

Zhiyuan Zhong

List of Publications by Citations

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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	Glutathione-responsive nano-vehicles as a promising platform for targeted intracellular drug and gene delivery. <i>Journal of Controlled Release</i> , 2011 , 152, 2-12	11.7	1043
282	Dual and multi-stimuli responsive polymeric nanoparticles for programmed site-specific drug delivery. <i>Biomaterials</i> , 2013 , 34, 3647-57	15.6	999
281	Stimuli-responsive polymersomes for programmed drug delivery. <i>Biomacromolecules</i> , 2009 , 10, 197-209	6.9	970
280	Reduction-sensitive polymers and bioconjugates for biomedical applications. <i>Biomaterials</i> , 2009 , 30, 2180-98	15.6	953
279	Protein immobilization strategies for protein biochips. <i>Biomacromolecules</i> , 2007 , 8, 1775-89	6.9	716
278	Click hydrogels, microgels and nanogels: emerging platforms for drug delivery and tissue engineering. <i>Biomaterials</i> , 2014 , 35, 4969-85	15.6	521
277	Biodegradable polymeric micelles for targeted and controlled anticancer drug delivery: Promises, progress and prospects. <i>Nano Today</i> , 2012 , 7, 467-480	17.9	493
276	Controlled and stereoselective polymerization of lactide: kinetics, selectivity, and microstructures. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11291-8	16.4	459
275	Biodegradable micelles with sheddable poly(ethylene glycol) shells for triggered intracellular release of doxorubicin. <i>Biomaterials</i> , 2009 , 30, 6358-66	15.6	401
274	Reversibly stabilized multifunctional dextran nanoparticles efficiently deliver doxorubicin into the nuclei of cancer cells. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9914-8	16.4	393
273	pH-Sensitive degradable polymersomes for triggered release of anticancer drugs: a comparative study with micelles. <i>Journal of Controlled Release</i> , 2010 , 142, 40-6	11.7	391
272	[(salen)Al]-Mediated, controlled and stereoselective ring-opening polymerization of lactide in solution and without solvent: synthesis of highly isotactic polylactide stereocopolymers from racemic D,L-lactide. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4510-3	16.4	386
271	Ligand-directed active tumor-targeting polymeric nanoparticles for cancer chemotherapy. <i>Biomacromolecules</i> , 2014 , 15, 1955-69	6.9	379
270	Injectable chitosan-based hydrogels for cartilage tissue engineering. <i>Biomaterials</i> , 2009 , 30, 2544-51	15.6	377
269	Co-delivery of siRNA and paclitaxel into cancer cells by biodegradable cationic micelles based on PDMAEMA-PCL-PDMAEMA triblock copolymers. <i>Biomaterials</i> , 2010 , 31, 2408-16	15.6	367
268	Enzyme-mediated fast in situ formation of hydrogels from dextran-tyramine conjugates. <i>Biomaterials</i> , 2007 , 28, 2791-800	15.6	328
267	Redox and pH-responsive degradable micelles for dually activated intracellular anticancer drug release. <i>Journal of Controlled Release</i> , 2013 , 169, 171-9	11.7	313

266	Shell-sheddable micelles based on dextran-SS-poly(epsilon-caprolactone) diblock copolymer for efficient intracellular release of doxorubicin. <i>Biomacromolecules</i> , 2010 , 11, 848-54	6.9	289
265	Novel bio-reducible poly(amido amine)s for highly efficient gene delivery. <i>Bioconjugate Chemistry</i> , 2007 , 18, 138-45	6.3	256
264	Functional polypeptide and hybrid materials: Precision synthesis via alpha-amino acid N-carboxyanhydride polymerization and emerging biomedical applications. <i>Progress in Polymer Science</i> , 2014 , 39, 330-364	29.6	254
263	Reversibly crosslinked hyaluronic acid nanoparticles for active targeting and intelligent delivery of doxorubicin to drug resistant CD44+ human breast tumor xenografts. <i>Journal of Controlled Release</i> , 2015 , 205, 144-54	11.7	220
262	Hyaluronic acid-shelled acid-activatable paclitaxel prodrug micelles effectively target and treat CD44-overexpressing human breast tumor xenografts in vivo. <i>Biomaterials</i> , 2016 , 84, 250-261	15.6	218
261	A Novel and Versatile Calcium-Based Initiator System for the Ring-Opening Polymerization of Cyclic Esters. <i>Macromolecules</i> , 2001 , 34, 3863-3868	5.5	208
260	Reducible poly(amido ethylenimine)s designed for triggered intracellular gene delivery. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1233-40	6.3	203
259	pH-responsive biodegradable micelles based on acid-labile polycarbonate hydrophobe: synthesis and triggered drug release. <i>Biomacromolecules</i> , 2009 , 10, 1727-35	6.9	201
258	Enzymatic degradation of poly(epsilon-caprolactone)/poly(DL-lactide) blends in phosphate buffer solution. <i>Polymer</i> , 1999 , 40, 2859-2862	3.9	186
257	Intracellular drug release nanosystems. <i>Materials Today</i> , 2012 , 15, 436-442	21.8	185
256	Intracellular release of doxorubicin from core-crosslinked polypeptide micelles triggered by both pH and reduction conditions. <i>Biomaterials</i> , 2013 , 34, 5262-72	15.6	171
255	Reduction-responsive disassemblable core-cross-linked micelles based on poly(ethylene glycol)-b-poly(N-2-hydroxypropyl methacrylamide)-lipoic acid conjugates for triggered intracellular anticancer drug release. <i>Biomacromolecules</i> , 2012 , 13, 2429-38	6.9	168
254	Novel in Situ Forming, Degradable Dextran Hydrogels by Michael Addition Chemistry: Synthesis, Rheology, and Degradation. <i>Macromolecules</i> , 2007 , 40, 1165-1173	5.5	168
253	pH-sensitive degradable chimaeric polymersomes for the intracellular release of doxorubicin hydrochloride. <i>Biomaterials</i> , 2012 , 33, 7291-9	15.6	167
252	Rapidly in situ-forming degradable hydrogels from dextran thiols through Michael addition. <i>Biomacromolecules</i> , 2007 , 8, 1548-56	6.9	167
251	Linear poly(amido amine)s with secondary and tertiary amino groups and variable amounts of disulfide linkages: synthesis and in vitro gene transfer properties. <i>Journal of Controlled Release</i> , 2006 , 116, 130-7	11.7	164
250	alpha-Amino acid containing degradable polymers as functional biomaterials: rational design, synthetic pathway, and biomedical applications. <i>Biomacromolecules</i> , 2011 , 12, 1937-55	6.9	162
249	Reducible poly(amido ethylenimine) directed to enhance RNA interference. <i>Biomaterials</i> , 2007 , 28, 1912-15	5.6	162

