Jun Wang

List of Publications by Citations

272 papers	21,009 citations	78 h-index	136 g-index
280 ext. papers	23,668 ext. citations	10.3 avg, IF	7.06 L-index

#	Paper	IF	Citations
272	Tailor-made dual pH-sensitive polymer-doxorubicin nanoparticles for efficient anticancer drug delivery. *Journal of the American Chemical Society*, **2011**, 133, 17560-3	16.4	959
271	Ultrathin Black Phosphorus Nanosheets for Efficient Singlet Oxygen Generation. *Journal of the American Chemical Society*, **2015**, 137, 11376-82	16.4	715
270	Doxorubicin-tethered responsive gold nanoparticles facilitate intracellular drug delivery for overcoming multidrug resistance in cancer cells. *ACS Nano*, **2011**, 5, 3679-92	16.7	636
269	In vitro and in vivo near-infrared photothermal therapy of cancer using polypyrrole organic nanoparticles. *Advanced Materials*, **2012**, 24, 5586-92	24	607
268	Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4164-9	11.5	512
267	Single-layered graphitic-C(3)N(4) quantum dots for two-photon fluorescence imaging of cellular nucleus. *Advanced Materials*, **2014**, 26, 4438-43	24	442
266	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. *Nature Nanotechnology*, **2019**, 14, 89-97	28.7	424
265	A tumor-acidity-activated charge-conversional nanogel as an intelligent vehicle for promoted tumoral-cell uptake and drug delivery. *Angewandte Chemie - International Edition*, **2010**, 49, 3621-6	16.4	401
264	Surface charge switchable nanoparticles based on zwitterionic polymer for enhanced drug delivery to tumor. *Advanced Materials*, **2012**, 24, 5476-80	24	392
263	Smart Superstructures with Ultrahigh pH-Sensitivity for Targeting Acidic Tumor Microenvironment: Instantaneous Size Switching and Improved Tumor Penetration. *ACS Nano*, **2016**, 10, 6753-61	16.7	377
262	Simultaneous delivery of siRNA and paclitaxel via a "two-in-one" micelleplex promotes synergistic tumor suppression. *ACS Nano*, **2011**, 5, 1483-94	16.7	359
261	Polyethylene glycol and polyethylenimine dual-functionalized nano-graphene oxide for photothermally enhanced gene delivery. *Small*, **2013**, 9, 1989-97	11	336
260	Activated pancreatic stellate cells sequester CD8+ T cells to reduce their infiltration of the juxtatumoral compartment of pancreatic ductal adenocarcinoma. *Gastroenterology*, **2013**, 145, 1121-32	13.3	310
259	Polyphosphoesters in drug and gene delivery. *Advanced Drug Delivery Reviews*, **2003**, 55, 483-99	18.5	264
258	Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. *Journal of the American Chemical Society*, **2015**, 137, 15217-24	16.4	256
257	Lipase-sensitive polymeric triple-layered nanogel for "on-demand" drug delivery. *Journal of the American Chemical Society*, **2012**, 134, 4355-62	16.4	253
256	Sheddable ternary nanoparticles for tumor acidity-targeted siRNA delivery. *ACS Nano*, **2012**, 6, 771-81	16.7	246

255	Gold nanoparticles capped with polyethyleneimine for enhanced siRNA delivery. *Small*, **2010**, 6, 239-46	11	243
254	A novel biodegradable gene carrier based on polyphosphoester. *Journal of the American Chemical Society*, **2001**, 123, 9480-1	16.4	242
253	Shell-detachable micelles based on disulfide-linked block copolymer as potential carrier for intracellular drug delivery. *Bioconjugate Chemistry*, **2009**, 20, 1095-9	6.3	232
252	Redox-responsive nanoparticles from the single disulfide bond-bridged block copolymer as drug carriers for overcoming multidrug resistance in cancer cells. *Bioconjugate Chemistry*, **2011**, 22, 1939-45	6.3	228
251	Self-assembled biodegradable micellar nanoparticles of amphiphilic and cationic block copolymer for siRNA delivery. *Biomaterials*, **2008**, 29, 4348-55	15.6	217
250	Bacteria-responsive multifunctional nanogel for targeted antibiotic delivery. *Advanced Materials*, **2012**, 24, 6175-80	24	203
