Xinyuan Zhu

List of Publications by Year in Descending Order

272 papers	11,238 citations	59 h-index	95 g-index
279 ext. papers	13,318 ext. citations	8.7 avg, IF	6.7 L-index

#	Paper	IF	Citations
272	Synthesis of hyperbranched polyolefin with well-defined terminal functional group. *Polymer*, **2022**, 242, 124571	3.9	1
271	Color-convertible fluorescent nanoprobe for Parkinson's disease diagnosis. *Chemical Engineering Journal*, **2022**, 429, 132368	14.7	2
270	Self-encapsulated enzyme through in-situ growth of polypyrrole for high-performance enzymatic biofuel cell. *Chemical Engineering Journal*, **2022**, 429, 132148	14.7	5
269	Transparent, Photothermal, and Icephobic Surfaces via Layer-by-Layer Assembly.. *Advanced Science*, **2022**, e2105986	13.6	2
268	l-Asparaginase In Situ Encapsulated into Zwitterionic Nanocapsules with a Prolonged Half-Life. *ACS Applied Polymer Materials*, **2022**, 4, 2757-2766	4.3	
267	Advancing from unimechanism polymerization to multimechanism polymerization: binary polymerization. *Science China Chemistry*, **2022**, 65, 602-610	7.9	1
266	Copackaging photosensitizer and PD-L1 siRNA in a nucleic acid nanogel for synergistic cancer photoimmunotherapy.. *Science Advances*, **2022**, 8, eabn2941	14.3	6
265	Inorganic-Ligand Quantum Dots Meet Inorganic-Ligand Semiconductor Nanoplatelets: A Promising Fusion to Construct All-Inorganic Assembly. *Inorganic Chemistry*, **2021**, 60, 6994-6998	5.1	
264	Material Perspective on the Structural Design of Artificial Meat. *Advanced Sustainable Systems*, **2021**, 5, 2100017	5.9	0
263	Rational Optimization of Tether Binding Length between the Redox Groups and the Polymer Backbone in Electroactive Redox Enzyme Nanocapsules for High-Performance Enzymatic Biofuel Cell. *ACS Applied Energy Materials*, **2021**, 4, 5034-5042	6.1	0
262	A Combinatorial Approach Based on Nucleic Acid Assembly and Electrostatic Compression for siRNA Delivery. *Chemical Research in Chinese Universities*, **2021**, 37, 906-913	2.2	1
261	Topological Effect on Macromonomer Polymerization. *Macromolecules*, **2021**, 54, 6101-6108	5.5	6
260	Metabolizable Photosensitizer with Aggregation-Induced Emission for Photodynamic Therapy. *Chemistry of Materials*, **2021**, 33, 5974-5980	9.6	3
259	Hydroxyapatite-Bovine Serum Albumin-Paclitaxel Nanoparticles for Locoregional Treatment of Osteosarcoma. *Advanced Healthcare Materials*, **2021**, 10, e2000573	10.1	8
258	Update on the development of molecular imaging and nanomedicine in China: Optical imaging. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2021**, 13, e1660	9.2	2
257	A Redox-Responsive, In-Situ Polymerized Polyplatinum(IV)-Coated Gold Nanorod as An Amplifier of Tumor Accumulation for Enhanced Thermo-Chemotherapy. *Biomaterials*, **2021**, 266, 120400	15.6	13
256	Rational design of electroactive redox enzyme nanocapsules for high-performance biosensors and enzymatic biofuel cell. *Biosensors and Bioelectronics*, **2021**, 174, 112805	11.8	8

255	Noble Metal Nanomaterials for NIR-Triggered Photothermal Therapy in Cancer. *Advanced Healthcare Materials*, **2021**, 10, e2001806	10.1	44
254	A Virus-Mimicking Nucleic Acid Nanogel Reprograms Microglia and Macrophages for Glioblastoma Therapy. *Advanced Materials*, **2021**, 33, e2006116	24	28
253	Synthesis and self-assembly of photo-responsive polypeptoid-based copolymers containing azobenzene side chains. *Polymer Chemistry*, **2021**, 12, 1823-1829	4.9	5
