

# Xintao Shuai

## List of Publications by Citations

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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	Micellar carriers based on block copolymers of poly(epsilon-caprolactone) and poly(ethylene glycol) for doxorubicin delivery. <i>Journal of Controlled Release</i> , <b>2004</b> , 98, 415-26	11.7	637
200	Magnetite-Loaded Polymeric Micelles as Ultrasensitive Magnetic-Resonance Probes. <i>Advanced Materials</i> , <b>2005</b> , 17, 1949-1952	24	426
199	cRGD-functionalized polymer micelles for targeted doxorubicin delivery. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6323-7	16.4	361
198	Interlayer-crosslinked micelle with partially hydrated core showing reduction and pH dual sensitivity for pinpointed intracellular drug release. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9404-8	16.4	335
197	Manganese ferrite nanoparticle micellar nanocomposites as MRI contrast agent for liver imaging. <i>Biomaterials</i> , <b>2009</b> , 30, 2919-28	15.6	298
196	The depolymerization of chitosan: effects on physicochemical and biological properties. <i>International Journal of Pharmaceutics</i> , <b>2004</b> , 281, 45-54	6.5	296
195	Core-cross-linked polymeric micelles as paclitaxel carriers. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 441-8	6.3	288
194	Synthesis, characterization and cytotoxicity of poly(ethylene glycol)-graft-trimethyl chitosan block copolymers. <i>Biomaterials</i> , <b>2005</b> , 26, 6343-56	15.6	247
193	Design of multifunctional micelle for tumor-targeted intracellular drug release and fluorescent imaging. <i>Advanced Materials</i> , <b>2012</b> , 24, 115-20	24	226
192	The synergistic effect of hierarchical assemblies of siRNA and chemotherapeutic drugs co-delivered into hepatic cancer cells. <i>Biomaterials</i> , <b>2011</b> , 32, 2222-32	15.6	192
191	Compatibilization effect of poly(epsilon-caprolactone)-b-poly(ethylene glycol) block copolymers and phase morphology analysis in immiscible poly(lactide)/poly(epsilon-caprolactone) blends. <i>Biomacromolecules</i> , <b>2002</b> , 3, 1179-86	6.9	188
190	A reduction and pH dual-sensitive polymeric vector for long-circulating and tumor-targeted siRNA delivery. <i>Advanced Materials</i> , <b>2014</b> , 26, 8217-24	24	184
189	Novel Biodegradable Ternary Copolymers hy-PEI-g-PCL-b-PEG: Synthesis, Characterization, and Potential as Efficient Nonviral Gene Delivery Vectors. <i>Macromolecules</i> , <b>2003</b> , 36, 5751-5759	5.5	167
188	Multifunctional nanocarrier mediated co-delivery of doxorubicin and siRNA for synergistic enhancement of glioma apoptosis in rat. <i>Biomaterials</i> , <b>2012</b> , 33, 1170-9	15.6	148
187	Synthesis and thermal properties of novel star-shaped poly(l-lactide)s with starburst PAMAMDH dendrimer macroinitiator. <i>Polymer</i> , <b>2002</b> , 43, 5819-5825	3.9	136
186	Micelles assembled with carbocyanine dyes for theranostic near-infrared fluorescent cancer imaging and photothermal therapy. <i>Biomaterials</i> , <b>2013</b> , 34, 9124-33	15.6	133
185	Nanobubbles for enhanced ultrasound imaging of tumors. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 895-904	7.3	131

184	Ultrasound-sensitive siRNA-loaded nanobubbles formed by hetero-assembly of polymeric micelles and liposomes and their therapeutic effect in gliomas. <i>Biomaterials</i> , <b>2013</b> , 34, 4532-43	15.6	129
183	Amphiphilic toothbrushlike copolymers based on poly(ethylene glycol) and poly(epsilon-caprolactone) as drug carriers with enhanced properties. <i>Biomacromolecules</i> , <b>2010</b> , 11, 1331-8	6.8	129
182	Co-delivery of doxorubicin and siRNA with reduction and pH dually sensitive nanocarrier for synergistic cancer therapy. <i>Small</i> , <b>2014</b> , 10, 2678-87	11	124