248	Chiral salen aluminium ethyl complexes and their application in lactide polymerization. <i>Chemistry - A European Journal</i> , 2009 , 15, 9836-45	4.8	155
247	Reversibly crosslinked temperature-responsive nano-sized polymersomes: synthesis and triggered drug release. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4183		155
246	Versatile Synthesis of Functional Biodegradable Polymers by Combining Ring-Opening Polymerization and Postpolymerization Modification via Michael-Type Addition Reaction. <i>Macromolecules</i> , 2010 , 43, 201-207	5.5	151
245	Bioreducible poly(amido amine)s with oligoamine side chains: synthesis, characterization, and structural effects on gene delivery. <i>Journal of Controlled Release</i> , 2008 , 126, 166-74	11.7	147
244	In-situ formation of biodegradable hydrogels by stereocomplexation of PEG-(PLLA)8 and PEG-(PDLA)8 star block copolymers. <i>Biomacromolecules</i> , 2006 , 7, 2790-5	6.9	147
243	Core-crosslinked pH-sensitive degradable micelles: A promising approach to resolve the extracellular stability versus intracellular drug release dilemma. <i>Journal of Controlled Release</i> , 2012 , 164, 338-45	11.7	146
242	Acetal-linked paclitaxel prodrug micellar nanoparticles as a versatile and potent platform for cancer therapy. <i>Biomacromolecules</i> , 2013 , 14, 2772-80	6.9	143
241	The highly efficient delivery of exogenous proteins into cells mediated by biodegradable chimaeric polymersomes. <i>Biomaterials</i> , 2010 , 31, 7575-85	15.6	143
240	Low molecular weight linear polyethylenimine-b-poly(ethylene glycol)-b-polyethylenimine triblock copolymers: synthesis, characterization, and in vitro gene transfer properties. <i>Biomacromolecules</i> , 2005 , 6, 3440-8	6.9	143
239	Galactose-decorated cross-linked biodegradable poly(ethylene glycol)-b-poly(ϵ -caprolactone) block copolymer micelles for enhanced hepatoma-targeting delivery of paclitaxel. <i>Biomacromolecules</i> , 2011 , 12, 3047-55	6.9	140
238	Bioresponsive polymeric nanotherapeutics for targeted cancer chemotherapy. <i>Nano Today</i> , 2015 , 10, 656-670	17.9	138
237	Endosomal pH-activatable poly(ethylene oxide)-graft-doxorubicin prodrugs: synthesis, drug release, and biodistribution in tumor-bearing mice. <i>Biomacromolecules</i> , 2011 , 12, 1460-7	6.9	138
236	A versatile family of degradable non-viral gene carriers based on hyperbranched poly(ester amine)s. <i>Journal of Controlled Release</i> , 2005 , 109, 317-29	11.7	136
235	Rapidly in situ forming biodegradable robust hydrogels by combining stereocomplexation and photopolymerization. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9918-26	16.4	135
234	pH-sensitive polymeric nanoparticles for tumor-targeting doxorubicin delivery: concept and recent advances. <i>Nanomedicine</i> , 2014 , 9, 487-99	5.6	132
233	Functionalized Poly(ϵ -hydroxy acid)s via Ring-Opening Polymerization: Toward Hydrophilic Polyesters with Pendant Hydroxyl Groups. <i>Macromolecules</i> , 2006 , 39, 3500-3508	5.5	131
232	Polymerization of Lactide Using Achiral Bis(pyrrolidene) Schiff Base Aluminum Complexes. <i>Macromolecules</i> , 2009 , 42, 1058-1066	5.5	126
231	Advanced drug and gene delivery systems based on functional biodegradable polycarbonates and copolymers. <i>Journal of Controlled Release</i> , 2014 , 190, 398-414	11.7	122

230	Reduction and temperature dual-responsive crosslinked polymersomes for targeted intracellular protein delivery. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19013		119
229	Acid-activatable prodrug nanogels for efficient intracellular doxorubicin release. <i>Biomacromolecules</i> , 2011 , 12, 3612-20	6.9	118
228	pH and reduction dual-bioresponsive polymersomes for efficient intracellular protein delivery. <i>Langmuir</i> , 2012 , 28, 2056-65	4	116
227	cRGD-functionalized reduction-sensitive shell-sheddable biodegradable micelles mediate enhanced doxorubicin delivery to human glioma xenografts in vivo. <i>Journal of Controlled Release</i> , 2016 , 233, 29-38	11.7	115
226	Ligand-directed reduction-sensitive shell-sheddable biodegradable micelles actively deliver doxorubicin into the nuclei of target cancer cells. <i>Biomacromolecules</i> , 2013 , 14, 3723-30	6.9	112
225	Virus-Mimicking Chimaeric Polymersomes Boost Targeted Cancer siRNA Therapy In Vivo. <i>Advanced Materials</i> , 2017 , 29, 1703285	24	110
224	Polymersomes Spanning from Nano- to Microscales: Advanced Vehicles for Controlled Drug Delivery and Robust Vesicles for Virus and Cell Mimicking. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1533-1539	6.4	109
223	Gold nanorod-cored biodegradable micelles as a robust and remotely controllable doxorubicin release system for potent inhibition of drug-sensitive and -resistant cancer cells. <i>Biomacromolecules</i> , 2013 , 14, 2411-9	6.9	106
222	In situ forming reduction-sensitive degradable nanogels for facile loading and triggered intracellular release of proteins. <i>Biomacromolecules</i> , 2013 , 14, 1214-22	6.9	101
221	Enzymatically crosslinked dextran-tyramine hydrogels as injectable scaffolds for cartilage tissue engineering. <i>Tissue Engineering - Part A</i> , 2010 , 16, 2429-40	3.9	101
220	[(salen)Al]-Mediated, Controlled and Stereoselective Ring-Opening Polymerization of Lactide in Solution and without Solvent: Synthesis of Highly Isotactic Poly(lactide) Stereocopolymers from Racemic d,l-Lactide. <i>Angewandte Chemie</i> , 2002 , 114, 4692-4695	3.6	96
219	Glyco-nanoparticles with sheddable saccharide shells: a unique and potent platform for hepatoma-targeting delivery of anticancer drugs. <i>Biomacromolecules</i> , 2014 , 15, 900-7	6.9	93
218	Release of model proteins and basic fibroblast growth factor from in situ forming degradable dextran hydrogels. <i>Journal of Controlled Release</i> , 2007 , 122, 71-8	11.7	93
217	Reduction-sensitive reversibly crosslinked biodegradable micelles for triggered release of doxorubicin. <i>Macromolecular Bioscience</i> , 2009 , 9, 1254-61	5.5	90
216	Branched polyethylenimine derivatives with reductively cleavable periphery for safe and efficient in vitro gene transfer. <i>Biomacromolecules</i> , 2011 , 12, 1032-40	6.9	87
215	Injectable biodegradable hybrid hydrogels based on thiolated collagen and oligo(acryloyl carbonate)-poly(ethylene glycol)-oligo(acryloyl carbonate) copolymer for functional cardiac regeneration. <i>Acta Biomaterialia</i> , 2015 , 15, 55-64	10.8	85
214	Functional Poly(ϵ -caprolactone)s via Copolymerization of ϵ -Caprolactone and Pyridyl Disulfide-Containing Cyclic Carbonate: Controlled Synthesis and Facile Access to Reduction-Sensitive Biodegradable Graft Copolymer Micelles. <i>Macromolecules</i> , 2013 , 46, 699-707	5.5	84
213	Micelles Based on Acid Degradable Poly(acetal urethane): Preparation, pH-Sensitivity, and Triggered Intracellular Drug Release. <i>Biomacromolecules</i> , 2015 , 16, 2228-36	6.9	83

