

Ning Gu

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.

189
papers

12,481
citations

48
h-index

109
g-index

205
ext. papers

14,888
ext. citations

8.4
avg, IF

6.45
L-index

#	Paper	IF	Citations
189	Extracellular magnetic labeling of biomimetic hydrogel-induced human mesenchymal stem cell spheroids with ferumoxytol for MRI tracking.. <i>Bioactive Materials</i> , 2023 , 19, 418-428	16.7	1
188	Indocyanine green assembled free oxygen-nanobubbles towards enhanced near-infrared induced photodynamic therapy.. <i>Nano Research</i> , 2022 , 1-9	10	2
187	Adaptive iron-based magnetic nanomaterials of high performance for biomedical applications. <i>Nano Research</i> , 2022 , 15, 1	10	6
186	High-performance SOD mimetic enzyme Au@Ce for arresting cell cycle and proliferation of acute myeloid leukemia.. <i>Bioactive Materials</i> , 2022 , 10, 117-130	16.7	3
185	Novel magnetic silk fibroin scaffolds with delayed degradation for potential long-distance vascular repair. <i>Bioactive Materials</i> , 2022 , 7, 126-143	16.7	6
184	Coronal relay reactor Fe ₃ O ₄ @CeO ₂ for accelerating ROS axial conversion through enhanced Enzyme-like effect and relay effect. <i>Chemical Engineering Journal</i> , 2022 , 429, 132303	14.7	5
183	A biomimetic nanocomposite with enzyme-like activities and CXCR4 antagonism efficiently enhances the therapeutic efficacy of acute myeloid leukemia.. <i>Bioactive Materials</i> , 2022 , 18, 526-538	16.7	4
182	Nanoenzyme engineered neutrophil-derived exosomes attenuate joint injury in advanced rheumatoid arthritis via regulating inflammatory environment.. <i>Bioactive Materials</i> , 2022 , 18, 1-14	16.7	3
181	Osteogenesis of Iron Oxide Nanoparticles-Labeled Human Precartilaginous Stem Cells in Interpenetrating Network Printable Hydrogel.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 872149	5.8	1
180	The coprecipitation formation study of iron oxide nanoparticles with the assist of a gas/liquid mixed phase fluidic reactor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 647, 129107	5.1	0
179	Long-term fate tracking and quantitative analyzing of nanoparticles in stem cells with bright-field microscopy. <i>Nano Today</i> , 2022 , 44, 101506	17.9	0
178	Artificial Intelligence-Aided Multiple Tumor Detection Method Based on Immunohistochemistry-Enhanced Dark-Field Imaging.. <i>Analytical Chemistry</i> , 2021 ,	7.8	1
177	Three-dimensional cell-culture platform based on hydrogel with tunable microenvironmental properties to improve insulin-secreting function of MIN6 cells. <i>Biomaterials</i> , 2021 , 270, 120687	15.6	11
176	A Contrast Examination of Proinflammatory Effects on Kidney Function for FeO NP and Gadolinium Dimeglumine. <i>International Journal of Nanomedicine</i> , 2021 , 16, 2271-2282	7.3	3
175	Dual anisotropy comprising 3D printed structures and magnetic nanoparticle assemblies: towards the promotion of mesenchymal stem cell osteogenic differentiation. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	3
174	Prussian Blue Nanoparticles Having Various Sizes and Crystallinities for Multienzyme Catalysis and Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2021 , 4, 5176-5186	5.6	4
173	Fe ₃ O ₄ @Pt nanozymes combining with CXCR4 antagonists to synergistically treat acute myeloid leukemia. <i>Nano Today</i> , 2021 , 37, 101106	17.9	8