181	Tumor-penetrating codelivery of siRNA and paclitaxel with ultrasound-responsive nanobubbles hetero-assembled from polymeric micelles and liposomes. <i>Biomaterials</i> , <b>2014</b> , 35, 5932-43	15.6	121
180	Synthesis and characterization of folate-PEG-grafted-hyperbranched-PEI for tumor-targeted gene delivery. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 367, 874-80	3.4	121
179	Folate-encoded and Fe3O4-loaded polymeric micelles for dual targeting of cancer cells. <i>Polymer</i> , <b>2008</b> , 49, 3477-3485	3.9	118
178	Low molecular weight alkyl-polycation wrapped magnetite nanoparticle clusters as MRI probes for stem cell labeling and in vivo imaging. <i>Biomaterials</i> , <b>2011</b> , 32, 528-37	15.6	111
177	The use of folate-PEG-grafted-hybranched-PEI nonviral vector for the inhibition of glioma growth in the rat. <i>Biomaterials</i> , <b>2009</b> , 30, 4014-20	15.6	107
176	Polyethylenimine-grafted copolymer of poly(L-lysine) and poly(ethylene glycol) for gene delivery. <i>Biomaterials</i> , <b>2011</b> , 32, 1694-705	15.6	101
175	Supramolecular gene delivery vectors showing enhanced transgene expression and good biocompatibility. <i>Bioconjugate Chemistry</i> , <b>2005</b> , 16, 322-9	6.3	100
174	Synthesis and Characterization of Star-Shaped Poly(L-lactide)s Initiated with Hydroxyl-Terminated Poly(Amidoamine) (PAMAM-OH) Dendrimers. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 2836-2843	9.6	98
173	Mesoporous Polydopamine Carrying Manganese Carbonyl Responds to Tumor Microenvironment for Multimodal Imaging-Guided Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1900095	15.6	96
172	Formation of and Coalescence from the Inclusion Complex of a Biodegradable Block Copolymer and Cyclodextrin: A Novel Means To Modify the Phase Structure of Biodegradable Block Copolymers. <i>Macromolecules</i> , <b>2001</b> , 34, 7355-7361	5.5	96
171	MRI-visible polymeric vector bearing CD3 single chain antibody for gene delivery to T cells for immunosuppression. <i>Biomaterials</i> , <b>2009</b> , 30, 1962-70	15.6	95
170	Folate-functionalized polymeric micelle as hepatic carcinoma-targeted, MRI-ultrasensitive delivery system of antitumor drugs. <i>Biomedical Microdevices</i> , <b>2008</b> , 10, 693-700	3.7	92
169	Synthesis of Star Block Copolymers from Dendrimer Initiators by Combining Ring-Opening Polymerization and Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2004</b> , 37, 8854-8862	5.5	91
168	Ultrasensitive detection of lead(II) with DNAzyme and gold nanoparticles probes by using a dynamic light scattering technique. <i>Chemical Communications</i> , <b>2011</b> , 47, 4192-4	5.8	89
167	Copolymer of poly(ethylene glycol) and poly(L-lysine) grafting polyethylenimine through a reducible disulfide linkage for siRNA delivery. <i>Nanoscale</i> , <b>2014</b> , 6, 1732-40	7.7	79

166	cRGD-Functionalized Polymer Micelles for Targeted Doxorubicin Delivery. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 6483-6487	3.6	77
165	Drug and gene co-delivery systems for cancer treatment. <i>Biomaterials Science</i> , <b>2015</b> , 3, 1035-49	7.4	74
164	Miscibility and phase structure of binary blends of poly(L-lactide) and poly(vinyl alcohol). <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 81, 762-772	2.9	72
163	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. <i>Acta Biomaterialia</i> , <b>2018</b> , 71, 293-305	10.8	70
162	Molecular nanoworm with PCL core and PEO shell as a non-spherical carrier for drug delivery. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 1351-5	4.8	70
161	The investigation of polymer-siRNA nanoparticle for gene therapy of gastric cancer in vitro. <i>International Journal of Nanomedicine</i> , <b>2010</b> , 5, 129-36	7.3	70
160	Diketopyrrolopyrrole-based carbon dots for photodynamic therapy. <i>Nanoscale</i> , <b>2018</b> , 10, 10991-10998	7.7	69
159	Photothermo-chemotherapy of cancer employing drug leakage-free gold nanoshells. <i>Biomaterials</i> , <b>2016</b> , 78, 40-9	15.6	68
