigation by Surface Plasmon Resonance, Ultraviolet-Visible, and Infrared Spectroscopies. <i>Journal of Colloid and Interface Science</i> , 2001 , 243, 382-387	9.3	27
11	Surface-Enhanced Raman Scattering and Surface-Enhanced Infrared Absorption Spectroscopic Studies of a Metalloporphyrin Monolayer Film Formed on Pyridine Self-Assembled Monolayer-Modified Gold. <i>Langmuir</i> , 2001 , 17, 4564-4568	4	51
10	Hydrogen-Bonding Stabilized Self-Assembled Monolayer Film of a Functionalized Diacid, Protoporphyrin IX Zinc(II), onto a Gold Surface. <i>Nano Letters</i> , 2001 , 1, 241-243	11.5	50
9	Formation of a Porphyrin Monolayer Film by Axial Ligation of Protoporphyrin IX Zinc to an Amino-Terminated Silanized Glass Surface. <i>Langmuir</i> , 2000 , 16, 1158-1162	4	69
8	Preparation and Characterization of a Porphyrin Self-Assembled Monolayer with a Controlled Orientation on Gold. <i>Langmuir</i> , 2000 , 16, 537-540	4	71
7	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	2.2	6
6	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	2.2	19
5	Dynamics of Intra- and Interlayer Energy Transfer in Langmuir-Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin Studied by Time-Resolved Fluorescence Spectroscopy. <i>Langmuir</i> , 1998 , 14, 4638-4642	4	6
4	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	4	34
3	Substrate-Dependent Aggregation and Energy Transfer in Langmuir-Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin Studied by Ultraviolet-Visible and Fluorescence Spectroscopies. <i>Langmuir</i> , 1997 , 13, 5726-5731	4	24
2	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	4	72
1	In vivo CT imaging tracking of stem cells labeled with Au nanoparticles. <i>View</i> , 20200119	7.8	2