Xintao Shuai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9226346/publications.pdf

Version: 2024-02-01

205	13,145	16451 64	28297 105
papers	citations	h-index	g-index

215	215	215	14746
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A pH-sensitive nanomedicine incorporating catalase gene and photosensitizer augments photodynamic therapy and activates antitumor immunity. Nano Today, 2022, 43, 101390.	11.9	32
2	GSHâ€Responsive Metalâ€“Organic Framework for Intratumoral Release of NO and IDO Inhibitor to Enhance Antitumor Immunotherapy. Small, 2022, 18, e2107732.	10.0	31
3	Surgical Tumor-Derived Photothermal Nanovaccine for Personalized Cancer Therapy and Prevention. Nano Letters, 2022, 22, 3095-3103.	9.1	42
4	Nanodrug shows spatiotemporally controlled release of anti-PD-L1 antibody and STING agonist to effectively inhibit tumor progression after radiofrequency ablation. Nano Today, 2022, 43, 101425.	11.9	15
5	Molecular imaging nanoprobes for theranostic applications. Advanced Drug Delivery Reviews, 2022, 186, 114320.	13.7	41
6	Nanodrug simultaneously regulates stromal extracellular matrix and glucose metabolism for effective immunotherapy against orthotopic pancreatic cancer. Nano Today, 2022, 44, 101490.	11.9	14
7	Biomimetic nanoparticles for effective mild temperature photothermal therapy and multimodal imaging. Journal of Controlled Release, 2022, 347, 270-281.	9.9	29
8	Mild phototherapy mediated by manganese dioxide-loaded mesoporous polydopamine enhances immunotherapy against colorectal cancer. Biomaterials Science, 2022, 10, 3647-3656.	5.4	8
9	Upregulating microRNAâ€210 to Inhibit Apoptosis of Neural Stem Cells with an MRIâ€“Visible Nanomedicine for Stroke Therapy. Small Structures, 2022, 3, .	12.0	2
10	Theranostic nanosystem mediating cascade catalytic reactions for effective immunotherapy of highly immunosuppressive and poorly penetrable pancreatic tumor. Science China Chemistry, 2022, 65, 1383-1400.	8.2	5
11	Nanodrugs Incorporating LDHA siRNA Inhibit M2-like Polarization of TAMs and Amplify Autophagy to Assist Oxaliplatin Chemotherapy against Colorectal Cancer. ACS Applied Materials & Interfaces, 2022, 14, 31625-31633.	8.0	8
12	Programmable therapeutic nanoscale covalent organic framework for photodynamic therapy and hypoxia-activated cascade chemotherapy. Acta Biomaterialia, 2022, 149, 297-306.	8.3	16
13	Recent development of gene therapy for pancreatic cancer using non-viral nanovectors. Biomaterials Science, 2021, 9, 6673-6690.	5.4	18
14	Nanomedicine Directs Neuronal Differentiation of Neural Stem Cells via Silencing Long Noncoding RNA for Stroke Therapy. Nano Letters, 2021, 21, 806-815.	9.1	36
15	A photo and tumor microenvironment activated nano-enzyme with enhanced ROS generation and hypoxia relief for efficient cancer therapy. Journal of Materials Chemistry B, 2021, 9, 8253-8262.	5.8	14
16	VEGFR2-targeted ultrasound molecular imaging of angiogenesis to evaluate liver allograft fibrosis. Biomaterials Science, 2021, 9, 5802-5811.	5.4	4
17	A versatile nanoagent for multimodal imaging-guided photothermal and anti-inflammatory combination cancer therapy. Biomaterials Science, 2021, 9, 5025-5034.	5.4	10
18	A light and hypoxia-activated nanodrug for cascade photodynamic-chemo cancer therapy. Biomaterials Science, 2021, 9, 5218-5226.	5.4	12

#	Article	IF	Citations
19	Nanodrug with dual-sensitivity to tumor microenvironment for immuno-sonodynamic anti-cancer therapy. Biomaterials, 2021, 269, 120636.	11.4	122
20	Dual-Sensitive PEG-Sheddable Nanodrug Hierarchically Incorporating PD-L1 Antibody and Zinc Phthalocyanine for Improved Immuno-Photodynamic Therapy. ACS Applied Materials & Interfaces, 2021, 13, 12845-12856.	8.0	35
21	Manipulation of the Nanoscale Presentation of Integrin Ligand Produces Cancer Cells with Enhanced Stemness and Robust Tumorigenicity. Nano Letters, 2021, 21, 3225-3236.	9.1	28
22	Nanomedicineâ€Boosting Tumor Immunogenicity for Enhanced Immunotherapy. Advanced Functional Materials, 2021, 31, 2011171.	14.9	84
23	Multifunctional Nanodrug Mediates Synergistic Photodynamic Therapy and MDSCsâ€Targeting Immunotherapy of Colon Cancer. Advanced Science, 2021, 8, e2100712.	11.2	59
24	Delivery of siHIFâ€1Î± to Reconstruct Tumor Normoxic Microenvironment for Effective Chemotherapeutic and Photodynamic Anticancer Treatments. Small, 2021, 17, e2100609.	10.0	13
25	Nanomedicine promotes ferroptosis to inhibit tumour proliferation in vivo. Redox Biology, 2021, 42, 101908.	9.0	18
