

Xintao Shuai

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.

201
papers

10,617
citations

55
h-index

96
g-index

215
ext. papers

11,808
ext. citations

8.5
avg, IF

6.19
L-index

#	Paper	IF	Citations
201	A pH-sensitive nanomedicine incorporating catalase gene and photosensitizer augments photodynamic therapy and activates antitumor immunity. <i>Nano Today</i> , 2022 , 43, 101390	17.9	4
200	GSH-Responsive Metal-Organic Framework for Intratumoral Release of NO and IDO Inhibitor to Enhance Antitumor Immunotherapy.. <i>Small</i> , 2022 , e2107732	11	3
199	Nanodrug shows spatiotemporally controlled release of anti-PD-L1 antibody and STING agonist to effectively inhibit tumor progression after radiofrequency ablation. <i>Nano Today</i> , 2022 , 43, 101425	17.9	2
198	Molecular imaging nanoprobe for theranostic applications.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114, 102385	18.5	2
197	Nanodrug simultaneously regulates stromal extracellular matrix and glucose metabolism for effective immunotherapy against orthotopic pancreatic cancer. <i>Nano Today</i> , 2022 , 44, 101490	17.9	1
196	A polymer-calcium phosphate nanocapsule for RNAi-induced oxidative stress and cascaded chemotherapy. <i>Journal of Controlled Release</i> , 2021 , 340, 259-270	11.7	3
195	A nanodrug incorporating siRNA PD-L1 and Birinapant for enhancing tumor immunotherapy. <i>Biomaterials Science</i> , 2021 , 9, 8007-8018	7.4	1
194	Celastrol-based nanomedicine promotes corneal allograft survival. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 341	9.4	2
193	Dual-Sensitive PEG-Sheddable Nanodrug Hierarchically Incorporating PD-L1 Antibody and Zinc Phthalocyanine for Improved Immuno-Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 12845-12856	9.5	9
192	Manipulation of the Nanoscale Presentation of Integrin Ligand Produces Cancer Cells with Enhanced Stemness and Robust Tumorigenicity. <i>Nano Letters</i> , 2021 , 21, 3225-3236	11.5	15
191	Nanomedicine-Boosting Tumor Immunogenicity for Enhanced Immunotherapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2011171	15.6	20
190	Multifunctional Nanodrug Mediates Synergistic Photodynamic Therapy and MDSCs-Targeting Immunotherapy of Colon Cancer. <i>Advanced Science</i> , 2021 , 8, e2100712	13.6	12
189	Delivery of siHIF-1 α to Reconstruct Tumor Normoxic Microenvironment for Effective Chemotherapeutic and Photodynamic Anticancer Treatments. <i>Small</i> , 2021 , 17, e2100609	11	4
188	Nanomedicine promotes ferroptosis to inhibit tumour proliferation in vivo. <i>Redox Biology</i> , 2021 , 42, 101908	10.8	5
187	Lipidated Methotrexate Microbubbles: A Promising Rheumatoid Arthritis Theranostic Medicine Manipulated via Ultrasonic Irradiation. <i>Journal of Biomedical Nanotechnology</i> , 2021 , 17, 1293-1304	4	0
186	Recent development of gene therapy for pancreatic cancer using non-viral nanovectors. <i>Biomaterials Science</i> , 2021 , 9, 6673-6690	7.4	6
185	Nanomedicine Directs Neuronal Differentiation of Neural Stem Cells via Silencing Long Noncoding RNA for Stroke Therapy. <i>Nano Letters</i> , 2021 , 21, 806-815	11.5	9

