Zhiyuan Zhong

List of Publications by Year in Descending Order

283 papers	23,471 citations	78 h-index	147 g-index
317 ext. papers	25,514 ext. citations	9.1 avg, IF	7.21 L-index

#	Paper	IF	Citations
283	Macrophage-Targeted Hydroxychloroquine Nanotherapeutics for Rheumatoid Arthritis Therapy.. *ACS Applied Materials & Interfaces*, **2022**,	9.5	5
282	Immunotherapy of Malignant Glioma by Noninvasive Administration of TLR9 Agonist CpG Nano-Immunoadjuvant.. *Advanced Science*, **2022**, e2103689	13.6	3
281	Polymersome-mediated cytosolic delivery of cyclic dinucleotide STING agonist enhances tumor immunotherapy.. *Bioactive Materials*, **2022**, 16, 1-11	16.7	3
280	Preparation of Chimeric Polymersomes for Gene Delivery. *Biomaterial Engineering*, **2022**, 309-333	0.3	
279	Biomedical polymers: synthesis, properties, and applications.. *Science China Chemistry*, **2022**, 1-66	7.9	11
278	ApoE-mediated systemic nanodelivery of granzyme B and CpG for enhanced glioma immunotherapy.. *Journal of Controlled Release*, **2022**, 347, 68-77	11.7	1
277	Roadmap to next-generation cancer vaccines.. *Journal of Controlled Release*, **2022**, 347, 308-313	11.7	0
276	Redox-sensitive iodinated polymersomes carrying histone deacetylase inhibitor as a dual-functional nano-radiosensitizer for enhanced radiotherapy of breast cancer. *Drug Delivery*, **2021**, 28, 2301-2309	7	3
275	EGFR-targeted pemetrexed therapy of malignant pleural mesothelioma. *Drug Delivery and Translational Research*, **2021**, 1	6.2	1
274	An intelligent cell-selective polymersome-DM1 nanotoxin toward triple negative breast cancer. *Journal of Controlled Release*, **2021**, 340, 331-341	11.7	3
273	Preparation of Chimeric Polymersomes for Gene Delivery. *Biomaterial Engineering*, **2021**, 1-25	0.3	
272	Micellar paclitaxel boosts ICD and chemo-immunotherapy of metastatic triple negative breast cancer. *Journal of Controlled Release*, **2021**, 341, 498-498	11.7	8
271	Small, Smart, and LDLR-Specific Micelles Augment Sorafenib Therapy of Glioblastoma. *Biomacromolecules*, **2021**, 22, 4814-4822	6.9	0
270	Folate-mediated targeted PLK1 inhibition therapy for ovarian cancer: A comparative study of molecular inhibitors and siRNA therapeutics. *Acta Biomaterialia*, **2021**, 138, 443-443	10.8	4
269	□ntegrin-binding peptide-functionalized polymersomes loaded with volasertib for dually-targeted molecular therapy for ovarian cancer. *Acta Biomaterialia*, **2021**, 124, 348-357	10.8	4
268	Facile fabrication of robust, hyaluronic acid-surfaced and disulfide-crosslinked PLGA nanoparticles for tumor-targeted and reduction-triggered release of docetaxel. *Acta Biomaterialia*, **2021**, 125, 280-289	10.8	6
267	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. *Angewandte Chemie - International Edition*, **2021**, 60, 17629-17637	16.4	8

266	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. *Angewandte Chemie*, **2021**, 133, 17770-17778	3.6	1
265	Toolbox of Biodegradable Dendritic (Poly glycerol sulfate)-SS-poly(ester) Micelles for Cancer Treatment: Stability, Drug Release, and Tumor Targeting. *Biomacromolecules*, **2021**, 22, 2625-2640	6.9	2
264	Doxorubicin Delivered via ApoE-Directed Reduction-Sensitive Polymersomes Potently Inhibit Orthotopic Human Glioblastoma Xenografts in Nude Mice. *International Journal of Nanomedicine*, **2021**, 16, 4105-4115	7.3	4
263	Actively targeted nanomedicines for precision cancer therapy: Concept, construction, challenges and clinical translation. *Journal of Controlled Release*, **2021**, 329, 676-695	11.7	30