26	Lipidated Methotrexate Microbubbles: A Promising Rheumatoid Arthritis Theranostic Medicine Manipulated via Ultrasonic Irradiation. Journal of Biomedical Nanotechnology, 2021, 17, 1293-1304.	1.1	3
27	Oneâ€Pot Approach to Fe²⁺/Fe³⁺â€Based MOFs with Enhanced Catalytic Activity for Fenton Reaction. Advanced Healthcare Materials, 2021, 10, e2100780.	7.6	26
28	Scaffold 3Dâ€Printed from Metallic Nanoparticlesâ€Containing Ink Simultaneously Eradicates Tumor and Repairs Tumorâ€Associated Bone Defects. Small Methods, 2021, 5, e2100536.	8.6	27
29	A nanodrug incorporating siRNA PD-L1 and Birinapant for enhancing tumor immunotherapy. Biomaterials Science, 2021, 9, 8007-8018.	5.4	7
30	Celastrol-based nanomedicine promotes corneal allograft survival. Journal of Nanobiotechnology, 2021, 19, 341.	9.1	14
31	A polymerâ€'calcium phosphate nanocapsule for RNAi-induced oxidative stress and cascaded chemotherapy. Journal of Controlled Release, 2021, 340, 259-270.	9.9	13
32	Polydopamine-Encapsulated Perfluorocarbon for Ultrasound Contrast Imaging and Photothermal Therapy. Molecular Pharmaceutics, 2020, 17, 817-826.	4.6	36
33	Redox Responsive Metal Organic Framework Nanoparticles Induces Ferroptosis for Cancer Therapy. Small, 2020, 16, e2001251.	10.0	107
34	Theranostic Nanomedicine for Synergistic Chemodynamic Therapy and Chemotherapy of Orthotopic Glioma. Advanced Science, 2020, 7, 2003036.	11.2	65
35	Inflammation-Targeted Celastrol Nanodrug Attenuates Collagen-Induced Arthritis through NF-ÎºB and Notch1 Pathways. Nano Letters, 2020, 20, 7728-7736.	9.1	101
36	Bimodal Imagingâ€Visible Nanomedicine Integrating CXCR4 and VEGFa Genes Directs Synergistic Reendothelialization of Endothelial Progenitor Cells. Advanced Science, 2020, 7, 2001657.	11.2	15

#	Article	IF	Citations
37	A reduction and pH dual-sensitive nanodrug for targeted theranostics in hepatocellular carcinoma. Biomaterials Science, 2020, 8, 3485-3499.	5.4	30
38	Chromosomal translocation-derived aberrant Rab22a drives metastasis of osteosarcoma. Nature Cell Biology, 2020, 22, 868-881.	10.3	35
39	Biomimetic Presentation of Cryptic Ligands via Single-Chain Nanogels for Synergistic Regulation of Stem Cells. ACS Nano, 2020, 14, 4027-4035.	14.6	22
40	M2-Like Tumor-Associated Macrophage-Targeted Codelivery of STAT6 Inhibitor and IKKÎ² siRNA Induces M2-to-M1 Repolarization for Cancer Immunotherapy with Low Immune Side Effects. ACS Central Science, 2020, 6, 1208-1222.	11.3	133
41	Local delivery of sunitinib and Ce6 via redox-responsive zwitterionic hydrogels effectively prevents osteosarcoma recurrence. Journal of Materials Chemistry B, 2020, 8, 6418-6428.	5.8	27
42	Catalytic rhodium (Rh)-based (mesoporous polydopamine) MPDA nanoparticles with enhanced phototherapeutic efficiency for overcoming tumor hypoxia. Biomaterials Science, 2020, 8, 4157-4165.	5.4	31
43	Dual pH-sensitive nanodrug blocks PD-1 immune checkpoint and uses T cells to deliver NF-ÎºB inhibitor for antitumor immunotherapy. Science Advances, 2020, 6, eaay7785.	10.3	95
44	Nanodrug with ROS and pH Dualâ€Sensitivity Ameliorates Liver Fibrosis via Multicellular Regulation. Advanced Science, 2020, 7, 1903138.	11.2	59
45	Codelivery of Antiâ€PDâ€1 Antibody and Paclitaxel with Matrix Metalloproteinase and pH Dualâ€Sensitive Micelles for Enhanced Tumor Chemoimmunotherapy. Small, 2020, 16, e1906832.	10.0	80
46	Mesoporous polydopamine carrying sorafenib and SPIO nanoparticles for MRI-guided ferroptosis cancer therapy. Journal of Controlled Release, 2020, 320, 392-403.	9.9	108
47	Molecular Probe Crossing Bloodâ€“Brain Barrier for Bimodal Imagingâ€“Guided Photothermal/Photodynamic Therapies of Intracranial Glioblastoma. Advanced Functional Materials, 2020, 30, 1909117.	14.9	37
48	Cleavable bimetallic-organic polymers for ROS mediated cascaded cancer therapy under the guidance of MRI through tumor hypoxia relief strategy. Science China Chemistry, 2020, 63, 936-945.	8.2	21
49	Polymeric Vector-Mediated Targeted Delivery of Anti-PAK1 siRNA to Macrophages for Efficient Atherosclerosis Treatment. ACS Biomaterials Science and Engineering, 2019, 5, 4455-4462.	5.2	11
50	The programmed site-specific delivery of the angiostatin sunitinib and chemotherapeutic paclitaxel for highly efficient tumor treatment. Journal of Materials Chemistry B, 2019, 7, 4953-4962.	5.8	12
51	Synergistic MicroRNA Therapy in Liver Fibrotic Rat Using MRIâ€Visible Nanocarrier Targeting Hepatic Stellate Cells. Advanced Science, 2019, 6, 1801809.	11.2	58
52	MRI-visible and pH-sensitive micelles loaded with doxorubicin for hepatoma treatment. Biomaterials Science, 2019, 7, 1529-1542.	5.4	30