212	Calcium methoxide initiated ring-opening polymerization of ϵ -caprolactone and L-lactide. <i>Polymer Bulletin</i> , 2001 , 46, 51-57	2.4	83
211	Protein Toxin Chaperoned by LRP-1-Targeted Virus-Mimicking Vesicles Induces High-Efficiency Glioblastoma Therapy In Vivo. <i>Advanced Materials</i> , 2018 , 30, e1800316	24	82
210	Unprecedented Access to Functional Biodegradable Polymers and Coatings. <i>Macromolecules</i> , 2011 , 44, 6009-6016	5.5	82
209	Apolipoprotein E Peptide-Directed Chimeric Polymersomes Mediate an Ultrahigh-Efficiency Targeted Protein Therapy for Glioblastoma. <i>ACS Nano</i> , 2018 , 12, 11070-11079	16.7	81
208	Targeted glioma chemotherapy by cyclic RGD peptide-functionalized reversibly core-crosslinked multifunctional poly(ethylene glycol)-b-poly(ϵ -caprolactone) micelles. <i>Acta Biomaterialia</i> , 2017 , 50, 396-406	10.8	80
207	Lipoic acid modified low molecular weight polyethylenimine mediates nontoxic and highly potent in vitro gene transfection. <i>Molecular Pharmaceutics</i> , 2011 , 8, 2434-43	5.6	80
206	EGFR and CD44 Dual-Targeted Multifunctional Hyaluronic Acid Nanogels Boost Protein Delivery to Ovarian and Breast Cancers In Vitro and In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 24140-24147	9.5	78
205	Reversibly shielded DNA polyplexes based on bio-reducible PDMAEMA-SS-PEG-SS-PDMAEMA triblock copolymers mediate markedly enhanced nonviral gene transfection. <i>Biomacromolecules</i> , 2012 , 13, 769-78	6.9	78
204	Organocalcium Compounds with Catalytic Activity for the Ring-Opening Polymerization of Lactones. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3432-3439	2.3	78
203	Facile construction of dual-bioresponsive biodegradable micelles with superior extracellular stability and activated intracellular drug release. <i>Journal of Controlled Release</i> , 2015 , 210, 125-33	11.7	77
202	Folate-conjugated crosslinked biodegradable micelles for receptor-mediated delivery of paclitaxel. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5786		77
201	Robust, tumor-homing and redox-sensitive polymersomal doxorubicin: A superior alternative to Doxil and Caelyx?. <i>Journal of Controlled Release</i> , 2016 , 239, 149-58	11.7	75
200	In situ forming hydrogels via catalyst-free and bioorthogonal "tetrazole-alkene" photo-click chemistry. <i>Biomacromolecules</i> , 2013 , 14, 2814-21	6.9	73
199	Self-crosslinkable and intracellularly decrosslinkable biodegradable micellar nanoparticles: A robust, simple and multifunctional nanoplatform for high-efficiency targeted cancer chemotherapy. <i>Journal of Controlled Release</i> , 2016 , 244, 326-335	11.7	68
198	Reduction and pH dual-bioresponsive crosslinked polymersomes for efficient intracellular delivery of proteins and potent induction of cancer cell apoptosis. <i>Acta Biomaterialia</i> , 2014 , 10, 2159-68	10.8	68
197	Timing underpins the benefits associated with injectable collagen biomaterial therapy for the treatment of myocardial infarction. <i>Biomaterials</i> , 2015 , 39, 182-92	15.6	68
196	cRGD-directed, NIR-responsive and robust AuNR/PEG-PCL hybrid nanoparticles for targeted chemotherapy of glioblastoma in vivo. <i>Journal of Controlled Release</i> , 2014 , 195, 63-71	11.7	67
195	Galactose-installed photo-crosslinked pH-sensitive degradable micelles for active targeting chemotherapy of hepatocellular carcinoma in mice. <i>Journal of Controlled Release</i> , 2014 , 193, 154-61	11.7	67

194	From innovative polymers to advanced nanomedicine: key challenges, recent progress and future perspectives: the second Symposium on Innovative Polymers for Controlled Delivery Suzhou, China, 11-14 September 2012. <i>Nanomedicine</i> , 2013 , 8, 177-80	5.6	67
193	Reduction-sensitive polymeric nanomedicines: An emerging multifunctional platform for targeted cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2018 , 132, 16-32	18.5	67
192	Multifunctional Click Hyaluronic Acid Nanogels for Targeted Protein Delivery and Effective Cancer Treatment in Vivo. <i>Chemistry of Materials</i> , 2016 , 28, 8792-8799	9.6	66
191	Non-viral gene transfection in vitro using endosomal pH-sensitive reversibly hydrophobilized polyethylenimine. <i>Biomaterials</i> , 2011 , 32, 9109-19	15.6	66
190	Single-Site Calcium Initiators for the Controlled Ring-Opening Polymerization of Lactides and Lactones. <i>Polymer Bulletin</i> , 2003 , 51, 175-182	2.4	66
189	Crystal Structure and Morphology of Poly(l-lactide-b-d-lactide) Diblock Copolymers. <i>Macromolecules</i> , 2004 , 37, 8641-8646	5.5	66
188	Hyaluronic acid coated PLGA nanoparticulate docetaxel effectively targets and suppresses orthotopic human lung cancer. <i>Journal of Controlled Release</i> , 2017 , 259, 76-82	11.7	64
187	Preparation of collagen/hydroxyapatite/alendronate hybrid hydrogels as potential scaffolds for bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 81-87	6	64
186	Reducible poly(amido ethylenediamine) for hypoxia-inducible VEGF delivery. <i>Journal of Controlled Release</i> , 2007 , 118, 254-61	11.7	64
185	In vitro and in vivo protein delivery from in situ forming poly(ethylene glycol)-poly(lactide) hydrogels. <i>Journal of Controlled Release</i> , 2007 , 119, 320-7	11.7	64
184	Methylglyoxal-derived advanced glycation end products contribute to negative cardiac remodeling and dysfunction post-myocardial infarction. <i>Basic Research in Cardiology</i> , 2017 , 112, 57	11.8	62
183	Precise control of intracellular drug release and anti-tumor activity of biodegradable micellar drugs via reduction-sensitive shell-shedding. <i>Soft Matter</i> , 2012 , 8, 3949	3.6	62
182	Reversibly cross-linked polyplexes enable cancer-targeted gene delivery via self-promoted DNA release and self-diminished toxicity. <i>Biomacromolecules</i> , 2015 , 16, 1390-400	6.9	60
181	Anisamide-Decorated pH-Sensitive Degradable Chimaeric Polymersomes Mediate Potent and Targeted Protein Delivery to Lung Cancer Cells. <i>Biomacromolecules</i> , 2015 , 16, 1726-35	6.9	60
180	Efficacious delivery of protein drugs to prostate cancer cells by PSMA-targeted pH-responsive chimaeric polymersomes. <i>Journal of Controlled Release</i> , 2015 , 220, 704-14	11.7	60
179	Reduction-sensitive degradable micellar nanoparticles as smart and intuitive delivery systems for cancer chemotherapy. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 1109-22	8	60
178	Stereocomplex Mediated Gelation of PEG-(PLA) ₂ and PEG-(PLA) ₈ Block Copolymers. <i>Macromolecular Symposia</i> , 2005 , 224, 119-132	0.8	60
177	Redox-Sensitive and Intrinsically Fluorescent Photoclick Hyaluronic Acid Nanogels for Traceable and Targeted Delivery of Cytochrome c to Breast Tumor in Mice. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21155-62	9.5	60