252	A pure molecular drug hydrogel for post-surgical cancer treatment. *Biomaterials*, **2021**, 265, 120403	15.6	11
251	Fluorinated chitosan-mediated intracellular catalase delivery for enhanced photodynamic therapy of oral cancer. *Biomaterials Science*, **2021**, 9, 658-662	7.4	8
250	A highly sensitive and selective fluoride sensor based on a riboswitch-regulated transcription coupled with CRISPR-Cas13a tandem reaction. *Chemical Science*, **2021**, 12, 11740-11747	9.4	4
249	A mesoporous polydopamine nanoparticle enables highly efficient manganese encapsulation for enhanced MRI-guided photothermal therapy. *Nanoscale*, **2021**, 13, 6439-6446	7.7	5
248	Strong tough hydrogels via the synergy of freeze-casting and salting out. *Nature*, **2021**, 590, 594-599	50.4	176
247	Poly(vinyl alcohol) Hydrogels with Broad-Range Tunable Mechanical Properties via the Hofmeister Effect. *Advanced Materials*, **2021**, 33, e2007829	24	79
246	Tumor-Activated Photosensitization and Size Transformation of Nanodrugs. *Advanced Functional Materials*, **2021**, 31, 2010241	15.6	18
245	Rapid and scalable fabrication of ultra-stretchable, anti-freezing conductive gels by cononsolvency effect. *EcoMat*, **2021**, 3, e12085	9.4	8
244	Journey of Poly(ethylene Glycol) in Living Cells. *ACS Applied Materials & Interfaces*, **2021**, 13, 40267-40277	9.5	1
243	Tendon-inspired anti-freezing tough gels. *IScience*, **2021**, 24, 102989	6.1	2
242	Sulfanion-initiated open-vessel anionic ring-opening polymerization (AROP) of N-sulfonyl aziridines. *Science China Chemistry*, **2021**, 64, 1778	7.9	
241	Evolution of physicochemical and antioxidant properties of whey protein isolate during fibrillization process. *Food Chemistry*, **2021**, 357, 129751	8.5	3
240	Systemic antiviral immunization by virus-mimicking nanoparticles-decorated erythrocytes. *Nano Today*, **2021**, 40, 101280	17.9	9
239	A nucleic acid nanogel dually bears siRNA and CpG motifs for synergistic tumor immunotherapy. *Biomaterials Science*, **2021**, 9, 4755-4764	7.4	4
238	Tailoring morphologies of mesoporous polydopamine nanoparticles to deliver high-loading radioiodine for anaplastic thyroid carcinoma imaging and therapy. *Nanoscale*, **2021**, 13, 15021-15030	7.7	4

237	Nanofabrication within unimolecular nanoreactors. *Nanoscale*, **2020**, 12, 12698-12711	7.7	5
236	Superhydrophobic photothermal icephobic surfaces based on candle soot. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 11240-11246	11.5	96
235	Grafting multi-maleimides on antisense oligonucleotide to enhance its cellular uptake and gene silencing capability. *Chemical Communications*, **2020**, 56, 7439-7442	5.8	2
234	Hydrogen peroxide-response nanoprobe for CD44-targeted circulating tumor cell detection and HO analysis. *Biomaterials*, **2020**, 255, 120071	15.6	10
233	Polydopamine-coated nucleic acid nanogel for siRNA-mediated low-temperature photothermal therapy. *Biomaterials*, **2020**, 245, 119976	15.6	94
232	Sequence-Dependent DNA Functionalization of Upconversion Nanoparticles and Their Programmable Assemblies. *Angewandte Chemie*, **2020**, 132, 8210-8214	3.6	2
231	Advanced functional polymer materials. *Materials Chemistry Frontiers*, **2020**, 4, 1803-1915	7.8	70
230	Carrier-Free Delivery of Precise Drug-Chemogene Conjugates for Synergistic Treatment of Drug-Resistant Cancer. *Angewandte Chemie - International Edition*, **2020**, 59, 17944-17950	16.4	34