184	A photo and tumor microenvironment activated nano-enzyme with enhanced ROS generation and hypoxia relief for efficient cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8253-8262	7.3	2
183	VEGFR2-targeted ultrasound molecular imaging of angiogenesis to evaluate liver allograft fibrosis. <i>Biomaterials Science</i> , 2021 , 9, 5802-5811	7.4	2
182	A versatile nanoagent for multimodal imaging-guided photothermal and anti-inflammatory combination cancer therapy. <i>Biomaterials Science</i> , 2021 , 9, 5025-5034	7.4	2
181	A light and hypoxia-activated nanodrug for cascade photodynamic-chemo cancer therapy. <i>Biomaterials Science</i> , 2021 , 9, 5218-5226	7.4	3
180	Nanodrug with dual-sensitivity to tumor microenvironment for immuno-sonodynamic anti-cancer therapy. <i>Biomaterials</i> , 2021 , 269, 120636	15.6	41
179	One-Pot Approach to Fe /Fe -Based MOFs with Enhanced Catalytic Activity for Fenton Reaction. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100780	10.1	4
178	Scaffold 3D-Printed from Metallic Nanoparticles-Containing Ink Simultaneously Eradicates Tumor and Repairs Tumor-Associated Bone Defects.. <i>Small Methods</i> , 2021 , 5, e2100536	12.8	4
177	Bimodal Imaging-Visible Nanomedicine Integrating CXCR4 and VEGFa Genes Directs Synergistic Reendothelialization of Endothelial Progenitor Cells. <i>Advanced Science</i> , 2020 , 7, 2001657	13.6	8
176	A reduction and pH dual-sensitive nanodrug for targeted theranostics in hepatocellular carcinoma. <i>Biomaterials Science</i> , 2020 , 8, 3485-3499	7.4	15
175	Chromosomal translocation-derived aberrant Rab22a drives metastasis of osteosarcoma. <i>Nature Cell Biology</i> , 2020 , 22, 868-881	23.4	13
174	Biomimetic Presentation of Cryptic Ligands Single-Chain Nanogels for Synergistic Regulation of Stem Cells. <i>ACS Nano</i> , 2020 , 14, 4027-4035	16.7	11
173	M2-Like Tumor-Associated Macrophage-Targeted Codelivery of STAT6 Inhibitor and IKK β siRNA Induces M2-to-M1 Repolarization for Cancer Immunotherapy with Low Immune Side Effects. <i>ACS Central Science</i> , 2020 , 6, 1208-1222	16.8	46
172	Local delivery of sunitinib and Ce6 via redox-responsive zwitterionic hydrogels effectively prevents osteosarcoma recurrence. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6418-6428	7.3	13
171	Catalytic rhodium (Rh)-based (mesoporous polydopamine) MPDA nanoparticles with enhanced phototherapeutic efficiency for overcoming tumor hypoxia. <i>Biomaterials Science</i> , 2020 , 8, 4157-4165	7.4	15
170	Dual pH-sensitive nanodrug blocks PD-1 immune checkpoint and uses T cells to deliver NF- κ B inhibitor for antitumor immunotherapy. <i>Science Advances</i> , 2020 , 6, eaay7785	14.3	47
169	Nanodrug with ROS and pH Dual-Sensitivity Ameliorates Liver Fibrosis via Multicellular Regulation. <i>Advanced Science</i> , 2020 , 7, 1903138	13.6	31
168	Codelivery of Anti-PD-1 Antibody and Paclitaxel with Matrix Metalloproteinase and pH Dual-Sensitive Micelles for Enhanced Tumor Chemoimmunotherapy. <i>Small</i> , 2020 , 16, e1906832	11	43
167	Mesoporous polydopamine carrying sorafenib and SPIO nanoparticles for MRI-guided ferroptosis cancer therapy. <i>Journal of Controlled Release</i> , 2020 , 320, 392-403	11.7	48