262	Brain delivery of Plk1 inhibitor via chimaeric polypeptide polymersomes for safe and superb treatment of orthotopic glioblastoma. *Journal of Controlled Release*, **2021**, 329, 1139-1149	11.7	11
261	SP94 peptide mediating highly specific and efficacious delivery of polymersomal doxorubicin hydrochloride to hepatocellular carcinoma in vivo. *Colloids and Surfaces B: Biointerfaces*, **2021**, 197, 111399	6	3
260	A6 peptide-tagged, ultra-small and reduction-sensitive polymersomal vincristine sulfate as a smart and specific treatment for CD44+ acute myeloid leukemia. *Journal of Controlled Release*, **2021**, 329, 706-716	11.7	3
259	Systemic administration of polymersomal oncolytic peptide LTX-315 combining with CpG adjuvant and anti-PD-1 antibody boosts immunotherapy of melanoma. *Journal of Controlled Release*, **2021**, 336, 262-273	11.7	6
258	Daratumumab Immunopolymersome-Enabled Safe and CD38-Targeted Chemotherapy and Depletion of Multiple Myeloma. *Advanced Materials*, **2021**, 33, e2007787	24	3
257	Polymeric nanomedicines targeting hematological malignancies. *Journal of Controlled Release*, **2021**, 337, 571-588	11.7	4
256	Selective transferrin coating as a facile strategy to fabricate BBB-permeable and targeted vesicles for potent RNAi therapy of brain metastatic breast cancer in vivo. *Journal of Controlled Release*, **2021**, 337, 521-529	11.7	6
255	Immunotherapy and Prevention of Cancer by Nanovaccines Loaded with Whole-Cell Components of Tumor Tissues or Cells. *Advanced Materials*, **2021**, 33, e2104849	24	6
254	Emerging targeted drug delivery strategies toward ovarian cancer. *Advanced Drug Delivery Reviews*, **2021**, 178, 113969	18.5	6
253	Enzyme-responsive micellar JQ1 induces enhanced BET protein inhibition and immunotherapy of malignant tumors. *Biomaterials Science*, **2021**, 9, 6915-6926	7.4	4
252	GE11 peptide-installed chimaeric polymersomes tailor-made for high-efficiency EGFR-targeted protein therapy of orthotopic hepatocellular carcinoma. *Acta Biomaterialia*, **2020**, 113, 512-521	10.8	13
251	Nanoparticles **2020**, 453-483		2
250	Integrin-Targeting Polymersomal Docetaxel as an Advanced Nanotherapeutic for Nonsmall Cell Lung Cancer Treatment. *ACS Applied Materials & Interfaces*, **2020**, 12, 14905-14913	9.5	13
249	CD44-targeted vesicles encapsulating granzyme B as artificial killer cells for potent inhibition of human multiple myeloma in mice. *Journal of Controlled Release*, **2020**, 320, 421-430	11.7	28

248	A6 Peptide-Tagged Core-Disulfide-Cross-Linked Micelles for Targeted Delivery of Proteasome Inhibitor Carfilzomib to Multiple Myeloma In Vivo. *Biomacromolecules*, **2020**, 21, 2049-2059	6.9	12
247	Targeted and Reduction-Sensitive Cross-Linked PLGA Nanotherapeutics for Safer and Enhanced Chemotherapy of Malignant Melanoma. *ACS Biomaterials Science and Engineering*, **2020**, 6, 2621-2629	5.5	3
246	Coating-Sheddable CD44-Targeted Poly(d,l-lactide-co-glycolide) Nanomedicines Fabricated by Using Photoclick-Crosslinkable Surfactant. *Advanced Therapeutics*, **2020**, 3, 1900160	4.9	
245	Transferrin-binding peptide functionalized polymersomes mediate targeted doxorubicin delivery to colorectal cancer in vivo. *Journal of Controlled Release*, **2020**, 319, 407-415	11.7	39
244	Apolipoprotein E Peptide-Guided Disulfide-Cross-Linked Micelles for Targeted Delivery of Sorafenib to Hepatocellular Carcinoma. *Biomacromolecules*, **2020**, 21, 716-724	6.9	10