172	Superparamagnetic iron oxide nanoparticles assembled magnetic nanobubbles and their application for neural stem cells labeling. <i>Journal of Materials Science and Technology</i> , 2021 , 63, 124-132	9.1	12
171	Ca ions chelation, collagen I incorporation and 3D bionic PLGA/PCL electrospun architecture to enhance osteogenic differentiation. <i>Materials and Design</i> , 2021 , 198, 109300	8.1	3
170	Cell Temperature Measurement for Biometabolism Monitoring. <i>ACS Sensors</i> , 2021 , 6, 290-302	9.2	10
169	Optical Imaging and High-Accuracy Quantification of Intracellular Iron Contents. <i>Small</i> , 2021 , 17, e2005474	7.4	1
168	Development of an electrospun polycaprolactone/silk scaffold for potential vascular tissue engineering applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2021 , 36, 59-76	2	3
167	CXCR4 and CD44 dual-targeted Prussian blue nanosystem with daunorubicin loaded for acute myeloid leukemia therapy. <i>Chemical Engineering Journal</i> , 2021 , 405, 126891	14.7	8
166	Nano-sensing and nano-therapy targeting central players in iron homeostasis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1667	9.2	
165	Joint Landmark and Structure Learning for Automatic Evaluation of Developmental Dysplasia of the Hip. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	1
164	Superparamagnetic core-shell electrospun scaffolds with sustained release of IONPs facilitating and bone regeneration. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8980-8993	7.3	0
163	Structure-Relaxivity Mechanism of an Ultrasmall Ferrite Nanoparticle T MR Contrast Agent: The Impact of Dopants Controlled Crystalline Core and Surface Disordered Shell. <i>Nano Letters</i> , 2021 , 21, 1115-1123	11.5	8
162	Tri-primer-enhanced strand exchange amplification combined with rapid lateral flow fluorescence immunoassay to detect SARS-CoV-2. <i>Analyst, The</i> , 2021 , 146, 6650-6664	5	1
161	Multicellular Spheroids Formation on Hydrogel Enhances Osteogenic/Odontogenic Differentiation of Dental Pulp Stem Cells Under Magnetic Nanoparticles Induction. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5101-5115	7.3	3
160	Xenon Nanobubbles for the Image-Guided Preemptive Treatment of Acute Ischemic Stroke via Neuroprotection and Microcirculatory Restoration. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43880-43891	9.5	1
159	Prussian Blue Nanozymes Prevent Anthracycline-Induced Liver Injury by Attenuating Oxidative Stress and Regulating Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42382-42395	9.5	4
158	Ultrasmall Prussian blue nanoparticles attenuate UVA-induced cellular senescence in human dermal fibroblasts inhibiting the ERK/AP-1 pathway. <i>Nanoscale</i> , 2021 , 13, 16104-16112	7.7	1
157	Achieving Ultrasmall Prussian Blue Nanoparticles as High-Performance Biomedical Agents with Multifunctions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 57382-57390	9.5	16
156	Hierarchical Fabrication of Plasmonic Superlattice Membrane by Aspect-Ratio Controllable Nanobricks for Label-Free Protein Detection. <i>Frontiers in Chemistry</i> , 2020 , 8, 307	5	3
155	Synthesis of Ultrasmall Fe ₃ O ₄ Nanoparticles as T1/T2 Dual-Modal Magnetic Resonance Imaging Contrast Agents in Rabbit Hepatic Tumors. <i>ACS Applied Nano Materials</i> , 2020 , 3, 3585-3595	5.6	19