166	Molecular Probe Crossing Blood-Brain Barrier for Bimodal Imaging-Guided Photothermal/Photodynamic Therapies of Intracranial Glioblastoma. <i>Advanced Functional Materials</i> , 2020 , 30, 1909117	15.6	18
165	Cleavable bimetallic-organic polymers for ROS mediated cascaded cancer therapy under the guidance of MRI through tumor hypoxia relief strategy. <i>Science China Chemistry</i> , 2020 , 63, 936-945	7.9	11
164	Polydopamine-Encapsulated Perfluorocarbon for Ultrasound Contrast Imaging and Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 817-826	5.6	23
163	Redox Responsive Metal Organic Framework Nanoparticles Induces Ferroptosis for Cancer Therapy. <i>Small</i> , 2020 , 16, e2001251	11	34
162	Theranostic Nanomedicine for Synergistic Chemodynamic Therapy and Chemotherapy of Orthotopic Glioma. <i>Advanced Science</i> , 2020 , 7, 2003036	13.6	24
161	Inflammation-Targeted Celastrol Nanodrug Attenuates Collagen-Induced Arthritis through NF- κ B and Notch1 Pathways. <i>Nano Letters</i> , 2020 , 20, 7728-7736	11.5	35
160	Synergistic MicroRNA Therapy in Liver Fibrotic Rat Using MRI-Visible Nanocarrier Targeting Hepatic Stellate Cells. <i>Advanced Science</i> , 2019 , 6, 1801809	13.6	34
159	MRI-visible and pH-sensitive micelles loaded with doxorubicin for hepatoma treatment. <i>Biomaterials Science</i> , 2019 , 7, 1529-1542	7.4	16
158	A pH and reduction dual-sensitive polymeric nanomicelle for tumor microenvironment triggered cellular uptake and controlled intracellular drug release. <i>Biomaterials Science</i> , 2019 , 7, 3821-3831	7.4	14
157	Multifunctional Nanoregulator Reshapes Immune Microenvironment and Enhances Immune Memory for Tumor Immunotherapy. <i>Advanced Science</i> , 2019 , 6, 1900037	13.6	53
156	Core-Shell Distinct Nanodrug Showing On-Demand Sequential Drug Release To Act on Multiple Cell Types for Synergistic Anticancer Therapy. <i>ACS Nano</i> , 2019 , 13, 7036-7049	16.7	38
155	Theranostic Nanomedicine Carrying L-Menthol and Near-Infrared Dye for Multimodal Imaging-Guided Photothermal Therapy of Cancer. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900409	10.1	14
154	Mesoporous Polydopamine Carrying Manganese Carbonyl Responds to Tumor Microenvironment for Multimodal Imaging-Guided Cancer Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1900095	15.6	96
153	Polymeric Vector-Mediated Targeted Delivery of Anti-PAK1 siRNA to Macrophages for Efficient Atherosclerosis Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4455-4462	5.5	6
152	The programmed site-specific delivery of the angiostatin sunitinib and chemotherapeutic paclitaxel for highly efficient tumor treatment. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4953-4962	7.3	9
151	I6P7 peptide modified superparamagnetic iron oxide nanoparticles for magnetic resonance imaging detection of low-grade brain gliomas. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6139-6147	7.3	5
150	Enhanced osteogenic differentiation of MC3T3-E1 on rhBMP-2 immobilized titanium surface through polymer-mediated electrostatic interaction. <i>Applied Surface Science</i> , 2019 , 471, 986-998	6.7	10
149	Cerasome-based gold-nanoshell encapsulating L-menthol for ultrasound contrast imaging and photothermal therapy of cancer. <i>Nanotechnology</i> , 2019 , 30, 015101	3.4	5