243	Bioorthogonal supramolecular cell-conjugation for targeted hitchhiking drug delivery. *Materials Today*, **2020**, 40, 9-17	21.8	18
242	Systemic Delivery of NAC-1 siRNA by Neuropilin-Targeted Polymersomes Sensitizes Antiangiogenic Therapy of Metastatic Triple-Negative Breast Cancer. *Biomacromolecules*, **2020**, 21, 5119-5127	6.9	6
241	Dithiolane-Crosslinked Poly(ε-caprolactone)-Based Micelles: Impact of Monomer Sequence, Nature of Monomer, and Reducing Agent on the Dynamic Crosslinking Properties. *Macromolecules*, **2020**, 53, 7009-7024	5.5	4
240	Robust and smart polypeptide-based nanomedicines for targeted tumor therapy. *Advanced Drug Delivery Reviews*, **2020**, 160, 199-211	18.5	18
239	100th Anniversary of Macromolecular Science Viewpoint: Biological Stimuli-Sensitive Polymer Prodrugs and Nanoparticles for Tumor-Specific Drug Delivery. *ACS Macro Letters*, **2020**, 9, 1292-1302	6.6	18
238	CD44-Targeted Multifunctional Nanomedicines Based on a Single-Component Hyaluronic Acid Conjugate with All-Natural Precursors: Construction and Treatment of Metastatic Breast Tumors. *Biomacromolecules*, **2020**, 21, 104-113	6.9	10
237	HER2-Specific Reduction-Sensitive Immunopolymersomes with High Loading of Epirubicin for Targeted Treatment of Ovarian Tumor. *Biomacromolecules*, **2019**, 20, 3855-3863	6.9	7
236	Saporin-loaded CD44 and EGFR dual-targeted nanogels for potent inhibition of metastatic breast cancer in vivo. *International Journal of Pharmaceutics*, **2019**, 560, 57-64	6.5	24
235	Enhanced chemotherapeutic efficacy of the low-dose doxorubicin in breast cancer via nanoparticle delivery system crosslinked hyaluronic acid. *Drug Delivery*, **2019**, 26, 12-22	7	17
234	Selective Cell Penetrating Peptide-Functionalized Envelope-Type Chimeric Lipopepsomes Boost Systemic RNAi Therapy for Lung Tumors. *Advanced Healthcare Materials*, **2019**, 8, e1900500	10.1	25
233	Small, Traceable, Endosome-Disrupting, and Bioresponsive Click Nanogels Fabricated via Microfluidics for CD44-Targeted Cytoplasmic Delivery of Therapeutic Proteins. *ACS Applied Materials & Interfaces*, **2019**, 11, 22171-22180	9.5	33
232	Iodine-Rich Polymersomes Enable Versatile SPECT/CT Imaging and Potent Radioisotope Therapy for Tumor in Vivo. *ACS Applied Materials & Interfaces*, **2019**, 11, 18953-18959	9.5	27
231	Low-toxicity transferrin-guided polymersomal doxorubicin for potent chemotherapy of orthotopic hepatocellular carcinoma in vivo. *Acta Biomaterialia*, **2019**, 92, 196-204	10.8	24

230	cRGD-decorated biodegradable polytyrosine nanoparticles for robust encapsulation and targeted delivery of doxorubicin to colorectal cancer in vivo. *Journal of Controlled Release*, **2019**, 301, 110-118	11.7	46
229	Functionalization of soft materials for cardiac repair and regeneration. *Critical Reviews in Biotechnology*, **2019**, 39, 451-468	9.4	2
228	Molecular Programming of Biodegradable Nanoworms via Ionically Induced Morphology Switch toward Asymmetric Therapeutic Carriers. *Small*, **2019**, 15, e1901849	11	13
227	Oncoprotein Inhibitor Rigosertib Loaded in ApoE-Targeted Smart Polymersomes Reveals High Safety and Potency against Human Glioblastoma in Mice. *Molecular Pharmaceutics*, **2019**, 16, 3711-3719	5.6	19
226	CD44-Specific A6 Short Peptide Boosts Targetability and Anticancer Efficacy of Polymersomal Epirubicin to Orthotopic Human Multiple Myeloma. *Advanced Materials*, **2019**, 31, e1904742	24	30