229	Sequence-Dependent DNA Functionalization of Upconversion Nanoparticles and Their Programmable Assemblies. *Angewandte Chemie - International Edition*, **2020**, 59, 8133-8137	16.4	23
228	Fluorescence resonance energy transfer-based drug delivery systems for enhanced photodynamic therapy. *Journal of Materials Chemistry B*, **2020**, 8, 3772-3788	7.3	23
227	Dual-Self-Restricted GFP Chromophore Analogues with Significantly Enhanced Emission. *Journal of Physical Chemistry B*, **2020**, 124, 871-880	3.4	3
226	Hybrid Nanospheres to Overcome Hypoxia and Intrinsic Oxidative Resistance for Enhanced Photodynamic Therapy. *ACS Nano*, **2020**, 14, 2183-2190	16.7	92
225	Endogenous nucleotide as drug carrier: base-paired guanosine-5?-monophosphate:pemetrexed vesicles with enhanced anticancer capability. *Science China Chemistry*, **2020**, 63, 244-253	7.9	5
224	Amphiphilic drug-drug conjugate for cancer therapy with combination of chemotherapeutic and antiangiogenesis drugs. *Science China Chemistry*, **2020**, 63, 35-41	7.9	7
223	Tirapazamine-embedded polyplatinum(iv) complex: a prodrug combo for hypoxia-activated synergistic chemotherapy. *Biomaterials Science*, **2020**, 8, 694-701	7.4	15
222	Engineering a Floxuridine-integrated RNA Prism as Precise Nanomedicine for Drug Delivery. *Chemical Research in Chinese Universities*, **2020**, 36, 274-280	2.2	
221	In situ localization of alkaline phosphatase activity in tumor cells by an aggregation-induced emission fluorophore-based probes. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115284	3.4	8
220	Methotrexate-Mn based nanoscale coordination polymers as a theranostic nanoplatform for MRI guided chemotherapy. *Biomaterials Science*, **2020**, 8, 712-719	7.4	12

219	Efficient Delivery of mRNA Using Crosslinked Nucleic Acid Nanogel as a Carrier **2020**, 2, 1509-1515		12
218	Tumor-Activated and Metal-Organic Framework Assisted Self-Assembly of Organic Photosensitizers. *ACS Nano*, **2020**, 14, 13056-13068	16.7	15
217	Affibody-Modified Gd@C-Dots with Efficient Renal Clearance for Enhanced MRI of EGFR Expression in Non-Small-Cell Lung Cancer. *International Journal of Nanomedicine*, **2020**, 15, 4691-4703	7.3	7
216	Carrier-Free Delivery of Precise Drug–Chemogene Conjugates for Synergistic Treatment of Drug-Resistant Cancer. *Angewandte Chemie*, **2020**, 132, 18100-18106	3.6	5
215	Light-Induced Self-Escape of Spherical Nucleic Acid from Endo/Lysosome for Efficient Non-Cationic Gene Delivery. *Angewandte Chemie - International Edition*, **2020**, 59, 19168-19174	16.4	38
214	Bioinspired high-power-density strong contractile hydrogel by programmable elastic recoil. *Science Advances*, **2020**, 6,	14.3	50
213	Recent advances in supramolecular block copolymers for biomedical applications. *Journal of Materials Chemistry B*, **2020**, 8, 8219-8231	7.3	14
212	Light-Induced Self-Escape of Spherical Nucleic Acid from Endo/Lysosome for Efficient Non-Cationic Gene Delivery. *Angewandte Chemie*, **2020**, 132, 19330-19336	3.6	4
211	Hybrid Polymerization of Reversible Complexation Mediated Polymerization (RCMP) and Reversible Addition–Fragmentation Chain-Transfer (RAFT) Polymerization. *Macromolecules*, **2020**, 53, 9345-9352	5.5	1
210	Nanobody-guided targeted delivery of microRNA via nucleic acid nanogel to inhibit the tumor growth. *Journal of Controlled Release*, **2020**, 328, 425-434	11.7	9
