Fenghua Meng

List of Publications by Year
in descending order

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172 papers	18,769 citations	11608 70 h-index	11899 134 g-index
178 all docs	178 docs citations	178 times ranked	15981 citing authors

#	Article	IF	Citations
1	Glutathione-responsive nano-vehicles as a promising platform for targeted intracellular drug and gene delivery. Journal of Controlled Release, 2011, 152, 2-12.	4.8	1,187
2	Dual and multi-stimuli responsive polymeric nanoparticles for programmed site-specific drug delivery. Biomaterials, 2013, 34, 3647-3657.	5.7	1,155
3	Reduction-sensitive polymers and bioconjugates for biomedical applications. Biomaterials, 2009, 30, 2180-2198.	5.7	1,045
4	Stimuli-Responsive Polymersomes for Programmed Drug Delivery. Biomacromolecules, 2009, 10, 197-209.	2.6	1,037
5	Biodegradable polymeric micelles for targeted and controlled anticancer drug delivery: Promises, progress and prospects. Nano Today, 2012, 7, 467-480.	6.2	530
6	Ligand-Directed Active Tumor-Targeting Polymeric Nanoparticles for Cancer Chemotherapy. Biomacromolecules, 2014, 15, 1955-1969.	2.6	447
7	pH-Sensitive degradable polymersomes for triggered release of anticancer drugs: A comparative study with micelles. Journal of Controlled Release, 2010, 142, 40-46.	4.8	430
8	Reversibly Stabilized Multifunctional Dextran Nanoparticles Efficiently Deliver Doxorubicin into the Nuclei of Cancer Cells. Angewandte Chemie - International Edition, 2009, 48, 9914-9918.	7.2	419
9	Biodegradable micelles with sheddable poly(ethylene glycol) shells for triggered intracellular release of doxorubicin. Biomaterials, 2009, 30, 6358-6366.	5.7	414
10	Co-delivery of siRNA and paclitaxel into cancer cells by biodegradable cationic micelles based on PDMAEMAâ€“PCLâ€“PDMAEMA triblock copolymers. Biomaterials, 2010, 31, 2408-2416.	5.7	402
11	Redox and pH-responsive degradable micelles for dually activated intracellular anticancer drug release. Journal of Controlled Release, 2013, 169, 171-179.	4.8	336
12	Functional polypeptide and hybrid materials: Precision synthesis via Î±-amino acid N-carboxyanhydride polymerization and emerging biomedical applications. Progress in Polymer Science, 2014, 39, 330-364.	11.8	310
13	Shell-Sheddable Micelles Based on Dextran-SS-Poly(Îµ-caprolactone) Diblock Copolymer for Efficient Intracellular Release of Doxorubicin. Biomacromolecules, 2010, 11, 848-854.	2.6	303
14	Hyaluronic acid-shelled acid-activatable paclitaxel prodrug micelles effectively target and treat CD44-overexpressing human breast tumor xenografts inÂvivo. Biomaterials, 2016, 84, 250-261.	5.7	257
15	Reversibly crosslinked hyaluronic acid nanoparticles for active targeting and intelligent delivery of doxorubicin to drug resistant CD44+ human breast tumor xenografts. Journal of Controlled Release, 2015, 205, 144-154.	4.8	250
16	Biodegradable Polymersomes. Macromolecules, 2003, 36, 3004-3006.	2.2	221
17	Biodegradable polymersomes as a basis for artificial cells: encapsulation, release and targeting. Journal of Controlled Release, 2005, 101, 187-198.	4.8	218
18	pH-Responsive Biodegradable Micelles Based on Acid-Labile Polycarbonate Hydrophobe: Synthesis and Triggered Drug Release. Biomacromolecules, 2009, 10, 1727-1735.	2.6	217

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19	Intracellular drug release nanosystems. Materials Today, 2012, 15, 436-442.	8.3	216
20	pH-sensitive degradable chimaeric polymersomes for the intracellular release of doxorubicin hydrochloride. Biomaterials, 2012, 33, 7291-7299.	5.7	184