225	Cyclic RGD-Functionalized and Disulfide-Crosslinked Iodine-Rich Polymersomes as a Robust and Smart Theranostic Agent for Targeted CT Imaging and Chemotherapy of Tumor. *Theranostics*, **2019**, 9, 8061-8072	12.1	20
224	Nanoagents Based on Poly(ethylene glycol)-b-Poly(l-thyroxine) Block Copolypeptide for Enhanced Dual-Modality Imaging and Targeted Tumor Radiotherapy. *Small*, **2019**, 15, e1902577	11	10
223	Cancer Nanomedicines Based on Synthetic Polypeptides. *Biomacromolecules*, **2019**, 20, 4299-4311	6.9	14
222	Reductively cleavable polymer-drug conjugates based on dendritic polyglycerol sulfate and monomethyl auristatin E as anticancer drugs. *Journal of Controlled Release*, **2019**, 300, 13-21	11.7	15
221	Dually Active Targeting Nanomedicines Based on a Direct Conjugate of Two Purely Natural Ligands for Potent Chemotherapy of Ovarian Tumors. *ACS Applied Materials & Interfaces*, **2019**, 11, 46548-46557	8.5	15
220	Efficient and targeted drug/siRNA co-delivery mediated by reversibly crosslinked polymersomes toward anti-inflammatory treatment of ulcerative colitis (UC). *Nano Research*, **2019**, 12, 659-667	10	20
219	Smart Polymersomes Dually Functionalized with cRGD and Fusogenic GALA Peptides Enable Specific and High-Efficiency Cytosolic Delivery of Apoptotic Proteins. *Biomacromolecules*, **2019**, 20, 184-191	6.9	23
218	Polytyrosine nanoparticles enable ultra-high loading of doxorubicin and rapid enzyme-responsive drug release. *Biomaterials Science*, **2018**, 6, 1526-1534	7.4	35
217	Reduction-responsive core-crosslinked hyaluronic acid-b-poly(trimethylene carbonate-co-dithiolane trimethylene carbonate) micelles: synthesis and CD44-mediated potent delivery of docetaxel to triple negative breast tumor in vivo. *Journal of Materials Chemistry B*, **2018**, 6, 3040-3047	7.3	22
216	Lung cancer specific and reduction-responsive chimaeric polymersomes for highly efficient loading of pemetrexed and targeted suppression of lung tumor in vivo. *Acta Biomaterialia*, **2018**, 70, 177-185	10.8	17
215	Lipopepsomes: A novel and robust family of nano-vesicles capable of highly efficient encapsulation and tumor-targeted delivery of doxorubicin hydrochloride in vivo. *Journal of Controlled Release*, **2018**, 272, 107-113	11.7	32
214	Integrated Multifunctional Micelles Co-Self-Assembled from Polypeptides Conjugated with Natural Ferulic Acid and Lipoic Acid for Doxorubicin Delivery. *ChemPhysChem*, **2018**, 19, 2070-2077	3.2	11
213	Hyaluronic Acid-Shelled Disulfide-Cross-Linked Nanopolymersomes for Ultrahigh-Efficiency Reactive Encapsulation and CD44-Targeted Delivery of Mertansine Toxin. *ACS Applied Materials & Interfaces*, **2018**, 10, 1597-1604	9.5	38

212	Selective Cell Penetrating Peptide-Functionalized Polymersomes Mediate Efficient and Targeted Delivery of Methotrexate Disodium to Human Lung Cancer In Vivo. *Advanced Healthcare Materials*, **2018**, 7, e1701135	10.1	32
211	pH-Sensitive Coiled-Coil Peptide-Cross-Linked Hyaluronic Acid Nanogels: Synthesis and Targeted Intracellular Protein Delivery to CD44 Positive Cancer Cells. *Biomacromolecules*, **2018**, 19, 555-562	6.9	58
210	Dual-targeted nanomedicines for enhanced tumor treatment. *Nano Today*, **2018**, 18, 65-85	17.9	54
209	Tailor-Making Fluorescent Hyaluronic Acid Microgels via Combining Microfluidics and Photoclick Chemistry for Sustained and Localized Delivery of Herceptin in Tumors. *ACS Applied Materials & Interfaces*, **2018**, 10, 3929-3937	9.5	19