249	Systemic delivery of siRNA with cationic lipid assisted PEG-PLA nanoparticles for cancer therapy. *Journal of Controlled Release*, **2011**, 156, 203-11	11.7	188
248	Delivery of antibiotics with polymeric particles. *Advanced Drug Delivery Reviews*, **2014**, 78, 63-76	18.5	182
247	Recent progress in polyphosphoesters: from controlled synthesis to biomedical applications. *Macromolecular Bioscience*, **2009**, 9, 1154-64	5.5	180
246	Combating the drug resistance of cisplatin using a platinum prodrug based delivery system. *Angewandte Chemie - International Edition*, **2012**, 51, 6742-7	16.4	174
245	Photocrosslinkable polysaccharides based on chondroitin sulfate. *Journal of Biomedical Materials Research Part B*, **2004**, 68, 28-33		163
244	Biodegradable and photocrosslinkable polyphosphoester hydrogel. *Biomaterials*, **2006**, 27, 1027-34	15.6	161
243	Surface charge critically affects tumor penetration and therapeutic efficacy of cancer nanomedicines. *Nano Today*, **2016**, 11, 133-144	17.9	151
242	Tumor extracellular acidity-activated nanoparticles as drug delivery systems for enhanced cancer therapy. *Biotechnology Advances*, **2014**, 32, 789-803	17.8	147
241	Delivery systems for siRNA drug development in cancer therapy. *Asian Journal of Pharmaceutical Sciences*, **2015**, 10, 1-12	9	143
240	Conjugation of haematopoietic stem cells and platelets decorated with anti-PD-1 antibodies augments anti-leukaemia efficacy. *Nature Biomedical Engineering*, **2018**, 2, 831-840	19	143
239	Biocompatible conjugated polymer nanoparticles for efficient photothermal tumor therapy. *Small*, **2015**, 11, 1603-10	11	142
238	Restoring anti-tumor functions of T cells via nanoparticle-mediated immune checkpoint modulation. *Journal of Controlled Release*, **2016**, 231, 17-28	11.7	141

237	Self-assembled micelles of biodegradable triblock copolymers based on poly(ethyl ethylene phosphate) and poly(-caprolactone) as drug carriers. *Biomacromolecules*, **2008**, 9, 388-95	6.9	141
236	Targeted delivery of PLK1-siRNA by ScFv suppresses Her2+ breast cancer growth and metastasis. *Science Translational Medicine*, **2012**, 4, 130ra48	17.5	139
235	Tumor-Acidity-Cleavable Maleic Acid Amide (TACMAA): A Powerful Tool for Designing Smart Nanoparticles To Overcome Delivery Barriers in Cancer Nanomedicine. *Accounts of Chemical Research*, **2018**, 51, 2848-2856	24.3	139
234	CLICs-dependent chloride efflux is an essential and proximal upstream event for NLRP3 inflammasome activation. *Nature Communications*, **2017**, 8, 202	17.4	138
233	Evaluation of polymeric micelles from brush polymer with poly(epsilon-caprolactone)-b-poly(ethylene glycol) side chains as drug carrier. *Biomacromolecules*, **2009**, 10, 2169-74	6.9	134
232	Cancer stem cell therapy using doxorubicin conjugated to gold nanoparticles via hydrazone bonds. *Biomaterials*, **2014**, 35, 836-45	15.6	133
231	The ligation of aspirin to cisplatin demonstrates significant synergistic effects on tumor cells. *Chemical Communications*, **2014**, 50, 7427-30	5.8	131
230	Treatment of metastatic breast cancer by combination of chemotherapy and photothermal ablation using doxorubicin-loaded DNA wrapped gold nanorods. *Biomaterials*, **2014**, 35, 8374-84	15.6	129
229	Functionalized micelles from block copolymer of polyphosphoester and poly(epsilon-caprolactone) for receptor-mediated drug delivery. *Journal of Controlled Release*, **2008**, 128, 32-40	11.7	127
228	Thermoresponsive block copolymers of poly(ethylene glycol) and polyphosphoester: thermo-induced self-assembly, biocompatibility, and hydrolytic degradation. *Biomacromolecules*, **2009**, 10, 66-73	6.9	122
227	Spatial Targeting of Tumor-Associated Macrophages and Tumor Cells with a pH-Sensitive Cluster Nanocarrier for Cancer Chemoimmunotherapy. *Nano Letters*, **2017**, 17, 3822-3829	11.5	120