53	A pH and reduction dual-sensitive polymeric nanomicelle for tumor microenvironment triggered cellular uptake and controlled intracellular drug release. Biomaterials Science, 2019, 7, 3821-3831.	5.4	21
54	Multifunctional Nanoregulator Reshapes Immune Microenvironment and Enhances Immune Memory for Tumor Immunotherapy. Advanced Science, 2019, 6, 1900037.	11.2	94

#	Article	IF	Citations
55	Coreâ€“Shell Distinct Nanodrug Showing On-Demand Sequential Drug Release To Act on Multiple Cell Types for Synergistic Anticancer Therapy. ACS Nano, 2019, 13, 7036-7049.	14.6	57
56	Theranostic Nanomedicine Carrying Lâ€Menthol and Nearâ€Infrared Dye for Multimodal Imagingâ€Guided Photothermal Therapy of Cancer. Advanced Healthcare Materials, 2019, 8, e1900409.	7.6	19
57	Mesoporous Polydopamine Carrying Manganese Carbonyl Responds to Tumor Microenvironment for Multimodal Imagingâ€Guided Cancer Therapy. Advanced Functional Materials, 2019, 29, 1900095.	14.9	168
58	I6P7 peptide modified superparamagnetic iron oxide nanoparticles for magnetic resonance imaging detection of low-grade brain gliomas. Journal of Materials Chemistry B, 2019, 7, 6139-6147.	5.8	14
59	Enhanced osteogenic differentiation of MC3T3-E1 on rhBMP-2 immobilized titanium surface through polymer-mediated electrostatic interaction. Applied Surface Science, 2019, 471, 986-998.	6.1	12
60	Cerasome-based gold-nanoshell encapsulating L-menthol for ultrasound contrast imaging and photothermal therapy of cancer. Nanotechnology, 2019, 30, 015101.	2.6	7
61	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. Biomacromolecules, 2018, 19, 2248-2256.	5.4	74
62	Size-Modulable Nanoprobe for High-Performance Ultrasound Imaging and Drug Delivery against Cancer. ACS Nano, 2018, 12, 3449-3460.	14.6	84
63	Directed Differentiation: MRI-Visible siRNA Nanomedicine Directing Neuronal Differentiation of Neural Stem Cells in Stroke (Adv. Funct. Mater. 14/2018). Advanced Functional Materials, 2018, 28, 1870092.	14.9	0
64	Near-Infrared-Light-Induced Morphology Transition of Poly(ether amine) Nanoparticles for Supersensitive Drug Release. ACS Applied Materials & Interfaces, 2018, 10, 7413-7421.	8.0	28
65	MRIâ€Visible siRNA Nanomedicine Directing Neuronal Differentiation of Neural Stem Cells in Stroke. Advanced Functional Materials, 2018, 28, 1706769.	14.9	31
66	Highly uniform ultrasound-sensitive nanospheres produced by a pH-induced micelle-to-vesicle transition for tumor-targeted drug delivery. Nano Research, 2018, 11, 3710-3721.	10.4	27
67	Reduction and pH dual-sensitive nanovesicles co-delivering doxorubicin and gefitinib for effective tumor therapy. RSC Advances, 2018, 8, 2082-2091.	3.6	20
68	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. Acta Biomaterialia, 2018, 71, 293-305.	8.3	112
69	Polymeric nanovesicles as simultaneous delivery platforms with doxorubicin conjugation and elacridar encapsulation for enhanced treatment of multidrug-resistant breast cancer. Journal of Materials Chemistry B, 2018, 6, 7521-7529.	5.8	15
70	Multifunctional Hybrid Liposome as a Theranostic Platform for Magnetic Resonance Imaging Guided Photothermal Therapy. ACS Biomaterials Science and Engineering, 2018, 4, 2597-2605.	5.2	14
71	Perfluorohexane-cored nanodroplets for stimulations-responsive ultrasonography and O 2 -potentiated photodynamic therapy. Biomaterials, 2018, 175, 61-71.	11.4	87
72	Aortic plaque-targeted andrographolide delivery with oxidation-sensitive micelle effectively treats atherosclerosis via simultaneous ROS capture and anti-inflammation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2215-2226.	3.3	82

#	Article	IF	Citations
73	pH-Sensitive Nanocarrier-Mediated Codelivery of Simvastatin and Noggin siRNA for Synergistic Enhancement of Osteogenesis. ACS Applied Materials & Interfaces, 2018, 10, 28471-28482.	8.0	39
74	Diketopyrrolopyrrole-based carbon dots for photodynamic therapy. Nanoscale, 2018, 10, 10991-10998.	5.6	101
75	Codelivery of temozolomide and siRNA with polymeric nanocarrier for effective glioma treatment. International Journal of Nanomedicine, 2018, Volume 13, 3467-3480.	6.7	50
76	Nanomedicines reveal how PBOV1 promotes hepatocellular carcinoma for effective gene therapy. Nature Communications, 2018, 9, 3430.	12.8	44
77	Stimuli-Responsive Polymeric Nanocarriers for Efficient Gene Delivery. Topics in Current Chemistry, 2017, 375, 27.	5.8	52
78	Nanotubular topography enhances the bioactivity of titanium implants. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1913-1923.	3.3	51