208	Highly efficacious and specific anti-glioma chemotherapy by tandem nanomicelles co-functionalized with brain tumor-targeting and cell-penetrating peptides. *Journal of Controlled Release*, **2018**, 278, 1-8	11.7	56
207	GE11-Directed Functional Polymersomal Doxorubicin as an Advanced Alternative to Clinical Liposomal Formulation for Ovarian Cancer Treatment. *Molecular Pharmaceutics*, **2018**, 15, 3664-3671	5.6	25
206	Lipoyl Ester Terminated Star PLGA as a Simple and Smart Material for Controlled Drug Delivery Application. *Biomacromolecules*, **2018**, 19, 1368-1373	6.9	17
205	Bioresponsive functional nanogels as an emerging platform for cancer therapy. *Expert Opinion on Drug Delivery*, **2018**, 15, 703-716	8	26
204	Construction of Small-Sized, Robust, and Reduction-Responsive Polypeptide Micelles for High Loading and Targeted Delivery of Chemotherapeutics. *Biomacromolecules*, **2018**, 19, 3586-3593	6.9	28
203	Organocatalytic Ring-Opening Copolymerization of Trimethylene Carbonate and Dithiolane Trimethylene Carbonate: Impact of Organocatalysts on Copolymerization Kinetics and Copolymer Microstructures. *Biomacromolecules*, **2018**, 19, 2294-2301	6.9	21
202	Protein Toxin Chaperoned by LRP-1-Targeted Virus-Mimicking Vesicles Induces High-Efficiency Glioblastoma Therapy In Vivo. *Advanced Materials*, **2018**, 30, e1800316	24	82
201	Targeted chemotherapy for subcutaneous and orthotopic non-small cell lung tumors with cyclic RGD-functionalized and disulfide-crosslinked polymersomal doxorubicin. *Signal Transduction and Targeted Therapy*, **2018**, 3, 32	21	26
200	Cyclic RGD-Peptide-Functionalized Polylipopeptide Micelles for Enhanced Loading and Targeted Delivery of Monomethyl Auristatin E. *Molecular Pharmaceutics*, **2018**, 15, 4854-4861	5.6	11
199	Protein Nanotherapeutics as an Emerging Modality for Cancer Therapy. *Advanced Healthcare Materials*, **2018**, 7, e1800685	10.1	43
198	Small-Sized and Robust Chimaeric Lipopepsomes: A Simple and Functional Platform with High Protein Loading for Targeted Intracellular Delivery of Protein Toxin in Vivo. *Chemistry of Materials*, **2018**, 30, 6831-6838	9.6	27
197	Peptide-decorated polymeric nanomedicines for precision cancer therapy. *Journal of Controlled Release*, **2018**, 290, 11-27	11.7	46
196	Granzyme B-loaded, cell-selective penetrating and reduction-responsive polymersomes effectively inhibit progression of orthotopic human lung tumor in vivo. *Journal of Controlled Release*, **2018**, 290, 141-149	11.7	32
195	Boosting RNAi therapy for orthotopic glioblastoma with nontoxic brain-targeting chimaeric polymersomes. *Journal of Controlled Release*, **2018**, 292, 163-171	11.7	36

194	Apolipoprotein E Peptide-Directed Chimeric Polymersomes Mediate an Ultrahigh-Efficiency Targeted Protein Therapy for Glioblastoma. *ACS Nano*, **2018**, 12, 11070-11079	16.7	81
193	Hyaluronic acid shell and disulfide-crosslinked core micelles for in vivo targeted delivery of bortezomib for the treatment of multiple myeloma. *Acta Biomaterialia*, **2018**, 80, 288-295	10.8	29
192	Adaptive Polymersome and Micelle Morphologies in Anticancer Nanomedicine: From Design Rationale to Fabrication and Proof-of-Concept Studies. *Advanced Therapeutics*, **2018**, 1, 1800068	4.9	11
191	Reduction-sensitive polymeric nanomedicines: An emerging multifunctional platform for targeted cancer therapy. *Advanced Drug Delivery Reviews*, **2018**, 132, 16-32	18.5	67