226	Cytotoxicity and cellular uptake of iron nanowires. *Biomaterials*, **2010**, 31, 1509-17	15.6	120
225	Co-delivery of all-trans-retinoic acid and doxorubicin for cancer therapy with synergistic inhibition of cancer stem cells. *Biomaterials*, **2015**, 37, 405-14	15.6	119
224	Rational design of polyion complex nanoparticles to overcome cisplatin resistance in cancer therapy. *Advanced Materials*, **2014**, 26, 931-6	24	119
223	Pivotal role of reduced let-7g expression in breast cancer invasion and metastasis. *Cancer Research*, **2011**, 71, 6463-74	10.1	119
222	A Tumor-Acidity-Activated Charge-Conversional Nanogel as an Intelligent Vehicle for Promoted Tumoral-Cell Uptake and Drug Delivery. *Angewandte Chemie*, **2010**, 122, 3703-3708	3.6	118
221	Strategies to improve tumor penetration of nanomedicines through nanoparticle design. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2019**, 11, e1519	9.2	117
220	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. *Angewandte Chemie - International Edition*, **2016**, 55, 1010-4	16.4	115

219	Nanofiber-mediated controlled release of siRNA complexes for long term gene-silencing applications. *Biomaterials*, **2011**, 32, 5915-23	15.6	115
218	Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. *ACS Nano*, **2018**, 12, 994-1005	16.7	114
217	Single-step assembly of cationic lipid-polymer hybrid nanoparticles for systemic delivery of siRNA. *ACS Nano*, **2012**, 6, 4955-65	16.7	114
216	New polyphosphoramidate with a spermidine side chain as a gene carrier. *Journal of Controlled Release*, **2002**, 83, 157-68	11.7	109
215	Enhanced gene expression in mouse muscle by sustained release of plasmid DNA using PPE-EA as a carrier. *Gene Therapy*, **2002**, 9, 1254-61	4	109
214	Three-dimensional aligned nanofibers-hydrogel scaffold for controlled non-viral drug/gene delivery to direct axon regeneration in spinal cord injury treatment. *Scientific Reports*, **2017**, 7, 42212	4.9	107
213	Core-shell-corona micelle stabilized by reversible cross-linkage for intracellular drug delivery. *Macromolecular Rapid Communications*, **2010**, 31, 1201-6	4.8	105
212	Nanomedicine-mediated cancer stem cell therapy. *Biomaterials*, **2016**, 74, 1-18	15.6	100
211	Tumor Acidity/NIR Controlled Interaction of Transformable Nanoparticle with Biological Systems for Cancer Therapy. *Nano Letters*, **2017**, 17, 2871-2878	11.5	99
210	Engineering Ultrathin C3N4 Quantum Dots on Graphene as a Metal-Free Water Reduction Electrocatalyst. *ACS Catalysis*, **2018**, 8, 3965-3970	13.1	99
209	ROS-sensitive thioketal-linked polyphosphoester-doxorubicin conjugate for precise phototriggered locoregional chemotherapy. *Biomaterials*, **2019**, 188, 74-82	15.6	98
208	A biodegradable amphiphilic and cationic triblock copolymer for the delivery of siRNA targeting the acid ceramidase gene for cancer therapy. *Biomaterials*, **2011**, 32, 3124-33	15.6	97
207	Kinetics and Mechanism of 2-Ethoxy-2-oxo-1,3,2-dioxaphospholane Polymerization Initiated by Stannous Octoate. *Macromolecules*, **2006**, 39, 6825-6831	5.5	92
206	Tunable Thermosensitivity of Biodegradable Polymer Micelles of Poly(□caprolactone) and Polyphosphoester Block Copolymers. *Macromolecules*, **2009**, 42, 3026-3032	5.5	91
205	Targeted delivery of antisense inhibitor of miRNA for antiangiogenesis therapy using cRGD-functionalized nanoparticles. *Molecular Pharmaceutics*, **2011**, 8, 250-9	5.6	89
204	Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. *Biomaterials*, **2016**, 88, 48-59	15.6	87
203	Matrix metalloproteinase 2-responsive micelle for siRNA delivery. *Biomaterials*, **2014**, 35, 7622-34	15.6	87
202	Nanoenabled Modulation of Acidic Tumor Microenvironment Reverses Anergy of Infiltrating T Cells and Potentiates Anti-PD-1 Therapy. *Nano Letters*, **2019**, 19, 2774-2783	11.5	86