79	Ultrasound Imaging Based on Molecular Targeting for Quantitative Evaluation of Hepatic Ischemiaâ€“Reperfusion Injury. American Journal of Transplantation, 2017, 17, 3087-3097.	4.7	19
80	Polymeric vector-mediated delivery of an miR-21 inhibitor for prostate cancer treatment. RSC Advances, 2017, 7, 11057-11066.	3.6	7
81	A novel polymeric micelle used for in vivo MR imaging tracking of neural stem cells in acute ischemic stroke. RSC Advances, 2017, 7, 15041-15052.	3.6	26
82	Gold nanocage decorated pH-sensitive micelle for highly effective photothermo-chemotherapy and photoacoustic imaging. Acta Biomaterialia, 2017, 64, 223-236.	8.3	30
83	Amelioration of cirrhotic portal hypertension by targeted cyclooxygenase-1 siRNA delivery to liver sinusoidal endothelium with polyethylenimine grafted hyaluronic acid. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2329-2339.	3.3	17
84	Codelivery of sorafenib and GPC3 siRNA with PEI-modified liposomes for hepatoma therapy. Biomaterials Science, 2017, 5, 2468-2479.	5.4	45
85	The long-term fate of mesenchymal stem cells labeled with magnetic resonance imaging-visible polymersomes in cerebral ischemia. International Journal of Nanomedicine, 2017, Volume 12, 6705-6719.	6.7	36
86	Superparamagnetic Iron Oxide-Loaded Cationic Polymersomes for Cellular MR Imaging of Therapeutic Stem Cells in Stroke. Journal of Biomedical Nanotechnology, 2016, 12, 2112-2124.	1.1	28
87	Perfluorooctyl bromide traces self-assembled with polymeric nanovesicles for blood pool ultrasound imaging. Biomaterials Science, 2016, 4, 979-988.	5.4	8
88	Tumor-penetrating peptide modified and pH-sensitive polyplexes for tumor targeted siRNA delivery. Polymer Chemistry, 2016, 7, 3857-3863.	3.9	26
89	Regulated pH-Responsive Polymeric Micelles for Doxorubicin Delivery to the Nucleus of Liver Cancer Cells. Journal of Biomedical Nanotechnology, 2016, 12, 1258-1269.	1.1	18
90	Chitosan coated gold nanorod chelating gadolinium for MRI-visible photothermal therapy of cancer. RSC Advances, 2016, 6, 111337-111344.	3.6	19

#	Article	IF	Citations
91	Theranostical nanosystemâ€mediated identification of an oncogene and highly effective therapy in hepatocellular carcinoma. Hepatology, 2016, 63, 1240-1255.	7.3	42
92	A pH-sensitive prodrug micelle self-assembled from multi-doxorubicin-tailed polyethylene glycol for cancer therapy. RSC Advances, 2016, 6, 9160-9163.	3.6	31
93	Ultrasound-responsive microbubbles for sonography-guided siRNA delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1139-1149.	3.3	39
94	Co-delivery of doxorubicin and arsenite with reduction and pH dual-sensitive vesicle for synergistic cancer therapy. Nanoscale, 2016, 8, 12608-12617.	5.6	38
95	Photothermo-chemotherapy of cancer employing drug leakage-free gold nanoshells. Biomaterials, 2016, 78, 40-49.	11.4	75
96	Construction of negatively charged and environment-sensitive nanomedicine for tumor-targeted efficient siRNA delivery. Chemical Communications, 2016, 52, 1194-1197.	4.1	28
97	Molecular Targeted Magnetic Resonance Imaging of Human Colorectal Carcinoma (LoVo) Cells Using Novel Superparamagnetic Iron Oxide- Loaded Nanovesicles: In Vitro and in vivo Studies. Current Cancer Drug Targets, 2016, 16, 551-560.	1.6	2
98	Synthesis and Characterization of pHâ€Responsive Copolypeptides Vesicles for siRNA and Chemotherapeutic Drug Coâ€Delivery. Macromolecular Bioscience, 2015, 15, 1497-1506.	4.1	30
99	Effective siRNA therapy of hepatoma mediated by a nonviral vector with MRI-visibility and biodegradability. RSC Advances, 2015, 5, 21103-21111.	3.6	15
100	Drug and gene co-delivery systems for cancer treatment. Biomaterials Science, 2015, 3, 1035-1049.	5.4	89
101	Synthesis and characterization of cell-microenvironment-sensitive leakage-free gold-shell nanoparticles with the template of interlayer-crosslinked micelles. Chemical Communications, 2015, 51, 9682-9685.	4.1	13
102	Biodegradable Multiamine Polymeric Vector for siRNA Delivery. Journal of Biomedical Nanotechnology, 2015, 11, 668-679.	1.1	17
103	Nanovector for Gene Transfection and MR Imaging of Mesenchymal Stem Cells. Journal of Biomedical Nanotechnology, 2015, 11, 644-656.	1.1	11
104	Downregulation of ROCK2 through Nanocomplex Sensitizes the Cytotoxic Effect of Temozolomide in U251 Glioma Cells. PLoS ONE, 2014, 9, e92050.	2.5	10
105	pH-Sensitive Nanomicelles for Controlled and Efficient Drug Delivery to Human Colorectal Carcinoma LoVo Cells. PLoS ONE, 2014, 9, e100732.	2.5	43