154	An Easy-to-Fabricate Hydrogel Platform with Tunable Stiffness and Cell Anchorage: Validation of Its Feasibility in Modulating Sonic Hedgehog Signaling Pathway Physically. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 1900759	3.9	4
153	Exploring the 'cold/hot' properties of traditional Chinese medicine by cell temperature measurement. <i>Pharmaceutical Biology</i> , 2020 , 58, 208-218	3.8	9
152	Multiscale Patterned Plasmonic Arrays for Highly Sensitive and Uniform SERS Detection. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000248	4.6	3
151	In situ microbubble-assisted, ultrasound-controlled release of superparamagnetic iron oxide nanoparticles from gastro-retentive tablets. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119615	6.5	4
150	Moderate cooling coprecipitation for extremely small iron oxide as a pH dependent T-MRI contrast agent. <i>Nanoscale</i> , 2020 , 12, 5521-5532	7.7	22
149	Dynamic tracking of bulk nanobubbles from microbubbles shrinkage to collapse. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 589, 124430	5.1	20
148	Platelet Membrane Biomimetic Magnetic Nanocarriers for Targeted Delivery and Generation of Nitric Oxide in Early Ischemic Stroke. <i>ACS Nano</i> , 2020 , 14, 2024-2035	16.7	68
147	Lateral flow fluorescent immunoassay based on isothermal amplification for rapid quantitative detection of Salmonella spp. <i>Analyst, The</i> , 2020 , 145, 2367-2377	5	10
146	A Multi-Channel System for Temperature Sensing of Neural Stem Cells in Adherent Culture. <i>Analytical Chemistry</i> , 2020 , 92, 3270-3275	7.8	4
145	Magnetic navigation helps PLGA drug loaded magnetic microspheres achieve precise chemoembolization and hyperthermia. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 588, 124364	5.1	9
144	Triplexed Tracking Labile Sulfur-Containing Species on a Single-Molecule "Nezha" Sensor. <i>Analytical Chemistry</i> , 2020 , 92, 2672-2679	7.8	
143	Micro/nano-bubble-assisted ultrasound to enhance the EPR effect and potential theranostic applications. <i>Theranostics</i> , 2020 , 10, 462-483	12.1	67
142	A Novel Method to Construct Dual-targeted Magnetic Nanoprobes by Modular Assembling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 605, 125339	5.1	1
141	Magnetic sensor based on image processing for dynamically tracking magnetic moment of single magnetic mesenchymal stem cell. <i>Biosensors and Bioelectronics</i> , 2020 , 169, 112593	11.8	4
140	Indocyanine Green Assembled Nanobubbles with Enhanced Fluorescence and Photostability. <i>Langmuir</i> , 2020 , 36, 12983-12989	4	5
139	Specific, Non-Invasive, and Magnetically Directed Targeting of Magnetic Erythrocytes in Blood Vessels of Mice. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 2276-2285	5	0
138	Entry-Prohibited Effect of kHz Pulsed Magnetic Field Upon Interaction Between SPIO Nanoparticles and Mesenchymal Stem Cells. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 1152-1158	5.158	10
137	Iron-Based Nanozymes in Disease Diagnosis and Treatment. <i>ChemBioChem</i> , 2020 , 21, 2722-2732	3.8	8