209	Enzymatic biofuel cells based on protein engineering: recent advances and future prospects. *Biomaterials Science*, **2020**, 8, 5230-5240	7.4	10
208	Engineering small molecule nanodrugs to overcome barriers for cancer therapy. *View*, **2020**, 1, 20200062	7.8	9
207	Injectable Drug-Conjugated DNA Hydrogel for Local Chemotherapy to Prevent Tumor Recurrence. *ACS Applied Materials & Interfaces*, **2020**, 12, 21441-21449	9.5	27
206	A non-cationic nucleic acid nanogel for the delivery of the CRISPR/Cas9 gene editing tool. *Nanoscale*, **2019**, 11, 17211-17215	7.7	37
205	The synthesis and oligomerization of a monofunctional bottlebrush-shaped polymer terminated with an azide group. *Polymer Chemistry*, **2019**, 10, 5168-5171	4.9	1
204	Novel target NIR-fluorescent polymer for living tumor cell imaging. *Polymer Chemistry*, **2019**, 10, 77-85	4.9	3
203	Supramolecular nanoscale drug-delivery system with ordered structure. *National Science Review*, **2019**, 6, 1128-1137	10.8	31
202	Controlled syntheses of polythiophene nanoparticles with plain and hollow nanostructures templated from unimolecular micelles. *Journal of Polymer Science Part A*, **2019**, 57, 1550-1555	2.5	6

201	Aggregation-Induced Emission Fluorophore-Based Molecular Beacon for Differentiating Tumor and Normal Cells by Detecting the Specific and False-Positive Signals. *ACS Biomaterials Science and Engineering*, **2019**, 5, 3618-3630	5.5	9
200	Ferroptosis Promotes Photodynamic Therapy: Supramolecular Photosensitizer-Inducer Nanodrug for Enhanced Cancer Treatment. *Theranostics*, **2019**, 9, 3293-3307	12.1	98
199	Rapid Detection of Exosomal MicroRNAs Using Virus-Mimicking Fusogenic Vesicles. *Angewandte Chemie*, **2019**, 131, 8811-8815	3.6	5
198	A NIR-triggered gatekeeper of supramolecular conjugated unimicelles with two-photon absorption for controlled drug release. *Chemical Communications*, **2019**, 55, 6735-6738	5.8	15
197	Polygemcitabine nanogels with accelerated drug activation for cancer therapy. *Chemical Communications*, **2019**, 55, 6603-6606	5.8	11
196	Role transition of PNIPAM ionic microgels in dispersion polymerization by changing the monomer type. *Polymer*, **2019**, 175, 171-176	3.9	
195	ROS-responsive nanoparticles based on amphiphilic hyperbranched polyphosphoester for drug delivery: Light-triggered size-reducing and enhanced tumor penetration. *Biomaterials*, **2019**, 211, 68-80	15.6	76
194	Rapid Detection of Exosomal MicroRNAs Using Virus-Mimicking Fusogenic Vesicles. *Angewandte Chemie - International Edition*, **2019**, 58, 8719-8723	16.4	68
193	Site-dependent fluorescence enhanced polymers with a self-restricted GFP chromophore for living cell imaging. *Biomaterials Science*, **2019**, 7, 2421-2429	7.4	9
192	Stressing the Role of DNA as a Drug Carrier: Synthesis of DNA-Drug Conjugates through Grafting Chemotherapeutics onto Phosphorothioate Oligonucleotides. *Advanced Materials*, **2019**, 31, e1807533	24	51
191	Two-in-One Chemogene Assembled from Drug-Integrated Antisense Oligonucleotides To Reverse Chemoresistance. *Journal of the American Chemical Society*, **2019**, 141, 6955-6966	16.4	55
190	A Camptothecin-Grafted DNA Tetrahedron as a Precise Nanomedicine to Inhibit Tumor Growth. *Angewandte Chemie - International Edition*, **2019**, 58, 13794-13798	16.4	61
189	A Camptothecin-Grafted DNA Tetrahedron as a Precise Nanomedicine to Inhibit Tumor Growth. *Angewandte Chemie*, **2019**, 131, 13932-13936	3.6	7