106	PinX1-siRNA/mPEG-PEI-SPION combined with doxorubicin enhances the inhibition of glioma growth. Experimental and Therapeutic Medicine, 2014, 7, 1170-1176.	1.8	15
107	Magnetic Resonance Imaging-Visible and pH-Sensitive Polymeric Micelles for Tumor Targeted Drug Delivery. Journal of Biomedical Nanotechnology, 2014, 10, 216-226.	1.1	30
108	Combination of siRNA-directed Kras oncogene silencing and arsenic-induced apoptosis using a nanomedicine strategy for the effective treatment of pancreatic cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 463-472.	3.3	40

#	ARTICLE	IF	CITATIONS
109	Tumor-penetrating codelivery of siRNA and paclitaxel with ultrasound-responsive nanobubbles hetero-assembled from polymeric micelles and liposomes. Biomaterials, 2014, 35, 5932-5943.	11.4	156
110	A dual ligand targeted nanoprobe with high MRI sensitivity for diagnosis of breast cancer. Chinese Journal of Polymer Science (English Edition), 2014, 32, 321-332.	3.8	14
111	Coâ€Ðelivery of Doxorubicin and siRNA with Reduction and pH Dually Sensitive Nanocarrier for Synergistic Cancer Therapy. Small, 2014, 10, 2678-2687.	10.0	139
112	InÂvivo monitoring of neural stem cells after transplantation in acute cerebral infarction with dual-modal MR imaging and optical imaging. Biomaterials, 2014, 35, 4627-4635.	11.4	69
113	Copolymer of poly(ethylene glycol) and poly(<scp>l</scp>-lysine) grafting polyethylenimine through a reducible disulfide linkage for siRNA delivery. Nanoscale, 2014, 6, 1732-1740.	5.6	87
114	A Reduction and pH Dualâ€Sensitive Polymeric Vector for Longâ€Circulating and Tumorâ€Targeted siRNA Delivery. Advanced Materials, 2014, 26, 8217-8224.	21.0	198
115	Co-delivery of 5-fluorocytosine and cytosine deaminase into glioma cells mediated by an intracellular environment-responsive nanovesicle. Polymer Chemistry, 2014, 5, 4542-4552.	3.9	16
116	Polymeric vector-mediated gene transfection of MSCs for dual bioluminescent and MRI tracking inÂvivo. Biomaterials, 2014, 35, 8249-8260.	11.4	43
117	Highly uniform and stable cerasomal microcapsule with good biocompatibility for drug delivery. Colloids and Surfaces B: Biointerfaces, 2014, 116, 327-333.	5.0	11
118	A pH-sensitive micelle for codelivery of siRNA and doxorubicin to hepatoma cells. Polymer, 2014, 55, 3217-3226.	3.8	22
119	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. Journal of Gastroenterology, 2013, 48, 809-821.	5.1	52
120	Ultrasound-sensitive siRNA-loaded nanobubbles formed by hetero-assembly of polymeric micelles and liposomes and their therapeutic effect in gliomas. Biomaterials, 2013, 34, 4532-4543.	11.4	152
121	Micelles assembled with carbocyanine dyes for theranostic near-infrared fluorescent cancer imaging and photothermal therapy. Biomaterials, 2013, 34, 9124-9133.	11.4	145
122	Suppression of pancreatic tumor growth by targeted arsenic delivery with anti-CD44v6 single chain antibody conjugated nanoparticles. Biomaterials, 2013, 34, 6175-6184.	11.4	58
123	Sensitive detection of glucose in human serum with oligonucleotide modified gold nanoparticles by using dynamic light scattering technique. Biosensors and Bioelectronics, 2013, 41, 880-883.	10.1	23
124	An MRI-Visible Non-Viral Vector Bearing GD2 Single Chain Antibody for Targeted Gene Delivery to Human Bone Marrow Mesenchymal Stem Cells. PLoS ONE, 2013, 8, e76612.	2.5	14
125	Effect of PEG-PDLLA polymeric nanovesicles loaded with doxorubicin and hematoporphyrin monomethyl ether on human hepatocellular carcinoma HepG2 cells in vitro. International Journal of Nanomedicine, 2013, 8, 4613.	6.7	10
126	Age-Related Decline in Reendothelialization Capacity of Human Endothelial Progenitor Cells Is Restored by Shear Stress. Hypertension, 2012, 59, 1225-1231.	2.7	74

#	Article	IF	Citations
127	An MRI-visible non-viral vector for targeted Bcl-2 siRNA delivery to neuroblastoma. International Journal of Nanomedicine, 2012, 7, 3319.	6.7	46
128	Controllable labelling of stem cells with a novel superparamagnetic iron oxideâ€“loaded cationic nanovesicle for MR imaging. European Radiology, 2012, 22, 2328-2337.	4.5	22
129	Pigment epithelium-derived factor gene loaded in cRGDâ€“PEGâ€“PEI suppresses colorectal cancer growth by targeting endothelial cells. International Journal of Pharmaceutics, 2012, 438, 1-10.	5.2	22
130	Simultaneous Diagnosis and Gene Therapy of Immuno-Rejection in Rat Allogeneic Heart Transplantation Model Using a T-Cell-Targeted Theranostic Nanosystem. ACS Nano, 2012, 6, 10646-10657.	14.6	65
131	Delivery of cationic polymer-siRNA nanoparticles for gene therapies in neural regeneration. Biochemical and Biophysical Research Communications, 2012, 421, 690-695.	2.1	48