201	Combination therapy with epigenetic-targeted and chemotherapeutic drugs delivered by nanoparticles to enhance the chemotherapy response and overcome resistance by breast cancer stem cells. *Journal of Controlled Release*, **2015**, 205, 7-14	11.7	85
200	Gold nanorods for platinum based prodrug delivery. *Chemical Communications*, **2010**, 46, 8424-6	5.8	85
199	Promoting tumor penetration of nanoparticles for cancer stem cell therapy by TGF-β signaling pathway inhibition. *Biomaterials*, **2016**, 82, 48-59	15.6	81
198	Multiple functional hyperbranched poly(amido amine) nanoparticles: synthesis and application in cell imaging. *Biomacromolecules*, **2011**, 12, 1523-31	6.9	81
197	Invariant NKT cells promote alcohol-induced steatohepatitis through interleukin-1β in mice. *Journal of Hepatology*, **2015**, 62, 1311-8	13.4	80
196	Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. *Nature Communications*, **2018**, 9, 4092	17.4	80
195	Therapeutic delivery of siRNA silencing HIF-1 alpha with micellar nanoparticles inhibits hypoxic tumor growth. *Molecular Pharmaceutics*, **2012**, 9, 2863-74	5.6	78
194	The isolation of an RNA aptamer targeting to p53 protein with single amino acid mutation. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 10002-7	11.5	77
193	Triple negative breast cancer therapy with CDK1 siRNA delivered by cationic lipid assisted PEG-PLA nanoparticles. *Journal of Controlled Release*, **2014**, 192, 114-21	11.7	77
192	Galactosylated PVDF membrane promotes hepatocyte attachment and functional maintenance. *Biomaterials*, **2003**, 24, 4893-903	15.6	77
191	Responsive Nanocarriers as an Emerging Platform for Cascaded Delivery of Nucleic Acids to Cancer. *Advanced Drug Delivery Reviews*, **2017**, 115, 98-114	18.5	76
190	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. *Biomaterials*, **2016**, 103, 44-55	15.6	76
189	Synthesis and micellization of amphiphilic brush-coil block copolymer based on poly(epsilon-caprolactone) and PEGylated polyphosphoester. *Biomacromolecules*, **2006**, 7, 1898-903	6.9	76
188	Controlling fibrous capsule formation through long-term down-regulation of collagen type I (COL1A1) expression by nanofiber-mediated siRNA gene silencing. *Acta Biomaterialia*, **2013**, 9, 4513-24	10.8	74
187	Synthesis and characterization of photo-cross-linked hydrogels based on biodegradable polyphosphoesters and poly(ethylene glycol) copolymers. *Biomacromolecules*, **2007**, 8, 3375-81	6.9	74
186	Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. *Applied Catalysis B: Environmental*, **2018**, 231, 251-261	21.8	73
185	Water-soluble and nonionic polyphosphoester: synthesis, degradation, biocompatibility and enhancement of gene expression in mouse muscle. *Biomacromolecules*, **2004**, 5, 306-11	6.9	73
184	Synthesis of Amphiphilic ABC 3-Miktoarm Star Terpolymer by Combination of Ring-Opening Polymerization and "click" Chemistry. *Macromolecules*, **2008**, 41, 8620-8625	5.5	72

183	Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery in vivo. *Biomaterials*, **2015**, 69, 1-11	15.6	71
182	Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. *Biomaterials*, **2018**, 170, 147-155	15.6	71
181	Biodegradable polycation and plasmid DNA multilayer film for prolonged gene delivery to mouse osteoblasts. *Biomaterials*, **2008**, 29, 733-41	15.6	70
180	Encapsulation and controlled release of a hydrophobic drug using a novel nanoparticle-forming hyperbranched polyester. *Macromolecular Bioscience*, **2005**, 5, 662-8	5.5	70
179	N-acetylgalactosamine functionalized mixed micellar nanoparticles for targeted delivery of siRNA to liver. *Journal of Controlled Release*, **2013**, 166, 106-14	11.7	69
178	Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. *ACS Nano*, **2019**, 13, 8890-8902	16.7	68