148	Co-Delivery of Doxorubicin and Anti-BCL-2 siRNA by pH-Responsive Polymeric Vector to Overcome Drug Resistance in In Vitro and In Vivo HepG2 Hepatoma Model. <i>Biomacromolecules</i> , 2018 , 19, 2248-2256	6.9	49
147	Size-Modulable Nanoprobe for High-Performance Ultrasound Imaging and Drug Delivery against Cancer. <i>ACS Nano</i> , 2018 , 12, 3449-3460	16.7	54
146	Directed Differentiation: MRI-Visible siRNA Nanomedicine Directing Neuronal Differentiation of Neural Stem Cells in Stroke (Adv. Funct. Mater. 14/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870092	15.6	52
145	Near-Infrared-Light-Induced Morphology Transition of Poly(ether amine) Nanoparticles for Supersensitive Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7413-7421	9.5	21
144	MRI-Visible siRNA Nanomedicine Directing Neuronal Differentiation of Neural Stem Cells in Stroke. <i>Advanced Functional Materials</i> , 2018 , 28, 1706769	15.6	23
143	Highly uniform ultrasound-sensitive nanospheres produced by a pH-induced micelle-to-vesicle transition for tumor-targeted drug delivery. <i>Nano Research</i> , 2018 , 11, 3710-3721	10	15
142	Reduction and pH dual-sensitive nanovesicles co-delivering doxorubicin and gefitinib for effective tumor therapy.. <i>RSC Advances</i> , 2018 , 8, 2082-2091	3.7	14
141	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. <i>Acta Biomaterialia</i> , 2018 , 71, 293-305	10.8	70
140	pH-Sensitive Nanocarrier-Mediated Codelivery of Simvastatin and Noggin siRNA for Synergistic Enhancement of Osteogenesis. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 28471-28482	9.5	31
139	Diketopyrrolopyrrole-based carbon dots for photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 10991-10998	7.7	69
138	Codelivery of temozolomide and siRNA with polymeric nanocarrier for effective glioma treatment. <i>International Journal of Nanomedicine</i> , 2018 , 13, 3467-3480	7.3	29
137	Nanomedicines reveal how PBOV1 promotes hepatocellular carcinoma for effective gene therapy. <i>Nature Communications</i> , 2018 , 9, 3430	17.4	30
136	Polymeric nanovesicles as simultaneous delivery platforms with doxorubicin conjugation and elacridar encapsulation for enhanced treatment of multidrug-resistant breast cancer. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7521-7529	7.3	11
135	Multifunctional Hybrid Liposome as a Theranostic Platform for Magnetic Resonance Imaging Guided Photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2597-2605	5.5	13
134	Perfluorohexane-cored nanodroplets for stimulations-responsive ultrasonography and O-potentiated photodynamic therapy. <i>Biomaterials</i> , 2018 , 175, 61-71	15.6	60
133	Aortic plaque-targeted andrographolide delivery with oxidation-sensitive micelle effectively treats atherosclerosis via simultaneous ROS capture and anti-inflammation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2215-2226	6	54
132	Stimuli-Responsive Polymeric Nanocarriers for Efficient Gene Delivery. <i>Topics in Current Chemistry</i> , 2017 , 375, 27	7.2	44
131	Nanotubular topography enhances the bioactivity of titanium implants. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1913-1923	6	39

130	Ultrasound Imaging Based on Molecular Targeting for Quantitative Evaluation of Hepatic Ischemia-Reperfusion Injury. <i>American Journal of Transplantation</i> , 2017 , 17, 3087-3097	8.7	14
129	Polymeric vector-mediated delivery of an miR-21 inhibitor for prostate cancer treatment. <i>RSC Advances</i> , 2017 , 7, 11057-11066	3.7	5
128	A novel polymeric micelle used for in vivo MR imaging tracking of neural stem cells in acute ischemic stroke. <i>RSC Advances</i> , 2017 , 7, 15041-15052	3.7	25
127	Gold nanocage decorated pH-sensitive micelle for highly effective photothermo-chemotherapy and photoacoustic imaging. <i>Acta Biomaterialia</i> , 2017 , 64, 223-236	10.8	20
126	Amelioration of cirrhotic portal hypertension by targeted cyclooxygenase-1 siRNA delivery to liver sinusoidal endothelium with polyethylenimine grafted hyaluronic acid. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 2329-2339	6	13
125	Codelivery of sorafenib and GPC3 siRNA with PEI-modified liposomes for hepatoma therapy. <i>Biomaterials Science</i> , 2017 , 5, 2468-2479	7.4	34
124	The long-term fate of mesenchymal stem cells labeled with magnetic resonance imaging-visible polymersomes in cerebral ischemia. <i>International Journal of Nanomedicine</i> , 2017 , 12, 6705-6719	7.3	23
123	Chitosan coated gold nanorod chelating gadolinium for MRI-visible photothermal therapy of cancer. <i>RSC Advances</i> , 2016 , 6, 111337-111344	3.7	17
122	Theranostical nanosystem-mediated identification of an oncogene and highly effective therapy in hepatocellular carcinoma. <i>Hepatology</i> , 2016 , 63, 1240-55	11.2	37
121	A pH-sensitive prodrug micelle self-assembled from multi-doxorubicin-tailed polyethylene glycol for cancer therapy. <i>RSC Advances</i> , 2016 , 6, 9160-9163	3.7	27
120	Ultrasound-responsive microbubbles for sonography-guided siRNA delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 1139-1149	6	32
119	Co-delivery of doxorubicin and arsenite with reduction and pH dual-sensitive vesicle for synergistic cancer therapy. <i>Nanoscale</i> , 2016 , 8, 12608-17	7.7	35
118	Photothermo-chemotherapy of cancer employing drug leakage-free gold nanoshells. <i>Biomaterials</i> , 2016 , 78, 40-9	15.6	68
117	Construction of negatively charged and environment-sensitive nanomedicine for tumor-targeted efficient siRNA delivery. <i>Chemical Communications</i> , 2016 , 52, 1194-7	5.8	23
116	Molecular Targeted Magnetic Resonance Imaging of Human Colorectal Carcinoma (LoVo) Cells Using Novel Superparamagnetic Iron Oxide- Loaded Nanovesicles: In Vitro and in vivo Studies. <i>Current Cancer Drug Targets</i> , 2016 , 16, 551-60	2.8	2
115	Superparamagnetic Iron Oxide-Loaded Cationic Polymersomes for Cellular MR Imaging of Therapeutic Stem Cells in Stroke. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 2112-24	4	27
114	Perfluorooctyl bromide traces self-assembled with polymeric nanovesicles for blood pool ultrasound imaging. <i>Biomaterials Science</i> , 2016 , 4, 979-88	7.4	6
113	Tumor-penetrating peptide modified and pH-sensitive polyplexes for tumor targeted siRNA delivery. <i>Polymer Chemistry</i> , 2016 , 7, 3857-3863	4.9	24