176	Controlled ring-opening polymerization of ϵ -pentadecalactone with yttrium isopropoxide as an initiator. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1329-1333	2.6	59
175	pH-Sensitive Coiled-Coil Peptide-Cross-Linked Hyaluronic Acid Nanogels: Synthesis and Targeted Intracellular Protein Delivery to CD44 Positive Cancer Cells. <i>Biomacromolecules</i> , 2018 , 19, 555-562	6.9	58
174	Galactose-decorated reduction-sensitive degradable chimaeric polymersomes as a multifunctional nanocarrier to efficiently chaperone apoptotic proteins into hepatoma cells. <i>Biomacromolecules</i> , 2013 , 14, 2873-82	6.9	58
173	Highly efficacious and specific anti-glioma chemotherapy by tandem nanomicelles co-functionalized with brain tumor-targeting and cell-penetrating peptides. <i>Journal of Controlled Release</i> , 2018 , 278, 1-8	11.7	56
172	Synthesis and aqueous phase behavior of thermoresponsive biodegradable poly(D,L-3-methylglycolide)-block-poly(ethylene glycol)-block-poly(D,L-3-methylglycolide) triblock copolymers. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1797-1803	2.6	56
171	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. <i>Biomacromolecules</i> , 2015 , 16, 1322-30	6.9	54
170	Dual-targeted nanomedicines for enhanced tumor treatment. <i>Nano Today</i> , 2018 , 18, 65-85	17.9	54
169	Novel injectable biodegradable glycol chitosan-based hydrogels crosslinked by Michael-type addition reaction with oligo(acryloyl carbonate)-b-poly(ethylene glycol)-b-oligo(acryloyl carbonate) copolymers. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 99, 316-26	5.4	54
168	Efficient and Targeted Suppression of Human Lung Tumor Xenografts in Mice with Methotrexate Sodium Encapsulated in All-Function-in-One Chimeric Polymersomes. <i>Advanced Materials</i> , 2016 , 28, 8234-8239	24.4	53
167	Reduction-responsive polymeric micelles and vesicles for triggered intracellular drug release. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 755-67	8.4	53
166	Random and block copolymers of bioreducible poly(amido amine)s with high- and low-basicity amino groups: study of DNA condensation and buffer capacity on gene transfection. <i>Journal of Controlled Release</i> , 2007 , 123, 67-75	11.7	52
165	EGFR-targeted multifunctional polymersomal doxorubicin induces selective and potent suppression of orthotopic human liver cancer in vivo. <i>Acta Biomaterialia</i> , 2017 , 64, 323-333	10.8	51
164	Fast and Living Ring-Opening Polymerization of L-Lactide Initiated with In-situ Generated Calcium Alkoxides. <i>Journal of Polymers and the Environment</i> , 2001 , 9, 31-38	4.5	49
163	Nanopolymersomes with an Ultrahigh Iodine Content for High-Performance X-Ray Computed Tomography Imaging In Vivo. <i>Advanced Materials</i> , 2017 , 29, 1603997	24	48
162	Cationic methacrylate copolymers containing primary and tertiary amino side groups: Controlled synthesis via RAFT polymerization, DNA condensation, and in vitro gene transfection. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2869-2877	2.5	47
161	cRGD-decorated biodegradable polytyrosine nanoparticles for robust encapsulation and targeted delivery of doxorubicin to colorectal cancer in vivo. <i>Journal of Controlled Release</i> , 2019 , 301, 110-118	11.7	46
160	Peptide-decorated polymeric nanomedicines for precision cancer therapy. <i>Journal of Controlled Release</i> , 2018 , 290, 11-27	11.7	46
159	Robust, Responsive, and Targeted PLGA Anticancer Nanomedicines by Combination of Reductively Cleavable Surfactant and Covalent Hyaluronic Acid Coating. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3985-3994	9.5	45

158	Poly(ethylene oxide) grafted with short polyethylenimine gives DNA polyplexes with superior colloidal stability, low cytotoxicity, and potent in vitro gene transfection under serum conditions. <i>Biomacromolecules</i> , 2012 , 13, 881-8	6.9	45
157	A newly developed chemically crosslinked dextran-poly(ethylene glycol) hydrogel for cartilage tissue engineering. <i>Tissue Engineering - Part A</i> , 2010 , 16, 565-73	3.9	45
156	Bioresponsive and fluorescent hyaluronic acid-iodixanol nanogels for targeted X-ray computed tomography imaging and chemotherapy of breast tumors. <i>Journal of Controlled Release</i> , 2016 , 244, 229-239	11.7	44
155	A Simple and Versatile Synthetic Strategy to Functional Polypeptides via Vinyl Sulfone-Substituted L-Cysteine N-Carboxyanhydride. <i>Macromolecules</i> , 2013 , 46, 6723-6730	5.5	44
154	NIR and UV-responsive degradable hyaluronic acid nanogels for CD44-targeted and remotely triggered intracellular doxorubicin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 547-555	6	44
153	cRGD/TAT Dual-Ligand Reversibly Cross-Linked Micelles Loaded with Docetaxel Penetrate Deeply into Tumor Tissue and Show High Antitumor Efficacy in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 35651-35663	9.5	43
152	Biodegradable poly(ε-caprolactone)-g-poly(2-hydroxyethyl methacrylate) graft copolymer micelles as superior nano-carriers for smart doxorubicin release. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11730		43
151	Protein Nanotherapeutics as an Emerging Modality for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800685	10.1	43
150	Enzymatically and reductively degradable amino acid-based poly(ester amide)s: synthesis, cell compatibility, and intracellular anticancer drug delivery. <i>Biomacromolecules</i> , 2015 , 16, 597-605	6.9	42
149	Biodegradable polymersomes with an ionizable membrane: facile preparation, superior protein loading, and endosomal pH-responsive protein release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 82, 103-11	5.7	41
148	Cyclo(RGD)-Decorated Reduction-Responsive Nanogels Mediate Targeted Chemotherapy of Integrin Overexpressing Human Glioblastoma In Vivo. <i>Small</i> , 2017 , 13, 1601997	11	40
147	Ring-opening polymerization of substituted ε-caprolactones with a chiral (salen) AlO _i Pr complex. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 429-436	2.5	40
146	Robust, active tumor-targeting and fast bioresponsive anticancer nanotherapeutics based on natural endogenous materials. <i>Acta Biomaterialia</i> , 2016 , 45, 223-233	10.8	39
145	Transferrin-binding peptide functionalized polymersomes mediate targeted doxorubicin delivery to colorectal cancer in vivo. <i>Journal of Controlled Release</i> , 2020 , 319, 407-415	11.7	39
144	Hyaluronic Acid-Shelled Disulfide-Cross-Linked Nanopolymersomes for Ultrahigh-Efficiency Reactive Encapsulation and CD44-Targeted Delivery of Mertansine Toxin. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1597-1604	9.5	38
143	Biodegradable glycopolymer-b-poly(ε-caprolactone) block copolymer micelles: versatile construction, tailored lactose functionality, and hepatoma-targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2308-2317	7.3	37
142	Boosting RNAi therapy for orthotopic glioblastoma with nontoxic brain-targeting chimaeric polymersomes. <i>Journal of Controlled Release</i> , 2018 , 292, 163-171	11.7	36
141	Polytyrosine nanoparticles enable ultra-high loading of doxorubicin and rapid enzyme-responsive drug release. <i>Biomaterials Science</i> , 2018 , 6, 1526-1534	7.4	35