177	Synthesis and characterization of star-shaped block copolymer of poly-(e-caprolactone) and poly(ethyl ethylene phosphate) as drug carrier. *Polymer*, **2008**, 49, 4784-4790	3.9	66
176	One-Pot Syntheses of Amphiphilic Centipede-like Brush Copolymers via Combination of Ring-Opening Polymerization and Click Chemistry. *Macromolecules*, **2010**, 43, 1739-1746	5.5	64
175	The effect of surface charge on oral absorption of polymeric nanoparticles. *Biomaterials Science*, **2018**, 6, 642-650	7.4	60
174	NIR-Activated Supersensitive Drug Release Using Nanoparticles with a Flow Core. *Advanced Functional Materials*, **2016**, 26, 7516-7525	15.6	58
173	Rational designs of in vivo CRISPR-Cas delivery systems. *Advanced Drug Delivery Reviews*, **2021**, 168, 3-29	18.5	58
172	Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. *ACS Nano*, **2018**, 12, 5684-5698	16.7	58
171	Doxorubicin conjugate of poly(ethylene glycol)-block-polyphosphoester for cancer therapy. *Advanced Healthcare Materials*, **2014**, 3, 261-72	10.1	57
170	Synthesis of PEG-Armed and Polyphosphoester Core-Cross-Linked Nanogel by One-Step Ring-Opening Polymerization. *Macromolecules*, **2009**, 42, 893-896	5.5	57
169	CNS gene transfer mediated by a novel controlled release system based on DNA complexes of degradable polycation PPE-EA: a comparison with polyethylenimine/DNA complexes. *Gene Therapy*, **2004**, 11, 109-14	4	57
168	Polyphosphoramidate gene carriers: effect of charge group on gene transfer efficiency. *Gene Therapy*, **2004**, 11, 1001-10	4	57
167	Applications of Inorganic Nanomaterials in Photothermal Therapy Based on Combinational Cancer Treatment. *International Journal of Nanomedicine*, **2020**, 15, 1903-1914	7.3	56
166	Nanoenabled Reversal of IDO1-Mediated Immunosuppression Synergizes with Immunogenic Chemotherapy for Improved Cancer Therapy. *Nano Letters*, **2019**, 19, 5356-5365	11.5	55

165	Optimizing the Size of Micellar Nanoparticles for Efficient siRNA Delivery. *Advanced Functional Materials*, **2015**, 25, 4778-4787	15.6	55
164	Synthesis and characterization of amphiphilic block copolymer of polyphosphoester and poly(L-lactic acid). *Journal of Polymer Science Part A*, **2008**, 46, 6425-6434	2.5	54
163	Biodegradable vesicular nanocarriers based on poly(e-caprolactone)-block-poly(ethyl ethylene phosphate) for drug delivery. *Polymer*, **2009**, 50, 5048-5054	3.9	53
162	Delivery of bortezomib with nanoparticles for basal-like triple-negative breast cancer therapy. *Journal of Controlled Release*, **2015**, 208, 14-24	11.7	52
161	Differential anticancer drug delivery with a nanogel sensitive to bacteria-accumulated tumor artificial environment. *ACS Nano*, **2013**, 7, 10636-45	16.7	52
160	Block copolymer of polyphosphoester and poly(L-lactic acid) modified surface for enhancing osteoblast adhesion, proliferation, and function. *Biomacromolecules*, **2009**, 10, 2213-20	6.9	49
159	Systemic delivery of CRISPR/Cas9 with PEG-PLGA nanoparticles for chronic myeloid leukemia targeted therapy. *Biomaterials Science*, **2018**, 6, 1592-1603	7.4	48
158	Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish. *Nature Communications*, **2016**, 7, 13787	17.4	48
157	Block Copolymerization of Ε-Caprolactone and 2-Methoxyethyl Ethylene Phosphate Initiated by Aluminum Isopropoxide: Synthesis, Characterization, and Kinetics. *Macromolecules*, **2006**, 39, 8992-8998	5.5	47
156	Nanotoxicity comparison of four amphiphilic polymeric micelles with similar hydrophilic or hydrophobic structure. *Particle and Fibre Toxicology*, **2013**, 10, 47	8.4	46
155	Poly(Ε-caprolactone)-block-poly(ethyl ethylene phosphate) micelles for brain-targeting drug delivery: in vitro and in vivo valuation. *Pharmaceutical Research*, **2010**, 27, 2657-69	4.5	46