21	Î±-Amino Acid Containing Degradable Polymers as Functional Biomaterials: Rational Design, Synthetic Pathway, and Biomedical Applications. Biomacromolecules, 2011, 12, 1937-1955.	2.6	182
22	Intracellular release of doxorubicin from core-crosslinked polypeptide micelles triggered by both pH and reduction conditions. Biomaterials, 2013, 34, 5262-5272.	5.7	182
23	Reduction-Responsive Disassemblable Core-Cross-Linked Micelles Based on Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Intracellular Anticancer Drug Release. Biomacromolecules, 2012, 13, 2429-2438.	2.6	181
24	Reversibly crosslinked temperature-responsive nano-sized polymersomes: synthesis and triggered drug release. Journal of Materials Chemistry, 2009, 19, 4183.	6.7	168
25	Acetal-Linked Paclitaxel Prodrug Micellar Nanoparticles as a Versatile and Potent Platform for Cancer Therapy. Biomacromolecules, 2013, 14, 2772-2780.	2.6	165
26	The highly efficient delivery of exogenous proteins into cells mediated by biodegradable chimaeric polymersomes. Biomaterials, 2010, 31, 7575-7585.	5.7	162
27	Versatile Synthesis of Functional Biodegradable Polymers by Combining Ring-Opening Polymerization and Postpolymerization Modification via Michael-Type Addition Reaction. Macromolecules, 2010, 43, 201-207.	2.2	160
28	Bioresponsive polymeric nanotherapeutics for targeted cancer chemotherapy. Nano Today, 2015, 10, 656-670.	6.2	159
29	Core-crosslinked pH-sensitive degradable micelles: A promising approach to resolve the extracellular stability versus intracellular drug release dilemma. Journal of Controlled Release, 2012, 164, 338-345.	4.8	157
30	pH-sensitive polymeric nanoparticles for tumor-targeting doxorubicin delivery: concept and recent advances. Nanomedicine, 2014, 9, 487-499.	1.7	152
31	Galactose-Decorated Cross-Linked Biodegradable Poly(ethylene glycol)-b-poly(Îµ-caprolactone) Block Copolymer Micelles for Enhanced Hepatoma-Targeting Delivery of Paclitaxel. Biomacromolecules, 2011, 12, 3047-3055.	2.6	146
32	Endosomal pH-Activatable Poly(ethylene oxide)-graft-Doxorubicin Prodrugs: Synthesis, Drug Release, and Biodistribution in Tumor-Bearing Mice. Biomacromolecules, 2011, 12, 1460-1467.	2.6	145
33	Advanced drug and gene delivery systems based on functional biodegradable polycarbonates and copolymers. Journal of Controlled Release, 2014, 190, 398-414.	4.8	142
34	Apolipoprotein E Peptide-Directed Chimeric Polymersomes Mediate an Ultrahigh-Efficiency Targeted Protein Therapy for Glioblastoma. ACS Nano, 2018, 12, 11070-11079.	7.3	132
35	Virusâ€Mimicking Chimaeric Polymersomes Boost Targeted Cancer siRNA Therapy In Vivo. Advanced Materials, 2017, 29, 1703285.	11.1	130
36	Reduction and temperature dual-responsive crosslinked polymersomes for targeted intracellular protein delivery. Journal of Materials Chemistry, 2011, 21, 19013.	6.7	128

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37	Acid-Activatable Prodrug Nanogels for Efficient Intracellular Doxorubicin Release. Biomacromolecules, 2011, 12, 3612-3620.	2.6	123
38	pH and Reduction Dual-Bioresponsive Polymersomes for Efficient Intracellular Protein Delivery. Langmuir, 2012, 28, 2056-2065.	1.6	122
39	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.	4.8	121
40	Protein Toxin Chaperoned by LRPâ€1â€Targeted Virusâ€Mimicking Vesicles Induces Highâ€Efficiency Glioblastoma Therapy In Vivo. Advanced Materials, 2018, 30, e1800316.	11.1	121
41	Polymersomes Spanning from Nano- to Microscales: Advanced Vehicles for Controlled Drug Delivery and Robust Vesicles for Virus and Cell Mimicking. Journal of Physical Chemistry Letters, 2011, 2, 1533-1539.	2.1	116