158	Targeting EGFR-overexpressing tumor cells using Cetuximab-immunomicelles loaded with doxorubicin and superparamagnetic iron oxide. <i>European Journal of Radiology</i> , <b>2011</b> , 80, 699-705	4.7	67
157	Stereoselectivity in the Formation of Crystalline Inclusion Complexes of Poly(3-hydroxybutyrate)s with Cyclodextrins. <i>Macromolecules</i> , <b>2002</b> , 35, 3778-3780	5.5	66
156	Inclusion Complex Formation between $\beta$ -Cyclodextrins and a Triblock Copolymer and the Cyclodextrin-Type-Dependent Microphase Structures of Their Coalesced Samples. <i>Macromolecules</i> , <b>2002</b> , 35, 2401-2405	5.5	66
155	Folate-functionalized polymeric micelles for tumor targeted delivery of a potent multidrug-resistance modulator FG020326. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 86, 48-60	5.4	65
154	Age-related decline in reendothelialization capacity of human endothelial progenitor cells is restored by shear stress. <i>Hypertension</i> , <b>2012</b> , 59, 1225-31	8.5	64
153	Interactions between self-assembled polyelectrolyte shells and tumor cells. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2005</b> , 73, 303-12	5.4	64
152	Formation of and coalescence from the inclusion complex of a biodegradable block copolymer and alpha-cyclodextrin. 2: A novel way to regulate the biodegradation behavior of biodegradable block copolymers. <i>Biomacromolecules</i> , <b>2002</b> , 3, 201-7	6.9	64
151	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( $\epsilon$ -caprolactone). <i>Macromolecules</i> , <b>2002</b> , 35, 3126-3132	5.5	61
150	In vivo monitoring of neural stem cells after transplantation in acute cerebral infarction with dual-modal MR imaging and optical imaging. <i>Biomaterials</i> , <b>2014</b> , 35, 4627-35	15.6	60
149	Nonclustered magnetite nanoparticle encapsulated biodegradable polymeric micelles with enhanced properties for in vivo tumor imaging. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 4796		60

148	Perfluorohexane-cored nanodroplets for stimulations-responsive ultrasonography and O-potentiated photodynamic therapy. <i>Biomaterials</i> , <b>2018</b> , 175, 61-71	15.6	60
147	Melting and crystallization behaviors of biodegradable polymers enzymatically coalesced from their cyclodextrin inclusion complexes. <i>Biomacromolecules</i> , <b>2003</b> , 4, 783-92	6.9	55
146	Size-Modulable Nanoprobe for High-Performance Ultrasound Imaging and Drug Delivery against Cancer. <i>ACS Nano</i> , <b>2018</b> , 12, 3449-3460	16.7	54
145	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> , <b>2018</b> , 14, 2215-2226	6	54
144	Multifunctional Nanoregulator Reshapes Immune Microenvironment and Enhances Immune Memory for Tumor Immunotherapy. <i>Advanced Science</i> , <b>2019</b> , 6, 1900037	13.6	53
143	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> , <b>2012</b> , 6, 10646-57	16.7	53
142	Interactions between an anticancer drug and polymeric micelles based on biodegradable polyesters. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 1116-25	5.5	53
141	Suppression of pancreatic tumor growth by targeted arsenic delivery with anti-CD44v6 single chain antibody conjugated nanoparticles. <i>Biomaterials</i> , <b>2013</b> , 34, 6175-84	15.6	51
140	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> , <b>2018</b> , 19, 2248-2256	6.9	49
139	Mesoporous polydopamine carrying sorafenib and SPIO nanoparticles for MRI-guided ferroptosis cancer therapy. <i>Journal of Controlled Release</i> , <b>2020</b> , 320, 392-403	11.7	48
138	Dual pH-sensitive nanodrug blocks PD-1 immune checkpoint and uses T cells to deliver NF- $\kappa$ B inhibitor for antitumor immunotherapy. <i>Science Advances</i> , <b>2020</b> , 6, eaay7785	14.3	47
137	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> , <b>2011</b> , 21, 15316		47