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153	Synthesis and Characterization of Block Copolymer of Polyphosphoester and Poly(Ε-caprolactone). *Macromolecules*, **2006**, 39, 473-475	5.5	46
152	Stepwise targeted drug delivery to liver cancer cells for enhanced therapeutic efficacy by galactose-grafted, ultra-pH-sensitive micelles. *Acta Biomaterialia*, **2017**, 51, 363-373	10.8	45
151	Ultrathin carbon layer coated MoO2 nanoparticles for high-performance near-infrared photothermal cancer therapy. *Chemical Communications*, **2015**, 51, 10054-7	5.8	45
150	A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. *Angewandte Chemie - International Edition*, **2020**, 59, 7168-7172	16.4	45
149	Synthetic lethal therapy for KRAS mutant non-small-cell lung carcinoma with nanoparticle-mediated CDK4 siRNA delivery. *Molecular Therapy*, **2014**, 22, 964-73	11.7	44
148	Effect of side-chain structures on gene transfer efficiency of biodegradable cationic polyphosphoesters. *International Journal of Pharmaceutics*, **2003**, 265, 75-84	6.5	44

147	The inhibition of metastasis and growth of breast cancer by blocking the NF-Β signaling pathway using bioreducible PEI-based/p65 shRNA complex nanoparticles. *Biomaterials*, **2013**, 34, 5381-90	15.6	43
146	Stable metallic 1T-WS2 ultrathin nanosheets as a promising agent for near-infrared photothermal ablation cancer therapy. *Nano Research*, **2015**, 8, 3982-3991	10	43
145	Protecting neurons from cerebral ischemia/reperfusion injury via nanoparticle-mediated delivery of an siRNA to inhibit microglial neurotoxicity. *Biomaterials*, **2018**, 161, 95-105	15.6	42
144	Enhancement of lipopolysaccharide-induced nitric oxide and interleukin-6 production by PEGylated gold nanoparticles in RAW264.7 cells. *Nanoscale*, **2012**, 4, 7135-42	7.7	42
143	Single-atom Pt supported on holey ultrathin g-CN nanosheets as efficient catalyst for Li-O batteries. *Journal of Colloid and Interface Science*, **2020**, 564, 28-36	9.3	42
142	Targeting glucose uptake with siRNA-based nanomedicine for cancer therapy. *Biomaterials*, **2015**, 51, 1-11	15.6	41
141	Oral delivery of a platinum anticancer drug using lipid assisted polymeric nanoparticles. *Chemical Communications*, **2015**, 51, 17536-9	5.8	40
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139	The effect of surface poly(ethylene glycol) length on in vivo drug delivery behaviors of polymeric nanoparticles. *Biomaterials*, **2018**, 182, 104-113	15.6	39
138	Nanoparticles encapsulating hepatitis B virus cytosine-phosphate-guanosine induce therapeutic immunity against HBV infection. *Hepatology*, **2014**, 59, 385-94	11.2	39
137	Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. *Biomaterials*, **2015**, 70, 71-83	15.6	38
136	Cationic Polymeric Nanoparticle Delivering CCR2 siRNA to Inflammatory Monocytes for Tumor Microenvironment Modification and Cancer Therapy. *Molecular Pharmaceutics*, **2018**, 15, 3642-3653	5.6	38
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134	miRNA-181 regulates embryo implantation in mice through targeting leukemia inhibitory factor. *Journal of Molecular Cell Biology*, **2015**, 7, 12-22	6.3	37
133	Gold nanoparticles elevate plasma testosterone levels in male mice without affecting fertility. *Small*, **2013**, 9, 1708-14	11	37
132	Stimuli-Responsive Hydrogel Based on Poly(propylene phosphate). *Macromolecules*, **2004**, 37, 670-672	5.5	37
131	3-Carboxyphenylboronic acid-modified carboxymethyl chitosan nanoparticles for improved tumor targeting and inhibitory. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 113, 168-177	5.7	36
130	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. *Biomaterials*, **2016**, 94, 9-19	15.6	36

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128	In situ repurposing of dendritic cells with CRISPR/Cas9-based nanomedicine to induce transplant tolerance. *Biomaterials*, **2019**, 217, 119302	15.6	34