112	Regulated pH-Responsive Polymeric Micelles for Doxorubicin Delivery to the Nucleus of Liver Cancer Cells. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1258-69	4	16
111	Synthesis and characterization of cell-microenvironment-sensitive leakage-free gold-shell nanoparticles with the template of interlayer-crosslinked micelles. <i>Chemical Communications</i> , 2015 , 51, 9682-5	5.8	13
110	Biodegradable Multiamine Polymeric Vector for siRNA Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2015 , 11, 668-79	4	16
109	Nanovector for Gene Transfection and MR Imaging of Mesenchymal Stem Cells. <i>Journal of Biomedical Nanotechnology</i> , 2015 , 11, 644-56	4	9
108	Synthesis and Characterization of pH-Responsive Copolypeptides Vesicles for siRNA and Chemotherapeutic Drug Co-Delivery. <i>Macromolecular Bioscience</i> , 2015 , 15, 1497-506	5.5	29
107	Effective siRNA therapy of hepatoma mediated by a nonviral vector with MRI-visibility and biodegradability. <i>RSC Advances</i> , 2015 , 5, 21103-21111	3.7	13
106	Drug and gene co-delivery systems for cancer treatment. <i>Biomaterials Science</i> , 2015 , 3, 1035-49	7.4	74
105	A dual ligand targeted nanoprobe with high MRI sensitivity for diagnosis of breast cancer. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 321-332	3.5	13
104	Co-delivery of doxorubicin and siRNA with reduction and pH dually sensitive nanocarrier for synergistic cancer therapy. <i>Small</i> , 2014 , 10, 2678-87	11	124
103	In vivo monitoring of neural stem cells after transplantation in acute cerebral infarction with dual-modal MR imaging and optical imaging. <i>Biomaterials</i> , 2014 , 35, 4627-35	15.6	60
102	Copolymer of poly(ethylene glycol) and poly(L-lysine) grafting polyethylenimine through a reducible disulfide linkage for siRNA delivery. <i>Nanoscale</i> , 2014 , 6, 1732-40	7.7	79
101	A reduction and pH dual-sensitive polymeric vector for long-circulating and tumor-targeted siRNA delivery. <i>Advanced Materials</i> , 2014 , 26, 8217-24	24	184
100	Co-delivery of 5-fluorocytosine and cytosine deaminase into glioma cells mediated by an intracellular environment-responsive nanovesicle. <i>Polymer Chemistry</i> , 2014 , 5, 4542-4552	4.9	15
99	Polymeric vector-mediated gene transfection of MSCs for dual bioluminescent and MRI tracking in vivo. <i>Biomaterials</i> , 2014 , 35, 8249-60	15.6	37
98	Highly uniform and stable cerasomal microcapsule with good biocompatibility for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 327-33	6	10
97	A pH-sensitive micelle for codelivery of siRNA and doxorubicin to hepatoma cells. <i>Polymer</i> , 2014 , 55, 3217-3226	3.9	20
96	Stimulation-Sensitive Drug Delivery Systems 2014 , 305-330		
95	Downregulation of ROCK2 through nanocomplex sensitizes the cytotoxic effect of temozolomide in U251 glioma cells. <i>PLoS ONE</i> , 2014 , 9, e92050	3.7	8