190	Exogenous vitamin C boosts the antitumor efficacy of paclitaxel containing reduction-sensitive shell-sheddable micelles in vivo. *Journal of Controlled Release*, **2017**, 250, 9-19	11.7	26
189	Robust, Responsive, and Targeted PLGA Anticancer Nanomedicines by Combination of Reductively Cleavable Surfactant and Covalent Hyaluronic Acid Coating. *ACS Applied Materials & Interfaces*, **2017**, 9, 3985-3994	9.5	45
188	Targeted glioma chemotherapy by cyclic RGD peptide-functionalized reversibly core-crosslinked multifunctional poly(ethylene glycol)-b-poly(□caprolactone) micelles. *Acta Biomaterialia*, **2017**, 50, 396-406	10.8	80
187	A Smart Nano-Prodrug Platform with Reactive Drug Loading, Superb Stability, and Fast Responsive Drug Release for Targeted Cancer Therapy. *Macromolecular Bioscience*, **2017**, 17, 1600518	5.5	14
186	Micellar nanoformulation of lipophilized bortezomib: high drug loading, improved tolerability and targeted treatment of triple negative breast cancer. *Journal of Materials Chemistry B*, **2017**, 5, 5658-5667	7.3	16
185	Hyaluronic acid coated PLGA nanoparticulate docetaxel effectively targets and suppresses orthotopic human lung cancer. *Journal of Controlled Release*, **2017**, 259, 76-82	11.7	64
184	ATN-161 Peptide Functionalized Reversibly Cross-Linked Polymersomes Mediate Targeted Doxorubicin Delivery into Melanoma-Bearing C57BL/6 Mice. *Molecular Pharmaceutics*, **2017**, 14, 2538-2547	5.6	34
183	Nanopolymersomes with an Ultrahigh Iodine Content for High-Performance X-Ray Computed Tomography Imaging In Vivo. *Advanced Materials*, **2017**, 29, 1603997	24	48
182	□Integrin-targeted reduction-sensitive micellar mertansine prodrug: Superb drug loading, enhanced stability, and effective inhibition of melanoma growth in vivo. *Journal of Controlled Release*, **2017**, 259, 176-186	11.7	19
181	Bioresponsive Chimaeric Nanopolymersomes Enable Targeted and Efficacious Protein Therapy for Human Lung Cancers in Vivo. *Chemistry of Materials*, **2017**, 29, 8757-8765	9.6	33
180	Targeted inhibition of human hematological cancers in vivo by doxorubicin encapsulated in smart lipoic acid-crosslinked hyaluronic acid nanoparticles. *Drug Delivery*, **2017**, 24, 1482-1490	7	17
179	Methylglyoxal-derived advanced glycation end products contribute to negative cardiac remodeling and dysfunction post-myocardial infarction. *Basic Research in Cardiology*, **2017**, 112, 57	11.8	62
178	cRGD/TAT Dual-Ligand Reversibly Cross-Linked Micelles Loaded with Docetaxel Penetrate Deeply into Tumor Tissue and Show High Antitumor Efficacy in Vivo. *ACS Applied Materials & Interfaces* , **2017**, 9, 35651-35663	9.5	43
177	Virus-Mimicking Chimaeric Polymersomes Boost Targeted Cancer siRNA Therapy In Vivo. *Advanced Materials*, **2017**, 29, 1703285	24	110

176	EGFR-targeted multifunctional polymersomal doxorubicin induces selective and potent suppression of orthotopic human liver cancer in vivo. *Acta Biomaterialia*, **2017**, 64, 323-333	10.8	51
175	Integrin-targeted micellar mertansine prodrug effectively inhibits triple-negative breast cancer in vivo. *International Journal of Nanomedicine*, **2017**, 12, 7913-7921	7.3	18
174	Glutathione-Sensitive Hyaluronic Acid-Mercaptopurine Prodrug Linked via Carbonyl Vinyl Sulfide: A Robust and CD44-Targeted Nanomedicine for Leukemia. *Biomacromolecules*, **2017**, 18, 3207-3214	6.9	35
173	NIR and UV-responsive degradable hyaluronic acid nanogels for CD44-targeted and remotely triggered intracellular doxorubicin delivery. *Colloids and Surfaces B: Biointerfaces*, **2017**, 158, 547-555	6	44