127	Anti-Her2 single-chain antibody mediated DNMTs-siRNA delivery for targeted breast cancer therapy. *Journal of Controlled Release*, **2012**, 161, 875-83	11.7	34
126	Enhanced Primary Tumor Penetration Facilitates Nanoparticle Draining into Lymph Nodes after Systemic Injection for Tumor Metastasis Inhibition. *ACS Nano*, **2019**, 13, 8648-8658	16.7	33
125	Three-Dimensional Nanofiber Hybrid Scaffold Directs and Enhances Axonal Regeneration after Spinal Cord Injury. *ACS Biomaterials Science and Engineering*, **2016**, 2, 1319-1329	5.5	32
124	Facile Hydrophobization of siRNA with Anticancer Drug for Non-Cationic Nanocarrier-Mediated Systemic Delivery. *Nano Letters*, **2019**, 19, 2688-2693	11.5	31
123	The effect of hydrophilic and hydrophobic structure of amphiphilic polymeric micelles on their transport in epithelial MDCK cells. *Biomaterials*, **2013**, 34, 6284-98	15.6	31
122	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. *Angewandte Chemie*, **2016**, 128, 1022-1026	3.6	31
121	Polymeric-Micelle-Based Nanomedicine for siRNA Delivery. *Particle and Particle Systems Characterization*, **2013**, 30, 211-228	3.1	30
120	Electrosprayed core-shell microspheres for protein delivery. *Chemical Communications*, **2010**, 46, 4743-5	5.8	30
119	pH-triggered chitosan nanogels via an ortho ester-based linkage for efficient chemotherapy. *Acta Biomaterialia*, **2017**, 60, 232-243	10.8	29
118	Acetal-Linked Hyperbranched Polyphosphoester Nanocarriers Loaded with Chlorin e6 for pH-Activatable Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 21198-21205	9.5	29
117	ScFv-decorated PEG-PLA-based nanoparticles for enhanced siRNA delivery to Her2+ breast cancer. *Advanced Healthcare Materials*, **2014**, 3, 1792-803	10.1	29
116	Engineering nanoscopic hydrogels via photo-crosslinking salt-induced polymer assembly for targeted drug delivery. *Chemical Communications*, **2010**, 46, 3520-2	5.8	29
115	Scaffold-Mediated Sustained, Non-viral Delivery of miR-219/miR-338 Promotes CNS Remyelination. *Molecular Therapy*, **2019**, 27, 411-423	11.7	29
114	Synthesis of an Oxidation-Sensitive Polyphosphoester Bearing Thioether Group for Triggered Drug Release. *Biomacromolecules*, **2019**, 20, 1740-1747	6.9	28
113	Optimization of lipid-assisted nanoparticle for disturbing neutrophils-related inflammation. *Biomaterials*, **2018**, 172, 92-104	15.6	28
112	Multidrug Delivery Systems Based on Human Serum Albumin for Combination Therapy with Three Anticancer Agents. *Molecular Pharmaceutics*, **2016**, 13, 3098-105	5.6	28

111	Cationic lipid-assisted polymeric nanoparticle mediated GATA2 siRNA delivery for synthetic lethal therapy of KRAS mutant non-small-cell lung carcinoma. *Molecular Pharmaceutics*, **2014**, 11, 2612-22	5.6	28
110	Carrier-free nanoassembly of doxorubicin prodrug and siRNA for combinationally inducing immunogenic cell death and reversing immunosuppression. *Nano Today*, **2020**, 35, 100924	17.9	28
109	Asplatin enhances drug efficacy by altering the cellular response. *Metallomics*, **2016**, 8, 672-8	4.5	28
108	Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. *Nano Letters*, **2019**, 19, 8947-8955	11.5	27
107	Phenylboronic acid-decorated gelatin nanoparticles for enhanced tumor targeting and penetration. *Nanotechnology*, **2016**, 27, 385101	3.4	26
106	Real-time imaging of intracellular drug release from mesoporous silica nanoparticles based on fluorescence resonance energy transfer. *Journal of Materials Chemistry B*, **2014**, 2, 4379-4386	7.3	26
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104	Gold nanoparticles stabilized by thermosensitive diblock copolymers of poly(ethylene glycol) and polyphosphoester. *Langmuir*, **2009**, 25, 10298-304	4	26
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