136	Temperature-regulated self-assembly of lipids at free bubbles interface: A green and simple method to prepare micro/nano bubbles. <i>Nano Research</i> , 2020 , 13, 999-1007	10	7
135	Polymerase chain reaction combined with fluorescent lateral flow immunoassay based on magnetic purification for rapid detection of canine parvovirus 2. <i>BMC Veterinary Research</i> , 2019 , 15, 30	2.7	17
134	Gold Nanoparticle Probe-Assisted Antigen-Counting Chip Using SEM. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6769-6776	9.5	8
133	Poly(amidoamine) Dendrimer as a Respiratory Nanocarrier: Insights from Experiments and Molecular Dynamics Simulations. <i>Langmuir</i> , 2019 , 35, 5364-5371	4	12
132	Bulk Nanobubbles Fabricated by Repeated Compression of Microbubbles. <i>Langmuir</i> , 2019 , 35, 4238-4245	4	33
131	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1273-1296	6.3	67
130	Apoptosis-promoting effect of rituximab-conjugated magnetic nanoprobe on malignant lymphoma cells with CD20 overexpression. <i>International Journal of Nanomedicine</i> , 2019 , 14, 921-936	7.3	18
129	Wireless Thermometry for Real-Time Temperature Recording on Thousand-Cell Level. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 23-29	5	13
128	Magnetic targeting combined with active targeting of dual-ligand iron oxide nanoprobe to promote the penetration depth in tumors for effective magnetic resonance imaging and hyperthermia. <i>Acta Biomaterialia</i> , 2019 , 96, 491-504	10.8	41
127	Iron oxide nanoparticles induce reversible endothelial-to-mesenchymal transition in vascular endothelial cells at acutely non-cytotoxic concentrations. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 30	8.4	18
126	Iron oxide nanoparticle-calcium phosphate cement enhanced the osteogenic activities of stem cells through WNT/ β -catenin signaling. <i>Materials Science and Engineering C</i> , 2019 , 104, 109955	8.3	24
125	A new approach of electrochemical etching fabrication based on drop-off-delay control. <i>Review of Scientific Instruments</i> , 2019 , 90, 074902	1.7	0
124	High-Performance Worm-like Mn-Zn Ferrite Theranostic Nanoagents and the Application on Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29536-29548	9.5	18
123	Enhanced Tumor Synergistic Therapy by Injectable Magnetic Hydrogel Mediated Generation of Hyperthermia and Highly Toxic Reactive Oxygen Species. <i>ACS Nano</i> , 2019 , 13, 14013-14023	16.7	85
122	Differential interactions of missing in metastasis and insulin receptor tyrosine kinase substrate with RAB proteins in the endocytosis of CXCR4. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6494-6505	5.4	1
121	Antibody-Oriented Strategy and Mechanism for the Preparation of Fluorescent Nanoprobes for Fast and Sensitive Immunodetection. <i>Langmuir</i> , 2019 , 35, 4860-4867	4	23
120	Magnetic internal heating-induced high performance Prussian blue nanoparticle preparation and excellent catalytic activity. <i>Dalton Transactions</i> , 2019 , 48, 17169-17173	4.3	9
119	Magnet-activatable nanoliposomes as intracellular bubble microreactors to enhance drug delivery efficacy and burst cancer cells. <i>Nanoscale</i> , 2019 , 11, 18854-18865	7.7	14

118	Missing-in-metastasis protein promotes internalization of magnetic nanoparticles via association with clathrin light chain and Rab7. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 502-510	4	3
117	Magnetic nanoparticles: recent developments in drug delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 697-706	3.6	38
116	Sparks fly between ascorbic acid and iron-based nanozymes: A study on Prussian blue nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 379-384	6	15
115	Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 423-433	6.1	38
114	Sinapultide-loaded lipid microbubbles and the stabilization effect of sinapultide on the shells of lipid microbubbles. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1335-1341	7.3	3
113	Using PEGylated magnetic nanoparticles to describe the EPR effect in tumor for predicting therapeutic efficacy of micelle drugs. <i>Nanoscale</i> , 2018 , 10, 1788-1797	7.7	37
112	Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e2085-e2098	4.4	42
111	Injectable magnetic supramolecular hydrogel with magnetocaloric liquid-conformal property prevents post-operative recurrence in a breast cancer model. <i>Acta Biomaterialia</i> , 2018 , 74, 302-311	10.8	43
110	Fluorescent Nanoprobes with Oriented Modified Antibodies to Improve Lateral Flow Immunoassay of Cardiac Troponin I. <i>Analytical Chemistry</i> , 2018 , 90, 6502-6508	7.8	69
109	Ferumoxylol of ultrahigh magnetization produced by hydrocooling and magnetically internal heating co-precipitation. <i>Nanoscale</i> , 2018 , 10, 7369-7376	7.7	35
108	Glutathione-Depleting Gold Nanoclusters for Enhanced Cancer Radiotherapy through Synergistic External and Internal Regulations. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10601-10606	9.5	55
107	Adaptive Materials Based on Iron Oxide Nanoparticles for Bone Regeneration. <i>ChemPhysChem</i> , 2018 , 19, 1965-1979	3.2	37
106	Improving sensitivity of magnetic resonance imaging by using a dual-targeted magnetic iron oxide nanoprobe. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 161, 339-346	6	16
105	Precise Study on Size-Dependent Properties of Magnetic Iron Oxide Nanoparticles for In Vivo Magnetic Resonance Imaging. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-9	3.2	8
104	Estimation the tumor temperature in magnetic nanoparticle hyperthermia by infrared thermography: Phantom and numerical studies. <i>Journal of Thermal Biology</i> , 2018 , 76, 89-94	2.9	12
103	Magnetic Resonance Imaging: Time-Dependent T1/T2 Switchable Magnetic Resonance Imaging Realized by c(RGDyK) Modified Ultrasmall Fe3O4 Nanoprobes (Adv. Funct. Mater. 32/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870221	15.6	5
102	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. <i>Biomaterials</i> , 2018 , 183, 151-170	15.6	117
101	Integration of a Superparamagnetic Scaffold and Magnetic Field To Enhance the Wound-Healing Phenotype of Fibroblasts. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 22913-22923	9.5	19