140	Glutathione-Sensitive Hyaluronic Acid-Mercaptopurine Prodrug Linked via Carbonyl Vinyl Sulfide: A Robust and CD44-Targeted Nanomedicine for Leukemia. <i>Biomacromolecules</i> , 2017 , 18, 3207-3214	6.9	35
139	ATN-161 Peptide Functionalized Reversibly Cross-Linked Polymersomes Mediate Targeted Doxorubicin Delivery into Melanoma-Bearing C57BL/6 Mice. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2538-2547	5.6	34
138	Bioresponsive Chimaeric Nanopolymersomes Enable Targeted and Efficacious Protein Therapy for Human Lung Cancers in Vivo. <i>Chemistry of Materials</i> , 2017 , 29, 8757-8765	9.6	33
137	Small, Traceable, Endosome-Disrupting, and Bioresponsive Click Nanogels Fabricated via Microfluidics for CD44-Targeted Cytoplasmic Delivery of Therapeutic Proteins. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22171-22180	9.5	33
136	Influence of Catalyst and Polymerization Conditions on the Properties of 1,3-Trimethylene Carbonate and ϵ -Caprolactone Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 747-754	2.6	33
135	Lipopepsomes: A novel and robust family of nano-vesicles capable of highly efficient encapsulation and tumor-targeted delivery of doxorubicin hydrochloride in vivo. <i>Journal of Controlled Release</i> , 2018 , 272, 107-113	11.7	32
134	Selective Cell Penetrating Peptide-Functionalized Polymersomes Mediate Efficient and Targeted Delivery of Methotrexate Disodium to Human Lung Cancer In Vivo. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701135	10.1	32
133	Granzyme B-loaded, cell-selective penetrating and reduction-responsive polymersomes effectively inhibit progression of orthotopic human lung tumor in vivo. <i>Journal of Controlled Release</i> , 2018 , 290, 141-149	11.7	32
132	Reversibly Stabilized Multifunctional Dextran Nanoparticles Efficiently Deliver Doxorubicin into the Nuclei of Cancer Cells. <i>Angewandte Chemie</i> , 2009 , 121, 10098-10102	3.6	31
131	Morphology of a highly asymmetric double crystallizable poly(ϵ -caprolactone- <i>b</i> -ethylene oxide) block copolymer. <i>Journal of Chemical Physics</i> , 2007 , 126, 024904	3.9	31
130	CD44-Specific A6 Short Peptide Boosts Targetability and Anticancer Efficacy of Polymersomal Epirubicin to Orthotopic Human Multiple Myeloma. <i>Advanced Materials</i> , 2019 , 31, e1904742	24	30
129	Actively targeted nanomedicines for precision cancer therapy: Concept, construction, challenges and clinical translation. <i>Journal of Controlled Release</i> , 2021 , 329, 676-695	11.7	30
128	Vitamin E-Oligo(methyl diglycol l-glutamate) as a Biocompatible and Functional Surfactant for Facile Preparation of Active Tumor-Targeting PLGA Nanoparticles. <i>Biomacromolecules</i> , 2016 , 17, 2367-74	6.9	29
127	A novel rare earth coordination catalyst for polymerization of biodegradable aliphatic lactones and lactides. <i>Polymer International</i> , 1998 , 45, 60-66	3.3	29
126	Controlled synthesis of biodegradable lactide polymers and copolymers using novel in situ generated or single-site stereoselective polymerization initiators. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004 , 15, 929-46	3.5	29
125	Glutathione-Sensitive Hyaluronic Acid-SS-Mertansine Prodrug with a High Drug Content: Facile Synthesis and Targeted Breast Tumor Therapy. <i>Biomacromolecules</i> , 2016 , 17, 3602-3608	6.9	29
124	Hyaluronic acid shell and disulfide-crosslinked core micelles for in vivo targeted delivery of bortezomib for the treatment of multiple myeloma. <i>Acta Biomaterialia</i> , 2018 , 80, 288-295	10.8	29
123	CD44-targeted vesicles encapsulating granzyme B as artificial killer cells for potent inhibition of human multiple myeloma in mice. <i>Journal of Controlled Release</i> , 2020 , 320, 421-430	11.7	28

122	Construction of Small-Sized, Robust, and Reduction-Responsive Polypeptide Micelles for High Loading and Targeted Delivery of Chemotherapeutics. <i>Biomacromolecules</i> , 2018 , 19, 3586-3593	6.9	28
121	Iodine-Rich Polymersomes Enable Versatile SPECT/CT Imaging and Potent Radioisotope Therapy for Tumor in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18953-18959	9.5	27
120	Biodegradable Micelles Based on Poly(ethylene glycol)-b-polylipopeptide Copolymer: A Robust and Versatile NanoplatforM for Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27587-27595	9.5	27
119	Micelles with Sheddable Dendritic Polyglycerol Sulfate Shells Show Extraordinary Tumor Targetability and Chemotherapy in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27530-27538	9.5	27
118	Small-Sized and Robust Chimaeric Lipopepsomes: A Simple and Functional Platform with High Protein Loading for Targeted Intracellular Delivery of Protein Toxin in Vivo. <i>Chemistry of Materials</i> , 2018 , 30, 6831-6838	9.6	27
117	Exogenous vitamin C boosts the antitumor efficacy of paclitaxel containing reduction-sensitive shell-sheddable micelles in vivo. <i>Journal of Controlled Release</i> , 2017 , 250, 9-19	11.7	26
116	Bioresponsive functional nanogels as an emerging platform for cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2018 , 15, 703-716	8	26
115	Stretch-Induced Crystallization through Single Molecular Force Generating Mechanism. <i>Macromolecules</i> , 2011 , 44, 5878-5882	5.5	26
114	Targeted chemotherapy for subcutaneous and orthotopic non-small cell lung tumors with cyclic RGD-functionalized and disulfide-crosslinked polymersomal doxorubicin. <i>Signal Transduction and Targeted Therapy</i> , 2018 , 3, 32	21	26
113	Selective Cell Penetrating Peptide-Functionalized Envelope-Type Chimeric Lipopepsomes Boost Systemic RNAi Therapy for Lung Tumors. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900500	10.1	25
112	GE11-Directed Functional Polymersomal Doxorubicin as an Advanced Alternative to Clinical Liposomal Formulation for Ovarian Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3664-3671	5.6	25
111	Saporin-loaded CD44 and EGFR dual-targeted nanogels for potent inhibition of metastatic breast cancer in vivo. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 57-64	6.5	24
110	Low-toxicity transferrin-guided polymersomal doxorubicin for potent chemotherapy of orthotopic hepatocellular carcinoma in vivo. <i>Acta Biomaterialia</i> , 2019 , 92, 196-204	10.8	24
109	Facile Synthesis of Reductively Degradable Biopolymers Using Cystamine Diisocyanate as a Coupling Agent. <i>Biomacromolecules</i> , 2016 , 17, 882-90	6.9	24
108	Smart Polymersomes Dually Functionalized with cRGD and Fusogenic GALA Peptides Enable Specific and High-Efficiency Cytosolic Delivery of Apoptotic Proteins. <i>Biomacromolecules</i> , 2019 , 20, 184-191	6.9	23
107	Biocompatible and bioreducible micelles fabricated from novel amino acid-based poly(disulfide urethane)s: design, synthesis and triggered doxorubicin release. <i>Polymer Chemistry</i> , 2015 , 6, 6001-6010	4.9	22
106	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. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3040-3047	7.3	22
105	Synthesis and characterization of poly(ϵ -caprolactone)-b-poly(L-lactide) diblock copolymers with an organic amino calcium catalyst. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 2654-2660	2.9	22