94	pH-sensitive nanomicelles for controlled and efficient drug delivery to human colorectal carcinoma LoVo cells. <i>PLoS ONE</i> , 2014 , 9, e100732	3.7	32
93	PinX1-siRNA/mPEG-PEI-SPION combined with doxorubicin enhances the inhibition of glioma growth. <i>Experimental and Therapeutic Medicine</i> , 2014 , 7, 1170-1176	2.1	11
92	Magnetic resonance imaging-visible and pH-sensitive polymeric micelles for tumor targeted drug delivery. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 216-26	4	30
91	Combination of siRNA-directed Kras oncogene silencing and arsenic-induced apoptosis using a nanomedicine strategy for the effective treatment of pancreatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 463-72	6	30
90	Tumor-penetrating codelivery of siRNA and paclitaxel with ultrasound-responsive nanobubbles hetero-assembled from polymeric micelles and liposomes. <i>Biomaterials</i> , 2014 , 35, 5932-43	15.6	121
89	Characterization of polyethylene glycol-grafted polyethylenimine and superparamagnetic iron oxide nanoparticles (PEG-g-PEI-SPION) as an MRI-visible vector for siRNA delivery in gastric cancer in vitro and in vivo. <i>Journal of Gastroenterology</i> , 2013 , 48, 809-21	6.9	45
88	Ultrasound-sensitive siRNA-loaded nanobubbles formed by hetero-assembly of polymeric micelles and liposomes and their therapeutic effect in gliomas. <i>Biomaterials</i> , 2013 , 34, 4532-43	15.6	129
87	Micelles assembled with carbocyanine dyes for theranostic near-infrared fluorescent cancer imaging and photothermal therapy. <i>Biomaterials</i> , 2013 , 34, 9124-33	15.6	133
86	Suppression of pancreatic tumor growth by targeted arsenic delivery with anti-CD44v6 single chain antibody conjugated nanoparticles. <i>Biomaterials</i> , 2013 , 34, 6175-84	15.6	51
85	Sensitive detection of glucose in human serum with oligonucleotide modified gold nanoparticles by using dynamic light scattering technique. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 880-3	11.8	20
84	An MRI-visible non-viral vector bearing GD2 single chain antibody for targeted gene delivery to human bone marrow mesenchymal stem cells. <i>PLoS ONE</i> , 2013 , 8, e76612	3.7	13
83	Effect of PEG-PDLLA polymeric nanovesicles loaded with doxorubicin and hematoporphyrin monomethyl ether on human hepatocellular carcinoma HepG2 cells in vitro. <i>International Journal of Nanomedicine</i> , 2013 , 8, 4613-22	7.3	8
82	Multifunctional nanocarrier mediated co-delivery of doxorubicin and siRNA for synergistic enhancement of glioma apoptosis in rat. <i>Biomaterials</i> , 2012 , 33, 1170-9	15.6	148
81	Synthesis and characterization of polycation block copolymer Poly(l-lysine)-b-poly[N-(N',N'-diisopropyl-aminoethyl)aspartamide] as potential pH responsive gene delivery system. <i>Polymer</i> , 2012 , 53, 342-349	3.9	13
80	Design of multifunctional micelle for tumor-targeted intracellular drug release and fluorescent imaging. <i>Advanced Materials</i> , 2012 , 24, 115-20	24	226
79	Controllable labelling of stem cells with a novel superparamagnetic iron oxide-loaded cationic nanovesicle for MR imaging. <i>European Radiology</i> , 2012 , 22, 2328-37	8	20
78	Pigment epithelium-derived factor gene loaded in cRGD-PEG-PEI suppresses colorectal cancer growth by targeting endothelial cells. <i>International Journal of Pharmaceutics</i> , 2012 , 438, 1-10	6.5	16
77	Simultaneous diagnosis and gene therapy of immuno-rejection in rat allogeneic heart transplantation model using a T-cell-targeted theranostic nanosystem. <i>ACS Nano</i> , 2012 , 6, 10646-57	16.7	53