100	Real-time Temperature Measurements of HMEC-1 Cells during Inflammation Production and Repair detected by Wireless Thermometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 ,	5	6
99	Biomimetic Domain-Active Electrospun Scaffolds Facilitating Bone Regeneration Synergistically with Antibacterial Efficacy for Bone Defects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3248-3259	9.5	38
98	A dual-signal amplification platform for sensitive fluorescence biosensing of leukemia-derived exosomes. <i>Nanoscale</i> , 2018 , 10, 20289-20295	7.7	68
97	Platelet bio-nanobubbles as microvascular recanalization nanoformulation for acute ischemic stroke lesion theranostics. <i>Theranostics</i> , 2018 , 8, 4870-4883	12.1	41
96	Magnetic Cell-Scaffold Interface Constructed by Superparamagnetic IONP Enhanced Osteogenesis of Adipose-Derived Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44279-44289	9.5	37
95	Progress in Applications of Prussian Blue Nanoparticles in Biomedicine. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800347	10.1	92
94	Magnetic iron oxide nanoparticles accelerate osteogenic differentiation of mesenchymal stem cells via modulation of long noncoding RNA INZEB2. <i>Nano Research</i> , 2017 , 10, 626-642	10	55
93	Fe ₃ O ₄ @PSC nanoparticle clusters with enhanced magnetic properties prepared by alternating-current magnetic field assisted co-precipitation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 520, 348-354	5.1	17
92	Missing-in-metastasis protein downregulates CXCR4 by promoting ubiquitylation and interaction with small Rab GTPases. <i>Journal of Cell Science</i> , 2017 , 130, 1475-1485	5.3	9
91	High Quality Multicellular Tumor Spheroid Induction Platform Based on Anisotropic Magnetic Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10446-10452	9.5	20
90	Macrophage phenotypic mechanomodulation of enhancing bone regeneration by superparamagnetic scaffold upon magnetization. <i>Biomaterials</i> , 2017 , 140, 16-25	15.6	63
89	A Functional Iron Oxide Nanoparticles Modified with PLA-PEG-DG as Tumor-Targeted MRI Contrast Agent. <i>Pharmaceutical Research</i> , 2017 , 34, 1683-1692	4.5	41
88	Quick and sensitive SPR detection of prion disease-associated isoform (PrP) based on its self-assembling behavior on bare gold film and specific interactions with aptamer-graphene oxide (AGO). <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 157, 31-39	6	16
87	A glucose-activatable trimodal glucometer self-assembled from glucose oxidase and MnO nanosheets for diabetes monitoring. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5336-5344	7.3	18
86	Magnetic drug delivery systems. <i>Science China Materials</i> , 2017 , 60, 471-486	7.1	31
85	Ultrasmall Ferrite Nanoparticles Synthesized via Dynamic Simultaneous Thermal Decomposition for High-Performance and Multifunctional T Magnetic Resonance Imaging Contrast Agent. <i>ACS Nano</i> , 2017 , 11, 3614-3631	16.7	123
84	Shape-Dependent Radiosensitization Effect of Gold Nanostructures in Cancer Radiotherapy: Comparison of Gold Nanoparticles, Nanospikes, and Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13037-13048	9.5	139
83	Activation of autophagy by elevated reactive oxygen species rather than released silver ions promotes cytotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in hematopoietic cells. <i>Nanoscale</i> , 2017 , 9, 5489-5498	7.7	52