172	Targeted and potent cancer protein therapy using bioresponsive fluorescent click nanogels. *Journal of Controlled Release*, **2017**, 259, e65	11.7	1
171	Reduction-sensitive nanogels based on HA and iodixanol for both tumor-targeted CT imaging and therapy. *Journal of Controlled Release*, **2017**, 259, e169	11.7	1
170	Biodegradable Micelles Based on Poly(ethylene glycol)-b-polylipopeptide Copolymer: A Robust and Versatile Nanoplatform for Anticancer Drug Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 27587-27595	9.5	27
169	EGFR and CD44 Dual-Targeted Multifunctional Hyaluronic Acid Nanogels Boost Protein Delivery to Ovarian and Breast Cancers In Vitro and In Vivo. *ACS Applied Materials & Interfaces*, **2017**, 9, 24140-24147	9.5	78
168	Cyclo(RGD)-Decorated Reduction-Responsive Nanogels Mediate Targeted Chemotherapy of Integrin Overexpressing Human Glioblastoma In Vivo. *Small*, **2017**, 13, 1601997	11	40
167	. *IEEE Transactions on Multimedia*, **2017**, 19, 586-597	6.6	19
166	cRGD-installed docetaxel-loaded mertansine prodrug micelles: redox-triggered ratiometric dual drug release and targeted synergistic treatment of B16F10 melanoma. *Nanotechnology*, **2017**, 28, 295103	3.4	21
165	Robust, active tumor-targeting and fast bioresponsive anticancer nanotherapeutics based on natural endogenous materials. *Acta Biomaterialia*, **2016**, 45, 223-233	10.8	39
164	Robust, tumor-homing and redox-sensitive polymersomal doxorubicin: A superior alternative to Doxil and Caelyx?. *Journal of Controlled Release*, **2016**, 239, 149-58	11.7	75
163	Bioresponsive and fluorescent hyaluronic acid-iodixanol nanogels for targeted X-ray computed tomography imaging and chemotherapy of breast tumors. *Journal of Controlled Release*, **2016**, 244, 229-239	11.7	44
162	Efficient and Targeted Suppression of Human Lung Tumor Xenografts in Mice with Methotrexate Sodium Encapsulated in All-Function-in-One Chimeric Polymersomes. *Advanced Materials*, **2016**, 28, 8234-8239	24	53
161	Multifunctional Click Hyaluronic Acid Nanogels for Targeted Protein Delivery and Effective Cancer Treatment in Vivo. *Chemistry of Materials*, **2016**, 28, 8792-8799	9.6	66
160	Vitamin E-Oligo(methyl diglycol l-glutamate) as a Biocompatible and Functional Surfactant for Facile Preparation of Active Tumor-Targeting PLGA Nanoparticles. *Biomacromolecules*, **2016**, 17, 2367-74	6.9	29
159	Self-crosslinkable and intracellularly decrosslinkable biodegradable micellar nanoparticles: A robust, simple and multifunctional nanoplatform for high-efficiency targeted cancer chemotherapy. *Journal of Controlled Release*, **2016**, 244, 326-335	11.7	68

158	Hyaluronic acid-shelled acid-activatable paclitaxel prodrug micelles effectively target and treat CD44-overexpressing human breast tumor xenografts in vivo. *Biomaterials*, **2016**, 84, 250-261	15.6	218
157	Facile Synthesis of Reductively Degradable Biopolymers Using Cystamine Diisocyanate as a Coupling Agent. *Biomacromolecules*, **2016**, 17, 882-90	6.9	24
156	Preparation of collagen/hydroxyapatite/alendronate hybrid hydrogels as potential scaffolds for bone regeneration. *Colloids and Surfaces B: Biointerfaces*, **2016**, 143, 81-87	6	64
155	cRGD-functionalized reduction-sensitive shell-sheddable biodegradable micelles mediate enhanced doxorubicin delivery to human glioma xenografts in vivo. *Journal of Controlled Release*, **2016**, 233, 29-38	11.7	115