132	A highly sensitive sensor for Cu2+ with unmodified gold nanoparticles and DNAzyme by using the dynamic light scattering technique. Analyst, The, 2012, 137, 3064.	3.5	37
133	Nanobubbles for enhanced ultrasound imaging of tumors. International Journal of Nanomedicine, 2012, 7, 895.	6.7	158
134	Development of an MRI-visible nonviral vector for siRNA delivery targeting gastric cancer. International Journal of Nanomedicine, 2012, 7, 359.	6.7	29
135	Enhanced apoptosis of ovarian cancer cells via nanocarrier-mediated codelivery of siRNA and doxorubicin. International Journal of Nanomedicine, 2012, 7, 3823.	6.7	46
136	Molecular Nanoworm with PCL Core and PEO Shell as a Nonâ€spherical Carrier for Drug Delivery. Macromolecular Rapid Communications, 2012, 33, 1351-1355.	3.9	83
137	Detection of Pb2+ at attomole levels by using dynamic light scattering and unmodified gold nanoparticles. Analytical Biochemistry, 2012, 421, 582-586.	2.4	27
138	Multifunctional nanocarrier mediated co-delivery of doxorubicin and siRNA for synergistic enhancement of glioma apoptosis in rat. Biomaterials, 2012, 33, 1170-1179.	11.4	164
139	Synthesis and characterization of polycation block copolymer Poly(l-lysine)-b-poly[N-(Nâ€²,Nâ€²-diisopropyl-aminoethyl)aspartamide] as potential pH responsive gene delivery system. Polymer, 2012, 53, 342-349.	3.8	13
140	Design of Multifunctional Micelle for Tumorâ€Targeted Intracellular Drug Release and Fluorescent Imaging. Advanced Materials, 2012, 24, 115-120.	21.0	239
141	Nonclustered magnetite nanoparticle encapsulated biodegradable polymeric micelles with enhanced properties for in vivo tumor imaging. Journal of Materials Chemistry, 2011, 21, 4796.	6.7	62
142	Ultrasensitive detection of lead(ii) with DNAzyme and gold nanoparticles probes by using a dynamic light scattering technique. Chemical Communications, 2011, 47, 4192.	4.1	92
143	A pH-sensitive polymeric nanovesicle based on biodegradable poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (gl Materials Chemistry, 2011, 21, 15316.	6.7	49
144	Interlayerâ€Crosslinked Micelle with Partially Hydrated Core Showing Reduction and pH Dual Sensitivity for Pinpointed Intracellular Drug Release. Angewandte Chemie - International Edition, 2011, 50, 9404-9408.	13.8	368

#	Article	IF	Citations
145	Dynamicâ€Lightâ€Scatteringâ€Based Sequenceâ€Specific Recognition of Doubleâ€Stranded DNA with Oligonucleotideâ€Functionalized Gold Nanoparticles. Chemistry - A European Journal, 2011, 17, 11230-11236.	3.3	46
146	Low molecular weight alkyl-polycation wrapped magnetite nanoparticle clusters as MRI probes for stem cell labeling and in vivo imaging. Biomaterials, 2011, 32, 528-537.	11.4	126
147	Polyethylenimine-grafted copolymer of poly(l-lysine) and poly(ethylene glycol) for gene delivery. Biomaterials, 2011, 32, 1694-1705.	11.4	111
148	The synergistic effect of hierarchical assemblies of siRNA and chemotherapeutic drugs co-delivered into hepatic cancer cells. Biomaterials, 2011, 32, 2222-2232.	11.4	215
149	Hepatocyte-targeted psiRNA Delivery Mediated by Galactosylated Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	2.4	17
150	The investigation of polymer-siRNA nanoparticle for gene therapy of gastric cancer in vitro. International Journal of Nanomedicine, 2010, 5, 129.	6.7	85
151	Self-Assembly of SiO₂/Gd-DTPA-Polyethylenimine Nanocomposites as Magnetic Resonance Imaging Probes. Journal of Nanoscience and Nanotechnology, 2010, 10, 540-548.	0.9	24
152	Targeting EGFR-overexpressing tumor cells using Cetuximab-immunomicelles loaded with doxorubicin and superparamagnetic iron oxide. European Journal of Radiology, 2010, 80, 699-705.	2.6	80
153	Multifunctional polymeric vesicles for targeted drug delivery and imaging. Biofabrication, 2010, 2, 025004.	7.1	17
154	Amphiphilic Toothbrushlike Copolymers Based on Poly(ethylene glycol) and Poly(Îµ-caprolactone) as Drug Carriers with Enhanced Properties. Biomacromolecules, 2010, 11, 1331-1338.	5.4	136
155	IN VITRO EVALUATION OF INTERLEUKIN-10 GENE DELIVERY INTO DORSAL ROOT GANGLION CELLS MEDIATED BY PEI-<I>g</I>-MPEG. Acta Polymerica Sinica, 2010, 010, 79-86.	0.0	3
156	The use of folate-PEG-grafted-hybranched-PEI nonviral vector for the inhibition of glioma growth in the rat. Biomaterials, 2009, 30, 4014-4020.	11.4	113
157	Prostate cancer targeted MRI nanoprobe based on superparamagnetic iron oxide and copolymer of poly(ethylene glycol) and polyethyleneimin. Science Bulletin, 2009, 54, 3137-3146.	1.7	13