42	Ligand-Directed Reduction-Sensitive Shell-Sheddable Biodegradable Micelles Actively Deliver Doxorubicin into the Nuclei of Target Cancer Cells. Biomacromolecules, 2013, 14, 3723-3730.	2.6	116
43	Gold Nanorod-Cored Biodegradable Micelles as a Robust and Remotely Controllable Doxorubicin Release System for Potent Inhibition of Drug-Sensitive and -Resistant Cancer Cells. Biomacromolecules, 2013, 14, 2411-2419.	2.6	112
44	Actively targeted nanomedicines for precision cancer therapy: Concept, construction, challenges and clinical translation. Journal of Controlled Release, 2021, 329, 676-695.	4.8	111
45	In Situ Forming Reduction-Sensitive Degradable Nanogels for Facile Loading and Triggered Intracellular Release of Proteins. Biomacromolecules, 2013, 14, 1214-1222.	2.6	108
46	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.	4.0	108
47	Fluorinated Î±-Helical Polypeptides Synchronize Mucus Permeation and Cell Penetration toward Highly Efficient Pulmonary siRNA Delivery against Acute Lung Injury. Nano Letters, 2020, 20, 1738-1746.	4.5	108
48	Micelles Based on Acid Degradable Poly(acetal urethane): Preparation, pH-Sensitivity, and Triggered Intracellular Drug Release. Biomacromolecules, 2015, 16, 2228-2236.	2.6	103
49	Glyco-Nanoparticles with Sheddable Saccharide Shells: A Unique and Potent Platform for Hepatoma-Targeting Delivery of Anticancer Drugs. Biomacromolecules, 2014, 15, 900-907.	2.6	98
50	Targeted glioma chemotherapy by cyclic RGD peptide-functionalized reversibly core-crosslinked multifunctional poly(ethylene glycol)-b-poly(Îµ-caprolactone) micelles. Acta Biomaterialia, 2017, 50, 396-406.	4.1	97
51	Reductionâ€Sensitive Reversibly Crosslinked Biodegradable Micelles for Triggered Release of Doxorubicin. Macromolecular Bioscience, 2009, 9, 1254-1261.	2.1	96
52	Robust, tumor-homing and redox-sensitive polymersomal doxorubicin: A superior alternative to Doxil and Caelyx?. Journal of Controlled Release, 2016, 239, 149-158.	4.8	92
53	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.	4.8	92
54	Lipoic Acid Modified Low Molecular Weight Polyethylenimine Mediates Nontoxic and Highly Potent in Vitro Gene Transfection. Molecular Pharmaceutics, 2011, 8, 2434-2443.	2.3	91

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55	Branched Polyethylenimine Derivatives with Reductively Cleavable Periphery for Safe and Efficient In Vitro Gene Transfer. Biomacromolecules, 2011, 12, 1032-1040.	2.6	90
56	Functional Poly(Îµ-caprolactone)s via Copolymerization of Îµ-Caprolactone and Pyridyl Disulfide-Containing Cyclic Carbonate: Controlled Synthesis and Facile Access to Reduction-Sensitive Biodegradable Graft Copolymer Micelles. Macromolecules, 2013, 46, 699-707.	2.2	90
57	Unprecedented Access to Functional Biodegradable Polymers and Coatings. Macromolecules, 2011, 44, 6009-6016.	2.2	88
58	Multifunctional Click Hyaluronic Acid Nanogels for Targeted Protein Delivery and Effective Cancer Treatment in Vivo. Chemistry of Materials, 2016, 28, 8792-8799.	3.2	88
59	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.	4.8	86
60	Facile construction of dual-bioresponsive biodegradable micelles with superior extracellular stability and activated intracellular drug release. Journal of Controlled Release, 2015, 210, 125-133.	4.8	84
61	Hyaluronic acid coated PLGA nanoparticulate docetaxel effectively targets and suppresses orthotopic human lung cancer. Journal of Controlled Release, 2017, 259, 76-82.	4.8	84
62	Reversibly Shielded DNA Polyplexes Based on Bioreducible PDMAEMA-SS-PEG-SS-PDMAEMA Triblock Copolymers Mediate Markedly Enhanced Nonviral Gene Transfection. Biomacromolecules, 2012, 13, 769-778.	2.6	83