154	Micelles with Sheddable Dendritic Polyglycerol Sulfate Shells Show Extraordinary Tumor Targetability and Chemotherapy in Vivo. *ACS Applied Materials & Interfaces*, **2016**, 8, 27530-27538	9.5	27
153	Glutathione-Sensitive Hyaluronic Acid-SS-Mertansine Prodrug with a High Drug Content: Facile Synthesis and Targeted Breast Tumor Therapy. *Biomacromolecules*, **2016**, 17, 3602-3608	6.9	29
152	Redox-Sensitive and Intrinsically Fluorescent Photoclick Hyaluronic Acid Nanogels for Traceable and Targeted Delivery of Cytochrome c to Breast Tumor in Mice. *ACS Applied Materials & Interfaces*, **2016**, 8, 21155-62	9.5	60
151	Enzymatically and reductively degradable □amino acid-based poly(ester amide)s: synthesis, cell compatibility, and intracellular anticancer drug delivery. *Biomacromolecules*, **2015**, 16, 597-605	6.9	42
150	Micelles Based on Acid Degradable Poly(acetal urethane): Preparation, pH-Sensitivity, and Triggered Intracellular Drug Release. *Biomacromolecules*, **2015**, 16, 2228-36	6.9	83
149	Biocompatible and bioreducible micelles fabricated from novel □amino acid-based poly(disulfide urethane)s: design, synthesis and triggered doxorubicin release. *Polymer Chemistry*, **2015**, 6, 6001-6010	4.9	22
148	. *IEEE Transactions on Multimedia*, **2015**, 17, 1391-1397	6.6	18
147	Reversibly cross-linked polyplexes enable cancer-targeted gene delivery via self-promoted DNA release and self-diminished toxicity. *Biomacromolecules*, **2015**, 16, 1390-400	6.9	60
146	pH-Responsive chimaeric pepsomes based on asymmetric poly(ethylene glycol)-b-poly(l-leucine)-b-poly(l-glutamic acid) triblock copolymer for efficient loading and active intracellular delivery of doxorubicin hydrochloride. *Biomacromolecules*, **2015**, 16, 1322-30	6.9	54
145	Anisamide-Decorated pH-Sensitive Degradable Chimaeric Polymersomes Mediate Potent and Targeted Protein Delivery to Lung Cancer Cells. *Biomacromolecules*, **2015**, 16, 1726-35	6.9	60
144	Reductively degradable □amino acid-based poly(ester amide)-graft-galactose copolymers: facile synthesis, self-assembly, and hepatoma-targeting doxorubicin delivery. *Biomaterials Science*, **2015**, 3, 1134-46	7.4	18
143	Efficacious delivery of protein drugs to prostate cancer cells by PSMA-targeted pH-responsive chimaeric polymersomes. *Journal of Controlled Release*, **2015**, 220, 704-14	11.7	60
142	Targeted hepatoma chemotherapy in vivo using galactose-decorated crosslinked pH-sensitive degradable micelles. *Journal of Controlled Release*, **2015**, 213, e125-6	11.7	7
141	cRGD-Functionalized AuNR-cored PEG-PCL nanoparticles for efficacious glioma chemotherapy. *Journal of Controlled Release*, **2015**, 213, e135	11.7	4

140	Novel reversibly crosslinked chimaeric polypeptide polymersomes for active loading and intracellular release of doxorubicin hydrochloride. *Journal of Controlled Release*, **2015**, 213, e56-7	11.7	
139	Anisamide-functionalized intelligent polymersomes mediate targeted delivery of methotrexate into lung cancer cells. *Journal of Controlled Release*, **2015**, 213, e114	11.7	1
138	Professor Jan Feijen: a pioneer in biomedical polymers and controlled drug release. *Journal of Controlled Release*, **2015**, 205, 3-6	11.7	1
137	Facile construction of dual-bioresponsive biodegradable micelles with superior extracellular stability and activated intracellular drug release. *Journal of Controlled Release*, **2015**, 210, 125-33	11.7	77
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