188	A new insight into the reversal of multidrug resistance in cancer by nanodrugs. *Biomaterials Science*, **2019**, 7, 3489-3496	7.4	7
187	Preparation and Characterization of Paclitaxel/Chitosan Nanosuspensions for Drug Delivery System and Cytotoxicity Evaluation In Vitro. *Advanced Fiber Materials*, **2019**, 1, 152-162	10.9	13
186	pH-Responsive and Gemcitabine-Containing DNA Nanogel To Facilitate the Chemodrug Delivery. *ACS Applied Materials & Interfaces*, **2019**, 11, 41082-41090	9.5	21
185	A Paclitaxel-Based Mucoadhesive Nanogel with Multivalent Interactions for Cervical Cancer Therapy. *Small*, **2019**, 15, e1903208	11	15
184	DNA tetrahedron-based nanogels for siRNA delivery and gene silencing. *Chemical Communications*, **2019**, 55, 4222-4225	5.8	58

183	Synthesis of hyperbranched polyolefins and polyethylenes via ADMET of monomers bearing non-selective olefins. *Polymer Chemistry*, **2019**, 10, 6174-6182	4.9	3
182	A Fluorescent Cocktail Strategy for Differentiating Tumor, Inflammation, and Normal Cells by Detecting mRNA and HO. *ACS Biomaterials Science and Engineering*, **2019**, 5, 1023-1033	5.5	4
181	Anti-biofouling therapeutic nanoparticles with removable shell and highly efficient internalization by cancer cells. *Biomaterials Science*, **2018**, 7, 336-346	7.4	3
180	Light-Trigerred Cellular Epigenetic Molecule Release To Reverse Tumor Multidrug Resistance. *Bioconjugate Chemistry*, **2018**, 29, 1344-1351	6.3	5
179	Celecoxib-Induced Self-Assembly of Smart Albumin-Doxorubicin Conjugate for Enhanced Cancer Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 8555-8565	9.5	30
178	Supramolecular dendritic polymers for diagnostic and theranostic applications. *Science China Materials*, **2018**, 61, 1444-1453	7.1	5
177	Floxuridine-containing nucleic acid nanogels for anticancer drug delivery. *Nanoscale*, **2018**, 10, 8367-8371	7.7	36
176	Star polymer-based unimolecular micelles and their application in bio-imaging and diagnosis. *Biomaterials*, **2018**, 178, 738-750	15.6	48
175	A Crosslinked Nucleic Acid Nanogel for Effective siRNA Delivery and Antitumor Therapy. *Angewandte Chemie*, **2018**, 130, 3118-3122	3.6	22
174	A Crosslinked Nucleic Acid Nanogel for Effective siRNA Delivery and Antitumor Therapy. *Angewandte Chemie - International Edition*, **2018**, 57, 3064-3068	16.4	108
173	Stabilization capacity of PNIPAM microgels as particulate stabilizer in dispersion polymerization. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 538, 789-794	5.1	6
172	Synthesis, clustering-triggered emission, explosive detection and cell imaging of nonaromatic polyurethanes. *Molecular Systems Design and Engineering*, **2018**, 3, 364-375	4.6	58
171	Reduction-responsive amphiphilic polymeric prodrugs of camptothecin-polyphosphoester for cancer chemotherapy. *Biomaterials Science*, **2018**, 6, 1403-1413	7.4	20
170	Building Single-Color AIE-Active Reversible Micelles to Interpret Temperature and pH Stimuli in Both Solutions and Cells. *Macromolecules*, **2018**, 51, 5234-5244	5.5	42
169	Fabrication of Activity-Reporting Glucose Oxidase Nanocapsules with Oxygen-Independent Fluorescence Variation. *ACS Applied Materials & Interfaces*, **2018**, 10, 26005-26015	9.5	10
168	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. *Journal of the American Chemical Society*, **2018**, 140, 8005-8019	16.4	168