104	Organocatalytic Ring-Opening Copolymerization of Trimethylene Carbonate and Dithiolane Trimethylene Carbonate: Impact of Organocatalysts on Copolymerization Kinetics and Copolymer Microstructures. <i>Biomacromolecules</i> , 2018 , 19, 2294-2301	6.9	21
103	Kristallstrukturen und spektroskopische Eigenschaften von 2 β -Phospha-1, 3-dionaten und 1, 3-Dionaten des Calciums - ein Vergleich am Beispiel der 1, 3-Diphenyl- und 1, 3-Di(tert-butyl)-Derivate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 2605-2621	1.3	21
102	cRGD-installed docetaxel-loaded mertansine prodrug micelles: redox-triggered ratiometric dual drug release and targeted synergistic treatment of B16F10 melanoma. <i>Nanotechnology</i> , 2017 , 28, 295103	3.4	21
101	Cyclic RGD-Functionalized and Disulfide-Crosslinked Iodine-Rich Polymersomes as a Robust and Smart Theranostic Agent for Targeted CT Imaging and Chemotherapy of Tumor. <i>Theranostics</i> , 2019 , 9, 8061-8072	12.1	20
100	Efficient and targeted drug/siRNA co-delivery mediated by reversibly crosslinked polymersomes toward anti-inflammatory treatment of ulcerative colitis (UC). <i>Nano Research</i> , 2019 , 12, 659-667	10	20
99	Integrin-targeted reduction-sensitive micellar mertansine prodrug: Superb drug loading, enhanced stability, and effective inhibition of melanoma growth in vivo. <i>Journal of Controlled Release</i> , 2017 , 259, 176-186	11.7	19
98	Tailor-Making Fluorescent Hyaluronic Acid Microgels via Combining Microfluidics and Photoclick Chemistry for Sustained and Localized Delivery of Herceptin in Tumors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3929-3937	9.5	19
97	Oncoprotein Inhibitor Rigosertib Loaded in ApoE-Targeted Smart Polymersomes Reveals High Safety and Potency against Human Glioblastoma in Mice. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3711-3719	5.6	19
96	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 586-597	6.6	19
95	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1391-1397	6.6	18
94	Reductively degradable amino acid-based poly(ester amide)-graft-galactose copolymers: facile synthesis, self-assembly, and hepatoma-targeting doxorubicin delivery. <i>Biomaterials Science</i> , 2015 , 3, 1134-46	7.4	18
93	Integrin-targeted micellar mertansine prodrug effectively inhibits triple-negative breast cancer in vivo. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7913-7921	7.3	18
92	Controlled Synthesis of L-Lactide-b- ϵ -Caprolactone Block Copolymers Using a Rare Earth Complex as Catalyst. <i>Polymer Journal</i> , 1999 , 31, 633-636	2.7	18
91	Bioorthogonal supramolecular cell-conjugation for targeted hitchhiking drug delivery. <i>Materials Today</i> , 2020 , 40, 9-17	21.8	18
90	Robust and smart polypeptide-based nanomedicines for targeted tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020 , 160, 199-211	18.5	18
89	100th Anniversary of Macromolecular Science Viewpoint: Biological Stimuli-Sensitive Polymer Prodrugs and Nanoparticles for Tumor-Specific Drug Delivery. <i>ACS Macro Letters</i> , 2020 , 9, 1292-1302	6.6	18
88	Targeted inhibition of human hematological cancers in vivo by doxorubicin encapsulated in smart lipic acid-crosslinked hyaluronic acid nanoparticles. <i>Drug Delivery</i> , 2017 , 24, 1482-1490	7	17
87	Enhanced chemotherapeutic efficacy of the low-dose doxorubicin in breast cancer via nanoparticle delivery system crosslinked hyaluronic acid. <i>Drug Delivery</i> , 2019 , 26, 12-22	7	17

86	Lung cancer specific and reduction-responsive chimaeric polymersomes for highly efficient loading of pemetrexed and targeted suppression of lung tumor in vivo. <i>Acta Biomaterialia</i> , 2018 , 70, 177-185	10.8	17
85	Lipoyl Ester Terminated Star PLGA as a Simple and Smart Material for Controlled Drug Delivery Application. <i>Biomacromolecules</i> , 2018 , 19, 1368-1373	6.9	17
84	Micellar nanoformulation of lipophilized bortezomib: high drug loading, improved tolerability and targeted treatment of triple negative breast cancer. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5658-5667	7.3	16
83	PEG-PLLA and PEG-PDLA multiblock copolymers: synthesis and in situ hydrogel formation by stereocomplexation. <i>Journal of Controlled Release</i> , 2006 , 116, e17-9	11.7	16
82	pH-sensitive degradable hydrophobe modified 1.8 kDa branched polyethylenimine as artificial viruses for safe and efficient intracellular gene transfection. <i>Macromolecular Research</i> , 2012 , 20, 327-334	1.9	15
81	Reductively cleavable polymer-drug conjugates based on dendritic polyglycerol sulfate and monomethyl auristatin E as anticancer drugs. <i>Journal of Controlled Release</i> , 2019 , 300, 13-21	11.7	15
80	Dually Active Targeting Nanomedicines Based on a Direct Conjugate of Two Purely Natural Ligands for Potent Chemotherapy of Ovarian Tumors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46548-46557	9.5	15
79	A Smart Nano-Prodrug Platform with Reactive Drug Loading, Superb Stability, and Fast Responsive Drug Release for Targeted Cancer Therapy. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600518	5.5	14
78	Cancer Nanomedicines Based on Synthetic Polypeptides. <i>Biomacromolecules</i> , 2019 , 20, 4299-4311	6.9	14
77	GE11 peptide-installed chimaeric polymersomes tailor-made for high-efficiency EGFR-targeted protein therapy of orthotopic hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2020 , 113, 512-521	10.8	13
76	Integrin-Targeting Polymersomal Docetaxel as an Advanced Nanotherapeutic for Nonsmall Cell Lung Cancer Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14905-14913	9.5	13
75	Molecular Programming of Biodegradable Nanoworms via Ionically Induced Morphology Switch toward Asymmetric Therapeutic Carriers. <i>Small</i> , 2019 , 15, e1901849	11	13
74	A6 Peptide-Tagged Core-Disulfide-Cross-Linked Micelles for Targeted Delivery of Proteasome Inhibitor Carfilzomib to Multiple Myeloma In Vivo. <i>Biomacromolecules</i> , 2020 , 21, 2049-2059	6.9	12
73	Integrated Multifunctional Micelles Co-Self-Assembled from Polypeptides Conjugated with Natural Ferulic Acid and Lipoic Acid for Doxorubicin Delivery. <i>ChemPhysChem</i> , 2018 , 19, 2070-2077	3.2	11
72	Dual bio-responsive gene delivery via reducible poly(amido amine) and survivin-inducible plasmid DNA. <i>Biotechnology Letters</i> , 2010 , 32, 755-64	3	11
71	Brain delivery of Plk1 inhibitor via chimaeric polypeptide polymersomes for safe and superb treatment of orthotopic glioblastoma. <i>Journal of Controlled Release</i> , 2021 , 329, 1139-1149	11.7	11
70	Cyclic RGD-Peptide-Functionalized Polylipopeptide Micelles for Enhanced Loading and Targeted Delivery of Monomethyl Auristatin E. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4854-4861	5.6	11
69	Adaptive Polymersome and Micelle Morphologies in Anticancer Nanomedicine: From Design Rationale to Fabrication and Proof-of-Concept Studies. <i>Advanced Therapeutics</i> , 2018 , 1, 1800068	4.9	11