158	MRI-visible polymeric vector bearing CD3 single chain antibody for gene delivery to T cells for immunosuppression. Biomaterials, 2009, 30, 1962-1970.	11.4	103
159	Manganese ferrite nanoparticle micellar nanocomposites as MRI contrast agent for liver imaging. Biomaterials, 2009, 30, 2919-2928.	11.4	325
160	SYNTHESIS AND CHARACTERIZATION OF POLYETHYLENIMINE-<I>g</I>-POLY(<I>Îµ</I>-CAPROLACTONE)COPOLYMER FOR GENE DELIVERY AND MAGNETIC RESONANCE IMAGING. Acta Polymerica Sinica, 2009, 009, 104-110.	0.0	1
161	Folate-functionalized polymeric micelle as hepatic carcinoma-targeted, MRI-ultrasensitive delivery system of antitumor drugs. Biomedical Microdevices, 2008, 10, 693-700.	2.8	95
162	Supramolecular micellization and pHâ€inducible gelation of a hydrophilic block copolymer by blockâ€specific threading of Î±â€cyclodextrin. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 782-790.	2.1	25

#	ARTICLE	IF	CITATIONS
163	Interactions between an Anticancer Drug and Polymeric Micelles Based on Biodegradable Polyesters. Macromolecular Bioscience, 2008, 8, 1116-1125.	4.1	56
164	Folateâ€functionalized polymeric micelles for tumor targeted delivery of a potent multidrugâ€resistance modulator FG020326. Journal of Biomedical Materials Research - Part A, 2008, 86A, 48-60.	4.0	72
165	Folate-encoded and Fe3O4-loaded polymeric micelles for dual targeting of cancer cells. Polymer, 2008, 49, 3477-3485.	3.8	128
166	Synthesis and characterization of folate-PEG-grafted-hyperbranched-PEI for tumor-targeted gene delivery. Biochemical and Biophysical Research Communications, 2008, 367, 874-880.	2.1	128
167	Chitosan-graft-poly(Îµ-caprolactone)s: An optimized chemical approach leading to a controllable structure and enhanced properties. Journal of Polymer Science Part A, 2007, 45, 2556-2568.	2.3	34
168	FG020326-loaded nanoparticle with PEG and PDLLA improved pharmacodynamics of reversing multidrug resistance in vitro and in vivo. Acta Pharmacologica Sinica, 2007, 28, 913-920.	6.1	14
169	Poly(D,L-lactide-co-glycolide)/poly(ethylenimine) blend matrix system for pH sensitive drug delivery. Journal of Applied Polymer Science, 2006, 100, 89-96.	2.6	17
170	Efficient suppression of secretory clusterin levels by polymer-siRNA nanocomplexes enhances ionizing radiation lethality in human MCF-7 breast cancer cells in vitro. International Journal of Nanomedicine, 2006, 1, 155-162.	6.7	44
171	Interactions between self-assembled polyelectrolyte shells and tumor cells. Journal of Biomedical Materials Research - Part A, 2005, 73A, 303-312.	4.0	70
172	Magnetite-Loaded Polymeric Micelles as Ultrasensitive Magnetic-Resonance Probes. Advanced Materials, 2005, 17, 1949-1952.	21.0	443
173	Synthesis, characterization and cytotoxicity of poly(ethylene glycol)-graft-trimethyl chitosan block copolymers. Biomaterials, 2005, 26, 6343-6356.	11.4	260
174	Morphology and dynamics of the poly(Îµ-caprolactone)-b-poly(L-lactide) diblock copolymer and its inclusion compound with Î±-cyclodextrin: A solid-state13C NMR study. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2086-2096.	2.1	29
175	Nanostructuring polymers with cyclodextrins. Polymers for Advanced Technologies, 2005, 16, 269-275.	3.2	19
176	Supramolecular Gene Delivery Vectors Showing Enhanced Transgene Expression and Good Biocompatibility. Bioconjugate Chemistry, 2005, 16, 322-329.	3.6	101
177	Micellar carriers based on block copolymers of poly(Îµ-caprolactone) and poly(ethylene glycol) for doxorubicin delivery. Journal of Controlled Release, 2004, 98, 415-426.	9.9	676
178	Controlling the Behaviors of Biodegradable/Bioabsorbable Polymers with Cyclodextrins. Journal of Polymers and the Environment, 2004, 12, 157-163.	5.0	20
179	Molecular mixing of incompatible polymers through formation of and coalescence from their common crystalline cyclodextrin inclusion compounds. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 4207-4224.	2.1	27
180	cRGD-Functionalized Polymer Micelles for Targeted Doxorubicin Delivery. Angewandte Chemie - International Edition, 2004, 43, 6323-6327.	13.8	384

#	ARTICLE	IF	CITATIONS
181	The depolymerization of chitosan: effects on physicochemical and biological properties. International Journal of Pharmaceutics, 2004, 281, 45-54.	5.2	328
182	Synthesis of novel dendrimer-like star block copolymers with definite numbers of arms by combination of ROP and ATRPElectronic supplementary information (ESI) available: Complete experimental procedures; NMR spectra of CMG3-OH and CMG3-PLLA. See http://www.rsc.org/suppdata/cc/b4/b404143g/. Chemical Communications, 2004, , 1608.	4.1	37