167	An efficient method for CTCs screening with excellent operability by integrating Parsortix□like cell separation chip and selective size amplification. *Biomedical Microdevices*, **2018**, 20, 51	3.7	3
166	Role Transformation of Poly(N-isopropylacrylamide) Microgels from Stabilizer to Seed in Dispersion Polymerization by Controlling the Water Content in Methanol-Water Mixture. *Langmuir*, **2018**, 34, 3420-3425	4	6

165	Hybrid Polymerization of Ring-Opening Metathesis and Cross-Metathesis for Polyolefins with Tunable Architectures. *Macromolecules*, **2018**, 51, 9555-9561	5.5	8
164	Paclitaxel/Chitosan Nanosupensions Provide Enhanced Intravesical Bladder Cancer Therapy with Sustained and Prolonged Delivery of Paclitaxel.. *ACS Applied Bio Materials*, **2018**, 1, 1992-2001	4.1	10
163	Preparation, characterization and mechanism study of small size core-shell polymer nanoparticles dissociated from poly(N-isopropylacrylamide) ionic microgels. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 559, 184-191	5.1	2
162	Synthesis of Multiarm Star Polymer Based on Hyperbranched Polyester Core and Poly(ε-caprolactone) Arms and Its Application in UV-Curable Coating. *ACS Omega*, **2018**, 3, 13928-13934	3.9	8
161	Short-term urea cycle inhibition in rat liver cells induced by polyethylene glycol. *Biomaterials Science*, **2018**, 6, 2896-2904	7.4	1
160	Endoplasmic Reticulum-Targeted Fluorescent Nanodot with Large Stokes Shift for Vesicular Transport Monitoring and Long-Term Bioimaging. *Small*, **2018**, 14, e1800223	11	17
159	Platinum(IV) complex-based two-in-one polyprodrug for a combinatorial chemo-photodynamic therapy. *Biomaterials*, **2018**, 177, 67-77	15.6	58
158	Oxygen and Pt(II) self-generating conjugate for synergistic photo-chemo therapy of hypoxic tumor. *Nature Communications*, **2018**, 9, 2053	17.4	151
157	Reaction-Based Color-Convertible Fluorescent Probe for Ferroptosis Identification. *Analytical Chemistry*, **2018**, 90, 9218-9225	7.8	15
156	Supramolecularly self-assembled nano-twin drug for reversing multidrug resistance. *Biomaterials Science*, **2018**, 6, 2261-2269	7.4	11
155	Nucleoside Analogue-Based Supramolecular Nanodrugs Driven by Molecular Recognition for Synergistic Cancer Therapy. *Journal of the American Chemical Society*, **2018**, 140, 8797-8806	16.4	65
154	Nanoparticle delivery of Wnt-1 siRNA enhances photodynamic therapy by inhibiting epithelial-mesenchymal transition for oral cancer. *Biomaterials Science*, **2017**, 5, 494-501	7.4	29
153	Self-crosslinking and injectable hyaluronic acid/RGD-functionalized pectin hydrogel for cartilage tissue engineering. *Carbohydrate Polymers*, **2017**, 166, 31-44	10.3	90
152	Synthesis of a Cationic Supramolecular Block Copolymer with Covalent and Noncovalent Polymer Blocks for Gene Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 9006-9014	9.5	32
151	Encapsulating Therapeutic Proteins with Polyzwitterions for Lower Macrophage Nonspecific Uptake and Longer Circulation Time. *ACS Applied Materials & Interfaces*, **2017**, 9, 7972-7978	9.5	28
150	Small molecule nanodrugs for cancer therapy. *Materials Today Chemistry*, **2017**, 4, 26-39	6.2	54
149	Zwitterionic gold nanorods: low toxicity and high photothermal efficacy for cancer therapy. *Biomaterials Science*, **2017**, 5, 686-697	7.4	29