63	Folate-conjugated crosslinked biodegradable micelles for receptor-mediated delivery of paclitaxel. Journal of Materials Chemistry, 2011, 21, 5786.	6.7	82
64	cRGD-directed, NIR-responsive and robust AuNR/PEGâ€“PCL hybrid nanoparticles for targeted chemotherapy of glioblastoma in vivo. Journal of Controlled Release, 2014, 195, 63-71.	4.8	81
65	In Situ Forming Hydrogels via Catalyst-Free and Bioorthogonal â€œTetrazoleâ€“Alkeneâ€•Photo-Click Chemistry. Biomacromolecules, 2013, 14, 2814-2821.	2.6	79
66	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, 21155-21162.	4.0	79
67	Galactose-installed photo-crosslinked pH-sensitive degradable micelles for active targeting chemotherapy of hepatocellular carcinoma in mice. Journal of Controlled Release, 2014, 193, 154-161.	4.8	78
68	Reduction and pH dual-bioresponsive crosslinked polymersomes for efficient intracellular delivery of proteins and potent induction of cancer cell apoptosis. Acta Biomaterialia, 2014, 10, 2159-2168.	4.1	75
69	Transferrin-binding peptide functionalized polymersomes mediate targeted doxorubicin delivery to colorectal cancer in vivo. Journal of Controlled Release, 2020, 319, 407-415.	4.8	74
70	Anisamide-Decorated pH-Sensitive Degradable Chimaeric Polymersomes Mediate Potent and Targeted Protein Delivery to Lung Cancer Cells. Biomacromolecules, 2015, 16, 1726-1735.	2.6	73
71	Efficacious delivery of protein drugs to prostate cancer cells by PSMA-targeted pH-responsive chimaeric polymersomes. Journal of Controlled Release, 2015, 220, 704-714.	4.8	73
72	Non-viral gene transfection inÂvitro using endosomal pH-sensitive reversibly hydrophobilized polyethylenimine. Biomaterials, 2011, 32, 9109-9119.	5.7	71

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73	Nanopolymersomes with an Ultrahigh Iodine Content for Highâ€Performance Xâ€Ray Computed Tomography Imaging In Vivo. Advanced Materials, 2017, 29, 1603997.	11.1	70
74	Novel injectable biodegradable glycol chitosanâ€based hydrogels crosslinked by Michaelâ€type addition reaction with oligo(acryloyl carbonate)â€bâ€poly(ethylene glycol)â€bâ€oligo(acryloyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	69	
75	Reduction-sensitive degradable micellar nanoparticles as smart and intuitive delivery systems for cancer chemotherapy. Expert Opinion on Drug Delivery, 2013, 10, 1109-1122.	2.4	68
76	Thermosensitive hydrogel-containing polymersomes for controlled drug delivery. Journal of Controlled Release, 2010, 146, 400-408.	4.8	67
77	Precise control of intracellular drug release and anti-tumor activity of biodegradable micellar drugs via reduction-sensitive shell-shedding. Soft Matter, 2012, 8, 3949.	1.2	67
78	Reversibly Cross-Linked Polyplexes Enable Cancer-Targeted Gene Delivery via Self-Promoted DNA Release and Self-Diminished Toxicity. Biomacromolecules, 2015, 16, 1390-1400.	2.6	67
79	Galactose-Decorated Reduction-Sensitive Degradable Chimaeric Polymersomes as a Multifunctional Nanocarrier To Efficiently Chaperone Apoptotic Proteins into Hepatoma Cells. Biomacromolecules, 2013, 14, 2873-2882.	2.6	65
80	Reduction-Responsive Polymeric Micelles and Vesicles for Triggered Intracellular Drug Release. Antioxidants and Redox Signaling, 2014, 21, 755-767.	2.5	64
81	Polyethylene glycol-grafted polystyrene particles. Journal of Biomedical Materials Research Part B, 2004, 70A, 49-58.	3.0	63
82	EGFR-targeted multifunctional polymersomal doxorubicin induces selective and potent suppression of orthotopic human liver cancer in vivo. Acta Biomaterialia, 2017, 64, 323-333.	4.1	62