183	Synthesis of Star Block Copolymers from Dendrimer Initiators by Combining Ring-Opening Polymerization and Atom Transfer Radical Polymerization. Macromolecules, 2004, 37, 8854-8862.	4.8	93
184	Core-Cross-Linked Polymeric Micelles as Paclitaxel Carriers. Bioconjugate Chemistry, 2004, 15, 441-448.	3.6	311
185	Intimate blend of poly(ethylene terephthalate) and poly(ethylene 2,6-naphthalate) via formation with and coalescence from their common inclusion compound with ?-cyclodextrin. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 139-148.	2.1	31
186	Synthesis and Characterization of Star-Shaped Poly(l-lactide)s Initiated with Hydroxyl-Terminated Poly(Amidoamine) (PAMAM-OH) Dendrimers. Chemistry of Materials, 2003, 15, 2836-2843.	6.7	102
187	Melting and Crystallization Behaviors of Biodegradable Polymers Enzymatically Coalesced from Their Cyclodextrin Inclusion Complexes. Biomacromolecules, 2003, 4, 783-792.	5.4	57
188	Novel Biodegradable Ternary Copolymershy-PEI-g-PCL-b-PEG:Â Synthesis, Characterization, and Potential as Efficient Nonviral Gene Delivery Vectors. Macromolecules, 2003, 36, 5751-5759.	4.8	172
189	Formation of and Coalescence from the Inclusion Complex of a Biodegradable Block Copolymer and Î±-Cyclodextrin. 2:â€A Novel Way To Regulate the Biodegradation Behavior of Biodegradable Block Copolymers. Biomacromolecules, 2002, 3, 201-207.	5.4	67
190	Stereoselectivity in the Formation of Crystalline Inclusion Complexes of Poly(3-hydroxybutyrate)s with Cyclodextrins. Macromolecules, 2002, 35, 3778-3780.	4.8	69
191	Formation of Inclusion Complexes of Poly(3-hydroxybutyrate)s with Cyclodextrins. 1. Immobilization of Atactic Poly(R,S-3-hydroxybutyrate) and Miscibility Enhancement between Poly(R,S-3-hydroxybutyrate) and Poly(Îµ-caprolactone). Macromolecules, 2002, 35, 3126-3132.	4.8	64
192	Inclusion Complex Formation between Î±,Î³-Cyclodextrins and a Triblock Copolymer and the Cyclodextrin-Type-Dependent Microphase Structures of Their Coalesced Samples. Macromolecules, 2002, 35, 2401-2405.	4.8	68
193	Compatibilization Effect of Poly(Îµ-caprolactone)-b-poly(ethylene glycol) Block Copolymers and Phase Morphology Analysis in Immiscible Poly(lactide)/Poly(Îµ-caprolactone) Blends. Biomacromolecules, 2002, 3, 1179-1186.	5.4	206
194	Synthesis and thermal properties of novel star-shaped poly(l-lactide)s with starburst PAMAMâ€“OH dendrimer macroinitiator. Polymer, 2002, 43, 5819-5825.	3.8	143
195	Formation of and Coalescence from the Inclusion Complex of a Biodegradable Block Copolymer and Î±-Cyclodextrin:â€‰ A Novel Means To Modify the Phase Structure of Biodegradable Block Copolymers. Macromolecules, 2001, 34, 7355-7361.	4.8	103
196	Enzymatic Degradation of Atactic Poly(R,S-3-hydroxybutyrate) Induced by Amorphous Polymers and the Enzymatic Degradation Temperature Window of an Amorphous Polymer System. Biomacromolecules, 2001, 2, 1045-1051.	5.4	38
197	Reversible Thickening/Thinning Phenomena Observed for Polymer Blend Films in Water Media. Macromolecules, 2001, 34, 8166-8172.	4.8	11
198	Enzymatic biodegradation of synthetic atactic poly(R , S -3-hydroxybutyrate) enhanced by an amorphous nonbiodegradable polymer. Polymer Degradation and Stability, 2001, 73, 193-199.	5.8	16

#	Article	IF	Citations
199	Miscibility of block copolymers of poly(?-caprolactone) and poly(ethylene glycol) with poly(3-hydroxybutyrate) as well as the compatibilizing effect of these copolymers in blends of poly(?-caprolactone) and poly(3-hydroxybutyrate). Journal of Applied Polymer Science, 2001, 80, 2600-2608.	2.6	24
200	Synthesis and characterization of maleinized-silylated low molecular weight guayule rubber (MASiGR). Journal of Applied Polymer Science, 2001, 81, 754-761.	2.6	1
201	Miscibility and phase structure of binary blends of poly(L-lactide) and poly(vinyl alcohol). Journal of Applied Polymer Science, 2001, 81, 762-772.	2.6	76
202	Enzymatic biodegradation of chemosynthetic atactic P(3HB) enhanced by an amorphous non-biodegradable polymer: blend of atactic P(3HB) with PMMA. Macromolecular Rapid Communications, 2000, 21, 1277-1281.	3.9	17
203	Enzymatic synthesis of polyesters from hydroxyl acids. European Polymer Journal, 1999, 35, 721-725.	5.4	29
204	Nonlinear biodegradable polyanhydrides synthesized from natural fatty acids through a new way. Polymer Bulletin, 1997, 39, 21-28.	3.3	3
205	Synthesis and properties of biodegradable copolymers based on polyether oligomers and fatty diacids. Journal of Applied Polymer Science, 1997, 66, 1891-1898.	2.6	7