68	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , 2022 , 1-66	7.9	11
67	Nanoagents Based on Poly(ethylene glycol)-b-Poly(l-thyroxine) Block Copolypeptide for Enhanced Dual-Modality Imaging and Targeted Tumor Radiotherapy. <i>Small</i> , 2019 , 15, e1902577	11	10
66	The First Symposium on Innovative Polymers for Controlled Delivery, September 14-17, 2010, Suzhou, China. <i>Journal of Controlled Release</i> , 2011 , 152, 1	11.7	10
65	Protein release from injectable stereocomplexed hydrogels based on PEG-PDLA and PEG-PLLA star block copolymers. <i>Journal of Controlled Release</i> , 2006 , 116, e19-21	11.7	10
64	Apolipoprotein E Peptide-Guided Disulfide-Cross-Linked Micelles for Targeted Delivery of Sorafenib to Hepatocellular Carcinoma. <i>Biomacromolecules</i> , 2020 , 21, 716-724	6.9	10
63	CD44-Targeted Multifunctional Nanomedicines Based on a Single-Component Hyaluronic Acid Conjugate with All-Natural Precursors: Construction and Treatment of Metastatic Breast Tumors. <i>Biomacromolecules</i> , 2020 , 21, 104-113	6.9	10
62	Water-soluble cationic poly(ferrocenylsilane): an efficient DNA condensation and transfection agent. <i>Journal of Controlled Release</i> , 2006 , 116, e81-3	11.7	9
61	Water soluble poly(histamine acrylamide) with superior buffer capacity mediates efficient and nontoxic in vitro gene transfection. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3366-3373	2.5	8
60	Micellar paclitaxel boosts ICD and chemo-immunotherapy of metastatic triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021 , 341, 498-498	11.7	8
59	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17629-17637	16.4	8
58	HER2-Specific Reduction-Sensitive Immunopolymersomes with High Loading of Epirubicin for Targeted Treatment of Ovarian Tumor. <i>Biomacromolecules</i> , 2019 , 20, 3855-3863	6.9	7
57	Targeted hepatoma chemotherapy in vivo using galactose-decorated crosslinked pH-sensitive degradable micelles. <i>Journal of Controlled Release</i> , 2015 , 213, e125-6	11.7	7
56	Poly(ferrocenylsilane)-block-Polylactide Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 2125-2130	4.8	7
55	Chimaeric polymersomes based on poly(ethylene glycol)-b-poly(L-leucine)-b-poly(L-glutamic acid) for efficient delivery of doxorubicin hydrochloride into drug-resistant cancer cells. <i>Journal of Controlled Release</i> , 2015 , 213, e87-8	11.7	6
54	Controlled surface-initiated ring-opening polymerization of L-lactide from risedronate-anchored hydroxyapatite nanocrystals: Novel synthesis of biodegradable hydroxyapatite/poly(L-lactide) nanocomposites. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4379-4386	2.5	6
53	Systemic Delivery of NAC-1 siRNA by Neuropilin-Targeted Polymersomes Sensitizes Antiangiogenic Therapy of Metastatic Triple-Negative Breast Cancer. <i>Biomacromolecules</i> , 2020 , 21, 5119-5127	6.9	6
52	Facile fabrication of robust, hyaluronic acid-surfaced and disulfide-crosslinked PLGA nanoparticles for tumor-targeted and reduction-triggered release of docetaxel. <i>Acta Biomaterialia</i> , 2021 , 125, 280-289 ^{10.8}		6
51	Systemic administration of polymersomal oncolytic peptide LTX-315 combining with CpG adjuvant and anti-PD-1 antibody boosts immunotherapy of melanoma. <i>Journal of Controlled Release</i> , 2021 , 336, 262-273	11.7	6