76	Delivery of cationic polymer-siRNA nanoparticles for gene therapies in neural regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 421, 690-5	3.4	45
75	A highly sensitive sensor for Cu ²⁺ with unmodified gold nanoparticles and DNAzyme by using the dynamic light scattering technique. <i>Analyst, The</i> , 2012 , 137, 3064-9	5	34
74	Nanobubbles for enhanced ultrasound imaging of tumors. <i>International Journal of Nanomedicine</i> , 2012 , 7, 895-904	7.3	131
73	Development of an MRI-visible nonviral vector for siRNA delivery targeting gastric cancer. <i>International Journal of Nanomedicine</i> , 2012 , 7, 359-68	7.3	27
72	Enhanced apoptosis of ovarian cancer cells via nanocarrier-mediated codelivery of siRNA and doxorubicin. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3823-35	7.3	40
71	Molecular nanoworm with PCL core and PEO shell as a non-spherical carrier for drug delivery. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1351-5	4.8	70
70	Detection of Pb ²⁺ at attomole levels by using dynamic light scattering and unmodified gold nanoparticles. <i>Analytical Biochemistry</i> , 2012 , 421, 582-6	3.1	26
69	Age-related decline in reendothelialization capacity of human endothelial progenitor cells is restored by shear stress. <i>Hypertension</i> , 2012 , 59, 1225-31	8.5	64
68	An MRI-visible non-viral vector for targeted Bcl-2 siRNA delivery to neuroblastoma. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3319-32	7.3	42
67	Ultrasensitive detection of lead(II) with DNAzyme and gold nanoparticles probes by using a dynamic light scattering technique. <i>Chemical Communications</i> , 2011 , 47, 4192-4	5.8	89
66	A pH-sensitive polymeric nanovesicle based on biodegradable poly(ethylene glycol)-b-poly(2-(diisopropylamino)ethyl aspartate) as a MRI-visible drug delivery system. <i>Journal of Materials Chemistry</i> , 2011 , 21, 15316		47
65	Interlayer-Crosslinked Micelle with Partially Hydrated Core Showing Reduction and pH Dual Sensitivity for Pinpointed Intracellular Drug Release. <i>Angewandte Chemie</i> , 2011 , 123, 9576-9580	3.6	15
64	Interlayer-crosslinked micelle with partially hydrated core showing reduction and pH dual sensitivity for pinpointed intracellular drug release. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9404-8	16.4	335
63	Dynamic-light-scattering-based sequence-specific recognition of double-stranded DNA with oligonucleotide-functionalized gold nanoparticles. <i>Chemistry - A European Journal</i> , 2011 , 17, 11230-6	4.8	46
62	Targeting EGFR-overexpressing tumor cells using Cetuximab-immunomicelles loaded with doxorubicin and superparamagnetic iron oxide. <i>European Journal of Radiology</i> , 2011 , 80, 699-705	4.7	67
61	Nonclustered magnetite nanoparticle encapsulated biodegradable polymeric micelles with enhanced properties for in vivo tumor imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4796		60
60	Low molecular weight alkyl-polycation wrapped magnetite nanoparticle clusters as MRI probes for stem cell labeling and in vivo imaging. <i>Biomaterials</i> , 2011 , 32, 528-37	15.6	111
59	Polyethylenimine-grafted copolymer of poly(L-lysine) and poly(ethylene glycol) for gene delivery. <i>Biomaterials</i> , 2011 , 32, 1694-705	15.6	101

58	The synergistic effect of hierarchical assemblies of siRNA and chemotherapeutic drugs co-delivered into hepatic cancer cells. <i>Biomaterials</i> , 2011 , 32, 2222-32	15.6	192
57	Hepatocyte-targeted psiRNA delivery mediated by galactosylated poly(ethylene glycol)-graft-polyethylenimine in vitro. <i>Journal of Biomaterials Applications</i> , 2011 , 26, 255-75	2.9	15
56	The investigation of polymer-siRNA nanoparticle for gene therapy of gastric cancer in vitro. <i>International Journal of Nanomedicine</i> , 2010 , 5, 129-36	7.3	70
55	Self-assembly of SiO ₂ /Gd-DTPA-polyethylenimine nanocomposites as magnetic resonance imaging probes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 540-8	1.3	21
54	Multifunctional polymeric vesicles for targeted drug delivery and imaging. <i>Biofabrication</i> , 2010 , 2, 025004	10.5	16
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