136	M2-Like Tumor-Associated Macrophage-Targeted Codelivery of STAT6 Inhibitor and IKK $\alpha$ siRNA Induces M2-to-M1 Repolarization for Cancer Immunotherapy with Low Immune Side Effects. <i>ACS Central Science</i> , <b>2020</b> , 6, 1208-1222	16.8	46
135	Dynamic-light-scattering-based sequence-specific recognition of double-stranded DNA with oligonucleotide-functionalized gold nanoparticles. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 11230-6	4.8	46
134	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> , <b>2013</b> , 48, 809-21	6.9	45
133	Delivery of cationic polymer-siRNA nanoparticles for gene therapies in neural regeneration. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 421, 690-5	3.4	45
132	Stimuli-Responsive Polymeric Nanocarriers for Efficient Gene Delivery. <i>Topics in Current Chemistry</i> , <b>2017</b> , 375, 27	7.2	44
131	Codelivery of Anti-PD-1 Antibody and Paclitaxel with Matrix Metalloproteinase and pH Dual-Sensitive Micelles for Enhanced Tumor Chemoimmunotherapy. <i>Small</i> , <b>2020</b> , 16, e1906832	11	43

130	An MRI-visible non-viral vector for targeted Bcl-2 siRNA delivery to neuroblastoma. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 3319-32	7.3	42
129	Nanodrug with dual-sensitivity to tumor microenvironment for immuno-sonodynamic anti-cancer therapy. <i>Biomaterials</i> , <b>2021</b> , 269, 120636	15.6	41
128	Enhanced apoptosis of ovarian cancer cells via nanocarrier-mediated codelivery of siRNA and doxorubicin. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 3823-35	7.3	40
127	Efficient suppression of secretory clusterin levels by polymer-siRNA nanocomplexes enhances ionizing radiation lethality in human MCF-7 breast cancer cells in vitro. <i>International Journal of Nanomedicine</i> , <b>2006</b> , 1, 155-62	7.3	40
126	Nanotubular topography enhances the bioactivity of titanium implants. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1913-1923	6	39
125	Core-Shell Distinct Nanodrug Showing On-Demand Sequential Drug Release To Act on Multiple Cell Types for Synergistic Anticancer Therapy. <i>ACS Nano</i> , <b>2019</b> , 13, 7036-7049	16.7	38
124	Theranostical nanosystem-mediated identification of an oncogene and highly effective therapy in hepatocellular carcinoma. <i>Hepatology</i> , <b>2016</b> , 63, 1240-55	11.2	37
123	Polymeric vector-mediated gene transfection of MSCs for dual bioluminescent and MRI tracking in vivo. <i>Biomaterials</i> , <b>2014</b> , 35, 8249-60	15.6	37
122	Synthesis of novel dendrimer-like star block copolymers with definite numbers of arms by combination of ROP and ATRP. <i>Chemical Communications</i> , <b>2004</b> , 1608-9	5.8	36
121	Enzymatic degradation of atactic poly(R,S-3-hydroxybutyrate) induced by amorphous polymers and the enzymatic degradation temperature window of an amorphous polymer system. <i>Biomacromolecules</i> , <b>2001</b> , 2, 1045-51	6.9	36
120	Co-delivery of doxorubicin and arsenite with reduction and pH dual-sensitive vesicle for synergistic cancer therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 12608-17	7.7	35
119	Inflammation-Targeted Celastrol Nanodrug Attenuates Collagen-Induced Arthritis through NF- $\kappa$ B and Notch1 Pathways. <i>Nano Letters</i> , <b>2020</b> , 20, 7728-7736	11.5	35
118	Synergistic MicroRNA Therapy in Liver Fibrotic Rat Using MRI-Visible Nanocarrier Targeting Hepatic Stellate Cells. <i>Advanced Science</i> , <b>2019</b> , 6, 1801809	13.6	34
117	Codelivery of sorafenib and GPC3 siRNA with PEI-modified liposomes for hepatoma therapy. <i>Biomaterials Science</i> , <b>2017</b> , 5, 2468-2479	7.4	34
116	A highly sensitive sensor for Cu <sup>2+</sup> with unmodified gold nanoparticles and DNAzyme by using the dynamic light scattering technique. <i>Analyst, The</i> , <b>2012</b> , 137, 3064-9	5	34
115	Redox Responsive Metal Organic Framework Nanoparticles Induces Ferroptosis for Cancer Therapy. <i>Small</i> , <b>2020</b> , 16, e2001251	11	34