50	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. <i>Journal of Controlled Release</i> , 2021 , 337, 521-529	11.7	6
49	Immunotherapy and Prevention of Cancer by Nanovaccines Loaded with Whole-Cell Components of Tumor Tissues or Cells. <i>Advanced Materials</i> , 2021 , 33, e2104849	24	6
48	Emerging targeted drug delivery strategies toward ovarian cancer. <i>Advanced Drug Delivery Reviews</i> , 2021 , 178, 113969	18.5	6
47	Reduction-responsive cationic biodegradable micelles based on PDMAEMA-SS-PCL-SS-PDMAEMA triblock copolymers for gene delivery. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e188-90	11.7	5
46	Macrophage-Targeted Hydroxychloroquine Nanotherapeutics for Rheumatoid Arthritis Therapy.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	5
45	cRGD-Functionalized AuNR-cored PEG-PCL nanoparticles for efficacious glioma chemotherapy. <i>Journal of Controlled Release</i> , 2015 , 213, e135	11.7	4
44	Disulfide-containing poly(beta-amino ester)s for gene delivery. <i>Journal of Controlled Release</i> , 2006 , 116, e79-81	11.7	4
43	Determination of the Stereoselectivity Factor for an Asymmetric Enantiomer-Differentiating Polymerization: A Revisit. <i>Macromolecules</i> , 2003 , 36, 8198-8200	5.5	4
42	Folate-mediated targeted PLK1 inhibition therapy for ovarian cancer: A comparative study of molecular inhibitors and siRNA therapeutics. <i>Acta Biomaterialia</i> , 2021 , 138, 443-443	10.8	4
41	Stereocomplexed PEG-PLA Hydrogels 2009 , 53-65		4
40	Dithiolane-Crosslinked Poly(ε-caprolactone)-Based Micelles: Impact of Monomer Sequence, Nature of Monomer, and Reducing Agent on the Dynamic Crosslinking Properties. <i>Macromolecules</i> , 2020 , 53, 7009-7024	5.5	4
39	Integrin-binding peptide-functionalized polymersomes loaded with volasertib for dually-targeted molecular therapy for ovarian cancer. <i>Acta Biomaterialia</i> , 2021 , 124, 348-357	10.8	4
38	Doxorubicin Delivered via ApoE-Directed Reduction-Sensitive Polymersomes Potently Inhibit Orthotopic Human Glioblastoma Xenografts in Nude Mice. <i>International Journal of Nanomedicine</i> , 2021 , 16, 4105-4115	7.3	4
37	Polymeric nanomedicines targeting hematological malignancies. <i>Journal of Controlled Release</i> , 2021 , 337, 571-588	11.7	4
36	Enzyme-responsive micellar JQ1 induces enhanced BET protein inhibition and immunotherapy of malignant tumors. <i>Biomaterials Science</i> , 2021 , 9, 6915-6926	7.4	4
35	Redox-sensitive iodinated polymersomes carrying histone deacetylase inhibitor as a dual-functional nano-radiosensitizer for enhanced radiotherapy of breast cancer. <i>Drug Delivery</i> , 2021 , 28, 2301-2309	7	3
34	An intelligent cell-selective polymersome-DM1 nanotoxin toward triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021 , 340, 331-341	11.7	3
33	Targeted and Reduction-Sensitive Cross-Linked PLGA Nanotherapeutics for Safer and Enhanced Chemotherapy of Malignant Melanoma. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2621-2629	5.5	3

32	SP94 peptide mediating highly specific and efficacious delivery of polymersomal doxorubicin hydrochloride to hepatocellular carcinoma in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 197, 1113-1119	6.9	3
31	A6 peptide-tagged, ultra-small and reduction-sensitive polymersomal vincristine sulfate as a smart and specific treatment for CD44+ acute myeloid leukemia. <i>Journal of Controlled Release</i> , 2021 , 329, 706-716	11.7	3
30	Daratumumab Immunopolymersome-Enabled Safe and CD38-Targeted Chemotherapy and Depletion of Multiple Myeloma. <i>Advanced Materials</i> , 2021 , 33, e2007787	24	3
29	Immunotherapy of Malignant Glioma by Noninvasive Administration of TLR9 Agonist CpG Nano-Immuno-Adjuvant.. <i>Advanced Science</i> , 2022 , e2103689	13.6	3
28	Polymersome-mediated cytosolic delivery of cyclic dinucleotide STING agonist enhances tumor immunotherapy.. <i>Bioactive Materials</i> , 2022 , 16, 1-11	16.7	3
27	Functionalization of soft materials for cardiac repair and regeneration. <i>Critical Reviews in Biotechnology</i> , 2019 , 39, 451-468	9.4	2
26	Nanoparticles 2020 , 453-483		2
25	CHAPTER 8:Reduction-sensitive Nanosystems for Active Intracellular Drug Delivery. <i>RSC Smart Materials</i> , 2013 , 208-231	0.6	2
24	Reversibly crosslinked poly(vinyl alcohol) nanoparticles for triggered release of doxorubicin. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e54-5	11.7	2
23	Toolbox of Biodegradable Dendritic (Poly glycerol sulfate)-SS-poly(ester) Micelles for Cancer Treatment: Stability, Drug Release, and Tumor Targeting. <i>Biomacromolecules</i> , 2021 , 22, 2625-2640	6.9	2
22	Targeted and potent cancer protein therapy using bioresponsive fluorescent click nanogels. <i>Journal of Controlled Release</i> , 2017 , 259, e65	11.7	1
21	Reduction-sensitive nanogels based on HA and iodixanol for both tumor-targeted CT imaging and therapy. <i>Journal of Controlled Release</i> , 2017 , 259, e169	11.7	1
20	Anisamide-functionalized intelligent polymersomes mediate targeted delivery of methotrexate into lung cancer cells. <i>Journal of Controlled Release</i> , 2015 , 213, e114	11.7	1
19	Professor Jan Feijen: a pioneer in biomedical polymers and controlled drug release. <i>Journal of Controlled Release</i> , 2015 , 205, 3-6	11.7	1
18	Poly(ethylene oxide)-graft-methotrexate Macromolecular Drugs Conjugating via Aminopteridine Ring Exhibit Potent Anticancer Activity. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 57-65	4.9	1
17	Biodegradable chimaeric polymersomes mediate highly efficient delivery of exogenous proteins into cells. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e136-7	11.7	1
16	Poly(ethylene oxide) grafted with low molecular weight polyethylenimines for non-viral gene transfer. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e186-7	11.7	1
15	Rapidly pH-responsive degradable polymersomes for triggered release of hydrophilic and hydrophobic anticancer drugs. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e7-9	11.7	1

14	Reduction-responsive shell-sheddable biodegradable micelles for intracellular doxorubicin delivery. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e84-5	11.7	1
13	EGFR-targeted pemetrexed therapy of malignant pleural mesothelioma. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	1
12	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 17770-17778	3.6	1
11	ApoE-mediated systemic nanodelivery of granzyme B and CpG for enhanced glioma immunotherapy.. <i>Journal of Controlled Release</i> , 2022 , 347, 68-77	11.7	1
10	Small, Smart, and LDLR-Specific Micelles Augment Sorafenib Therapy of Glioblastoma. <i>Biomacromolecules</i> , 2021 , 22, 4814-4822	6.9	0
9	Roadmap to next-generation cancer vaccines.. <i>Journal of Controlled Release</i> , 2022 , 347, 308-313	11.7	0
8	Novel reversibly crosslinked chimaeric polypeptide polymersomes for active loading and intracellular release of doxorubicin hydrochloride. <i>Journal of Controlled Release</i> , 2015 , 213, e56-7	11.7	
7	Photo-crosslinked biodegradable micelles for paclitaxel release. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e105-6	11.7	
6	Rapidly photo-crosslinked functional biodegradable hydrogels. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e242-3	11.7	
5	Preparation of Chimeric Polymersomes for Gene Delivery. <i>Biomaterial Engineering</i> , 2021 , 1-25	0.3	
4	Chapter 6:Functional Polymersomes for Controlled Drug Delivery. <i>RSC Polymer Chemistry Series</i> , 2013 , 144-157	1.3	
3	DESIGN AND SYNTHESIS OF RAPIDLY PHOTO-CROSSLINKABLE BIOACTIVE BIODEGRADABLE HYDROGELS. <i>Acta Polymerica Sinica</i> , 2013 , 013, 695-704		
2	Coating-Sheddable CD44-Targeted Poly(d,l-lactide-co-glycolide) Nanomedicines Fabricated by Using Photoclick-Crosslinkable Surfactant. <i>Advanced Therapeutics</i> , 2020 , 3, 1900160	4.9	
1	Preparation of Chimeric Polymersomes for Gene Delivery. <i>Biomaterial Engineering</i> , 2022 , 309-333	0.3	