148	A fluorescent light-up aggregation-induced emission probe for screening gefitinib-sensitive non-small cell lung carcinoma. *Biomaterials Science*, **2017**, 5, 792-799	7.4	9

147	Construction of biomimetic long-circulation delivery platform encapsulated by zwitterionic polymers for enhanced penetration of blood–brain barrier. *RSC Advances*, **2017**, 7, 20766-20778	3.7	11
146	Hydrogen Peroxide-Responsive Nanoprobe Assists Circulating Tumor Cell Identification and Colorectal Cancer Diagnosis. *Analytical Chemistry*, **2017**, 89, 5966-5975	7.8	23
145	Morphology design and control of polymer particles by regulating the droplet flowing mode in microfluidic chips. *Polymer Chemistry*, **2017**, 8, 2953-2958	4.9	8
144	A smart gene delivery platform: Cationic oligomer. *European Journal of Pharmaceutical Sciences*, **2017**, 105, 33-40	5.1	6
143	"Bottom-up" Construction of Multi-Polyprodrug-Arm Hyperbranched Amphiphiles for Cancer Therapy. *Bioconjugate Chemistry*, **2017**, 28, 1470-1480	6.3	26
142	Emission enhancement of GFP chromophore in aggregated state via combination of self-restricted effect and supramolecular host–guest complexation. *RSC Advances*, **2017**, 7, 17980-17987	3.7	11
141	Color-Convertible, Unimolecular, Micelle-Based, Activatable Fluorescent Probe for Tumor-Specific Detection and Imaging In Vitro and In Vivo. *Small*, **2017**, 13, 1604062	11	20
140	Mustard-inspired delivery shuttle for enhanced blood-brain barrier penetration and effective drug delivery in glioma therapy. *Biomaterials Science*, **2017**, 5, 1041-1050	7.4	18
139	Nanocapsules of therapeutic proteins with enhanced stability and long blood circulation for hyperuricemia management. *Journal of Controlled Release*, **2017**, 255, 54-61	11.7	17
138	Iron Chelation Nanoparticles with Delayed Saturation as an Effective Therapy for Parkinson Disease. *Biomacromolecules*, **2017**, 18, 461-474	6.9	44
137	"Bottom-Up" Construction of Hyperbranched Poly(prodrug-co-photosensitizer) Amphiphiles Unimolecular Micelles for Chemo-Photodynamic Dual Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 36675-36687	9.5	22
136	A Molecular Recognition Approach To Synthesize Nucleoside Analogue Based Multifunctional Nanoparticles for Targeted Cancer Therapy. *Journal of the American Chemical Society*, **2017**, 139, 14021-14024	16.4	55
135	Fluorescent and "breathable" CO2 responsive vesicles inspired from green fluorescent protein. *Polymer Chemistry*, **2017**, 8, 6283-6288	4.9	7
134	Supramolecular cisplatin-vorinostat nanodrug for overcoming drug resistance in cancer synergistic therapy. *Journal of Controlled Release*, **2017**, 266, 36-46	11.7	44
133	Molecular insights for the biological interactions between polyethylene glycol and cells. *Biomaterials*, **2017**, 147, 1-13	15.6	19
132	Self-Assembled Polyprodrug Amphiphile for Subcutaneous Xenograft Tumor Inhibition with Prolonged Acting Time In Vivo. *Macromolecular Bioscience*, **2017**, 17, 1700174	5.5	19
131	Synergistic therapy of chemotherapeutic drugs and MTH1 inhibitors using a pH-sensitive polymeric delivery system for oral squamous cell carcinoma. *Biomaterials Science*, **2017**, 5, 2068-2078	7.4	15
130	Construction of a Supramolecular Drug-Drug Delivery System for Non-Small-Cell Lung Cancer Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 29505-29514	9.5	44

129	Prodrug-embedded angiogenic vessel-targeting nanoparticle: A positive feedback amplifier in hypoxia-induced chemo-photo therapy. *Biomaterials*, **2017**, 144, 188-198	15.6	46