82	Preparation and in vivo safety evaluations of antileukemic homoharringtonine-loaded PEGylated liposomes. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 652-660	3.6	17
81	Magnetic Nanoliposomes as in Situ Microbubble Bombers for Multimodality Image-Guided Cancer Theranostics. <i>ACS Nano</i> , 2017 , 11, 1509-1519	16.7	89
80	Injectable thermosensitive magnetic nanoemulsion hydrogel for multimodal-imaging-guided accurate thermoablative cancer therapy. <i>Nanoscale</i> , 2017 , 9, 16175-16182	7.7	33
79	Size-dependent electromagnetic properties and the related simulations of Fe ₃ O ₄ nanoparticles made by microwave-assisted thermal decomposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 530, 191-199	5.1	24
78	Action of Gold Nanospikes-Based Nanoradiosensitizers: Cellular Internalization, Radiotherapy, and Autophagy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31526-31542	9.5	71
77	Fabrication of Magnetic Conjugation Clusters via Intermolecular Assembling for Ultrasensitive Surface Plasmon Resonance (SPR) Detection in a Wide Range of Concentrations. <i>Analytical Chemistry</i> , 2017 , 89, 13472-13479	7.8	29
76	High-Performance Poly(lactic-co-glycolic acid)-Magnetic Microspheres Prepared by Rotating Membrane Emulsification for Transcatheter Arterial Embolization and Magnetic Ablation in VX Liver Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43478-43489	9.5	29
75	Measurement of In Vitro Single Cell Temperature by Novel Thermocouple Nanoprobe in Acute Lung Injury Models. <i>Journal of Biomedical Nanotechnology</i> , 2017 , 13, 54-60	4	3
74	Superparamagnetic anisotropic nano-assemblies with longer blood circulation in vivo: a highly efficient drug delivery carrier for leukemia therapy. <i>Nanoscale</i> , 2016 , 8, 17085-17089	7.7	18
73	Enhanced Osteogenesis of ADSCs by the Synergistic Effect of Aligned Fibers Containing Collagen I. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29289-29297	9.5	45
72	Growth enhancing effect of LBL-assembled magnetic nanoparticles on primary bone marrow cells. <i>Science China Materials</i> , 2016 , 59, 901-910	7.1	14
71	Sliced Magnetic Polyacrylamide Hydrogel with Cell-Adhesive Microarray Interface: A Novel Multicellular Spheroid Culturing Platform. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15113-9	9.5	42
70	Enzyme catalysis enhanced dark-field imaging as a novel immunohistochemical method. <i>Nanoscale</i> , 2016 , 8, 8553-8	7.7	14
69	An efficient synthesis of ferumoxytol induced by alternating-current magnetic field. <i>Materials Letters</i> , 2016 , 170, 93-96	3.3	45
68	Response of MAPK pathway to iron oxide nanoparticles in vitro treatment promotes osteogenic differentiation of hBMSCs. <i>Biomaterials</i> , 2016 , 86, 11-20	15.6	161
67	Prussian Blue Nanoparticles as Multienzyme Mimetics and Reactive Oxygen Species Scavengers. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5860-5	16.4	386
66	Glucose and magnetic-responsive approach toward in situ nitric oxide bubbles controlled generation for hyperglycemia theranostics. <i>Journal of Controlled Release</i> , 2016 , 228, 87-95	11.7	49
65	Homoharringtonine delivered by high proportion PEG of long-circulating liposomes inhibits RPMI8226 multiple myeloma cells in vitro and in vivo. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1355-68	3	6