114	Chitosan-graft-poly( $\epsilon$ -caprolactone)s: An optimized chemical approach leading to a controllable structure and enhanced properties. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 2556-2568	2.5	33
113	Ultrasound-responsive microbubbles for sonography-guided siRNA delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 1139-1149	6	32

112	pH-sensitive nanomicelles for controlled and efficient drug delivery to human colorectal carcinoma LoVo cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e100732	3.7	32
111	Nanodrug with ROS and pH Dual-Sensitivity Ameliorates Liver Fibrosis via Multicellular Regulation. <i>Advanced Science</i> , <b>2020</b> , 7, 1903138	13.6	31
110	pH-Sensitive Nanocarrier-Mediated Codelivery of Simvastatin and Noggin siRNA for Synergistic Enhancement of Osteogenesis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 28471-28482	9.5	31
109	Nanomedicines reveal how PBOV1 promotes hepatocellular carcinoma for effective gene therapy. <i>Nature Communications</i> , <b>2018</b> , 9, 3430	17.4	30
108	Magnetic resonance imaging-visible and pH-sensitive polymeric micelles for tumor targeted drug delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 216-26	4	30
107	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> , <b>2014</b> , 10, 463-72	6	30
106	Codelivery of temozolomide and siRNA with polymeric nanocarrier for effective glioma treatment. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 3467-3480	7.3	29
105	Synthesis and Characterization of pH-Responsive Copolypeptides Vesicles for siRNA and Chemotherapeutic Drug Co-Delivery. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 1497-506	5.5	29
104	Intimate blend of poly(ethylene terephthalate) and poly(ethylene 2,6-naphthalate) via formation with and coalescence from their common inclusion compound with $\beta$ -cyclodextrin. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 139-148	2.6	29
103	Morphology and dynamics of the poly( $\epsilon$ -caprolactone)-b-poly(L-lactide) diblock copolymer and its inclusion compound with $\beta$ -cyclodextrin: A solid-state $^{13}\text{C}$ NMR study. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2005</b> , 43, 2086-2096	2.6	28
102	A pH-sensitive prodrug micelle self-assembled from multi-doxorubicin-tailed polyethylene glycol for cancer therapy. <i>RSC Advances</i> , <b>2016</b> , 6, 9160-9163	3.7	27
101	Development of an MRI-visible nonviral vector for siRNA delivery targeting gastric cancer. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 359-68	7.3	27
100	Superparamagnetic Iron Oxide-Loaded Cationic Polymersomes for Cellular MR Imaging of Therapeutic Stem Cells in Stroke. <i>Journal of Biomedical Nanotechnology</i> , <b>2016</b> , 12, 2112-24	4	27
99	Detection of $\text{Pb}^{2+}$ at attomole levels by using dynamic light scattering and unmodified gold nanoparticles. <i>Analytical Biochemistry</i> , <b>2012</b> , 421, 582-6	3.1	26
98	Enzymatic synthesis of polyesters from hydroxyl acids. <i>European Polymer Journal</i> , <b>1999</b> , 35, 721-725	5.2	26
97	A novel polymeric micelle used for in vivo MR imaging tracking of neural stem cells in acute ischemic stroke. <i>RSC Advances</i> , <b>2017</b> , 7, 15041-15052	3.7	25
96	Supramolecular micellization and pH-inducible gelation of a hydrophilic block copolymer by block-specific threading of $\beta$ -cyclodextrin. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2008</b> , 46, 782-790	2.6	25
95	Molecular mixing of incompatible polymers through formation of and coalescence from their common crystalline cyclodextrin inclusion compounds. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 4207-4224	2.6	24

94	Theranostic Nanomedicine for Synergistic Chemodynamic Therapy and Chemotherapy of Orthotopic Glioma. <i>Advanced Science</i> , <b>2020</b> , 7, 2003036	13.6	24