128	DNA Trojan Horses: Self-Assembled Floxuridine-Containing DNA Polyhedra for Cancer Therapy. *Angewandte Chemie - International Edition*, **2017**, 56, 12528-12532	16.4	78
127	Supramolecular block copolymers for gene delivery: enhancement of transfection efficiency by charge regulation. *Chemical Communications*, **2017**, 53, 12782-12785	5.8	8
126	Emission enhancement and application of synthetic green fluorescent protein chromophore analogs. *Materials Chemistry Frontiers*, **2017**, 1, 619-629	7.8	31
125	Micro-/nanofibers prepared via co-assembly of paclitaxel and dextran. *Carbohydrate Polymers*, **2017**, 157, 613-619	10.3	6
124	Synthesis and applications of stimuli-responsive hyperbranched polymers. *Progress in Polymer Science*, **2017**, 64, 114-153	29.6	144
123	Preparation of paclitaxel/chitosan co-assembled core-shell nanofibers for drug-eluting stent. *Applied Surface Science*, **2017**, 393, 299-308	6.7	34
122	Investigation of the Formation Process of PNIPAM-Based Ionic Microgels. *ACS Omega*, **2017**, 2, 8788-8793	3.9	4
121	pH-Responsive Aerobic Nanoparticles for Effective Photodynamic Therapy. *Theranostics*, **2017**, 7, 4537-4550	12.1	51
120	DNA Trojan Horses: Self-Assembled Floxuridine-Containing DNA Polyhedra for Cancer Therapy. *Angewandte Chemie*, **2017**, 129, 12702-12706	3.6	30
119	Matrix Metalloproteinase Responsive Nanoparticles for Synergistic Treatment of Colorectal Cancer via Simultaneous Anti-Angiogenesis and Chemotherapy. *Bioconjugate Chemistry*, **2016**, 27, 2943-2953	6.3	25
118	Self-Restricted Green Fluorescent Protein Chromophore Analogues: Dramatic Emission Enhancement and Remarkable Solvatofluorochromism. *Journal of Physical Chemistry Letters*, **2016**, 7, 2935-44	6.4	19
117	Multi-template synthesis of hierarchically porous carbon spheres with potential application in supercapacitors. *RSC Advances*, **2016**, 6, 111406-111414	3.7	7
116	An Injectable Enzymatically Crosslinked Carboxymethylated Pullulan/Chondroitin Sulfate Hydrogel for Cartilage Tissue Engineering. *Scientific Reports*, **2016**, 6, 20014	4.9	114
115	Combining Two-Photon-Activated Fluorescence Resonance Energy Transfer and Near-Infrared Photothermal Effect of Unimolecular Micelles for Enhanced Photodynamic Therapy. *ACS Nano*, **2016**, 10, 10489-10499	16.7	75
114	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. *Nano Research*, **2016**, 9, 2424-2432	10	45
113	Facile Approach To Construct Ternary Cocktail Nanoparticles for Cancer Combination Therapy. *Bioconjugate Chemistry*, **2016**, 27, 1564-8	6.3	32
112	Real-time self-tracking of an anticancer small molecule nanodrug based on colorful fluorescence variations. *RSC Advances*, **2016**, 6, 12472-12478	3.7	24

111	Rapid formation of highly stretchable and notch-insensitive hydrogels. *RSC Advances*, **2016**, 6, 30570-30576	3.7	9
110	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. *Nano Research*, **2016**, 9, 1022-1031	10	58
109	Designing hyperbranched polymers for gene delivery. *Molecular Systems Design and Engineering*, **2016**, 1, 25-39	4.6	19
108	Dendritic Polymers for Theranostics. *Theranostics*, **2016**, 6, 930-47	12.1	60
107	Cancer Theranostic Nanoparticles Self-Assembled from Amphiphilic Small Molecules with Equilibrium Shift-Induced Renal Clearance. *Theranostics*, **2016**, 6, 1703-16	12.1	35
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