64	MiRNA-34a overexpression inhibits multiple myeloma cancer stem cell growth in mice by suppressing TGIF2. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 5433-5443	3	20
63	Silver nanoparticles outperform gold nanoparticles in radiosensitizing U251 cells in vitro and in an intracranial mouse model of glioma. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5003-5014	7.3	69
62	Influence of Reaction Solvent on Crystallinity and Magnetic Properties of MnFe ₂ O ₄ Nanoparticles Synthesized by Thermal Decomposition. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-8	3.2	9
61	Active-target T1-weighted MR Imaging of Tiny Hepatic Tumor via RGD Modified Ultra-small Fe ₃ O ₄ Nanopores. <i>Theranostics</i> , 2016 , 6, 1780-91	12.1	46
60	The preosteoblast response of electrospinning PLGA/PCL nanofibers: effects of biomimetic architecture and collagen I. <i>International Journal of Nanomedicine</i> , 2016 , 11, 4157-71	7.3	26
59	The Smart Drug Delivery System and Its Clinical Potential. <i>Theranostics</i> , 2016 , 6, 1306-23	12.1	533
58	Micro/Nanoscale Thermometry for Cellular Thermal Sensing. <i>Small</i> , 2016 , 12, 4590-610	11	150
57	Multi-modal Mn-Zn ferrite nanocrystals for magnetically-induced cancer targeted hyperthermia: a comparison of passive and active targeting effects. <i>Nanoscale</i> , 2016 , 8, 16902-15	7.7	57
56	Reactive oxygen species acts as executor in radiation enhancement and autophagy inducing by AgNPs. <i>Biomaterials</i> , 2016 , 101, 1-9	15.6	78
55	Orientation-Dependent Thermogenesis of Assembled Magnetic Nanoparticles in the Presence of an Alternating Magnetic Field. <i>ChemPhysChem</i> , 2016 , 17, 3377-3384	3.2	10
54	A Multi-Gradient Targeting Drug Delivery System Based on RGD-l-TRAIL-Labeled Magnetic Microbubbles for Cancer Theranostics. <i>Advanced Functional Materials</i> , 2016 , 26, 8313-8324	15.6	36
53	Assembly-Induced Thermogenesis of Gold Nanoparticles in the Presence of Alternating Magnetic Field for Controllable Drug Release of Hydrogel. <i>Advanced Materials</i> , 2016 , 28, 10801-10808	24	45
52	Enhanced Radiosensitization of Gold Nanospikes via Hyperthermia in Combined Cancer Radiation and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28480-28494	9.5	94
51	Graphene oxide-based Fe ₂ O ₃ hybrid enzyme mimetic with enhanced peroxidase and catalase-like activities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 506, 747-755	5.1	45
50	Cardioprotective activity of iron oxide nanoparticles. <i>Scientific Reports</i> , 2015 , 5, 8579	4.9	52
49	Effective PEGylation of Fe ₃ O ₄ Nanomicelles for In Vivo MR Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4111-8	1.3	17
48	Magnetic field activated drug release system based on magnetic PLGA microspheres for chemo-thermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 712-20	6	55
47	Phage-mediated counting by the naked eye of miRNA molecules at attomolar concentrations in a Petri dish. <i>Nature Materials</i> , 2015 , 14, 1058-64	27	69

46	Altering the response of intracellular reactive oxygen to magnetic nanoparticles using ultrasound and microbubbles. <i>Science China Materials</i> , 2015 , 58, 467-480	7.1	14
45	A Novel Approach to Making the Gas-Filled Liposome Real: Based on the Interaction of Lipid with Free Nanobubble within the Solution. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26579-84	9.5	26
44	A novel magnetic hydrogel with aligned magnetic colloidal assemblies showing controllable enhancement of magnetothermal effect in the presence of alternating magnetic field. <i>Advanced Materials</i> , 2015 , 27, 2507-14	24	135
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