93	Tumor-penetrating peptide modified and pH-sensitive polyplexes for tumor targeted siRNA delivery. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3857-3863	4.9	24
92	MRI-Visible siRNA Nanomedicine Directing Neuronal Differentiation of Neural Stem Cells in Stroke. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706769	15.6	23
91	Construction of negatively charged and environment-sensitive nanomedicine for tumor-targeted efficient siRNA delivery. <i>Chemical Communications</i> , <b>2016</b> , 52, 1194-7	5.8	23
90	The long-term fate of mesenchymal stem cells labeled with magnetic resonance imaging-visible polymersomes in cerebral ischemia. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 6705-6719	7.3	23
89	Miscibility of block copolymers of poly( $\epsilon$ -caprolactone) and poly(ethylene glycol) with poly(3-hydroxybutyrate) as well as the compatibilizing effect of these copolymers in blends of poly( $\epsilon$ -caprolactone) and poly(3-hydroxybutyrate). <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 80, 2600-2608	2.9	23
88	Polydopamine-Encapsulated Perfluorocarbon for Ultrasound Contrast Imaging and Photothermal Therapy. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 817-826	5.6	23
87	Near-Infrared-Light-Induced Morphology Transition of Poly(ether amine) Nanoparticles for Supersensitive Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 7413-7421	9.5	21
86	Self-assembly of SiO <sub>2</sub> /Gd-DTPA-polyethylenimine nanocomposites as magnetic resonance imaging probes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 540-8	1.3	21
85	Gold nanocage decorated pH-sensitive micelle for highly effective photothermo-chemotherapy and photoacoustic imaging. <i>Acta Biomaterialia</i> , <b>2017</b> , 64, 223-236	10.8	20
84	A pH-sensitive micelle for codelivery of siRNA and doxorubicin to hepatoma cells. <i>Polymer</i> , <b>2014</b> , 55, 3217-3226	3.9	20
83	Controllable labelling of stem cells with a novel superparamagnetic iron oxide-loaded cationic nanovesicle for MR imaging. <i>European Radiology</i> , <b>2012</b> , 22, 2328-37	8	20
82	Sensitive detection of glucose in human serum with oligonucleotide modified gold nanoparticles by using dynamic light scattering technique. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 880-3	11.8	20
81	Controlling the Behaviors of Biodegradable/Bioabsorbable Polymers with Cyclodextrins. <i>Journal of Polymers and the Environment</i> , <b>2004</b> , 12, 157-163	4.5	20
80	Nanomedicine-Boosting Tumor Immunogenicity for Enhanced Immunotherapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2011171	15.6	20
79	Nanostructuring polymers with cyclodextrins. <i>Polymers for Advanced Technologies</i> , <b>2005</b> , 16, 269-275	3.2	19
78	Molecular Probe Crossing Blood-Brain Barrier for Bimodal Imaging-Guided Photothermal/Photodynamic Therapies of Intracranial Glioblastoma. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1909117	15.6	18
77	Chitosan coated gold nanorod chelating gadolinium for MRI-visible photothermal therapy of cancer. <i>RSC Advances</i> , <b>2016</b> , 6, 111337-111344	3.7	17



76	Poly(D, L-lactide-co-glycolide)/poly(ethylenimine) blend matrix system for pH sensitive drug delivery. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 100, 89-96	2.9	17
75	MRI-visible and pH-sensitive micelles loaded with doxorubicin for hepatoma treatment. <i>Biomaterials Science</i> , <b>2019</b> , 7, 1529-1542	7.4	16
74	Biodegradable Multiamine Polymeric Vector for siRNA Delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 668-79	4	16
73	Pigment epithelium-derived factor gene loaded in cRGD-PEG-PEI suppresses colorectal cancer growth by targeting endothelial cells. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 438, 1-10	6.5	16
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