83	pH-Responsive Chimaeric Pepsomes Based on Asymmetric Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 352 Td (glyco) Copolymer for Efficient Loading and Active Intracellular Delivery of Doxorubicin Hydrochloride. Biomacromolecules, 2015, 16, 1322-1330.	2.6	61
84	Protein Nanotherapeutics as an Emerging Modality for Cancer Therapy. Advanced Healthcare Materials, 2018, 7, e1800685.	3.9	58
85	A Simple and Versatile Synthetic Strategy to Functional Polypeptides via Vinyl Sulfone-Substituted <scp>l</scp>-Cysteine N-Carboxyanhydride. Macromolecules, 2013, 46, 6723-6730.	2.2	56
86	Efficient and Targeted Suppression of Human Lung Tumor Xenografts in Mice with Methotrexate Sodium Encapsulated in Allâ€Functionâ€inâ€One Chimeric Polymersomes. Advanced Materials, 2016, 28, 8234-8239.	11.1	56
87	Hybrid Biodegradable Nanomotors through Compartmentalized Synthesis. Nano Letters, 2020, 20, 4472-4480.	4.5	56
88	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.	4.8	54
89	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.	4.0	52
90	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.	2.5	52

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91	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.	4.8	52
92	Boosting RNAi therapy for orthotopic glioblastoma with nontoxic brain-targeting chimaeric polymersomes. Journal of Controlled Release, 2018, 292, 163-171.	4.8	52
93	Cationic methacrylate copolymers containing primary and tertiary amino side groups: Controlled synthesis via RAFT polymerization, DNA condensation, and in vitro gene transfection. Journal of Polymer Science Part A, 2010, 48, 2869-2877.	2.5	51
94	Enzymatically and Reductively Degradable Î±-Amino Acid-Based Poly(ester amide)s: Synthesis, Cell Compatibility, and Intracellular Anticancer Drug Delivery. Biomacromolecules, 2015, 16, 597-605.	2.6	51
95	Glutathione-Sensitive Hyaluronic Acid-Mercaptopurine Prodrug Linked via Carbonyl Vinyl Sulfide: A Robust and CD44-Targeted Nanomedicine for Leukemia. Biomacromolecules, 2017, 18, 3207-3214.	2.6	50
96	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. Biomacromolecules, 2012, 13, 881-888.	2.6	49
97	Biodegradable polymersomes with an ionizable membrane: Facile preparation, superior protein loading, and endosomal pH-responsive protein release. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 82, 103-111.	2.0	49
98	CD44â€Specific A6 Short Peptide Boosts Targetability and Anticancer Efficacy of Polymersomal Epirubicin to Orthotopic Human Multiple Myeloma. Advanced Materials, 2019, 31, e1904742.	11.1	49
99	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.	4.0	48
100	Micellar paclitaxel boosts ICD and chemo-immunotherapy of metastatic triple negative breast cancer. Journal of Controlled Release, 2022, 341, 498-510.	4.8	46
101	Biodegradable poly(Îµ-caprolactone)-g-poly(2-hydroxyethyl methacrylate) graft copolymer micelles as superior nano-carriers for â€œsmartâ€•doxorubicin release. Journal of Materials Chemistry, 2012, 22, 11730.	6.7	43
102	Robust, active tumor-targeting and fast bioresponsive anticancer nanotherapeutics based on natural endogenous materials. Acta Biomaterialia, 2016, 45, 223-233.	4.1	43
103	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.	4.8	43
104	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.	7.1	43
105	Biodegradable glycopolymer-b-poly(Îµ-caprolactone) block copolymer micelles: versatile construction, tailored lactose functionality, and hepatoma-targeted drug delivery. Journal of Materials Chemistry B, 2015, 3, 2308-2317.	2.9	41
106	ATN-161 Peptide Functionalized Reversibly Cross-Linked Polymersomes Mediate Targeted Doxorubicin Delivery into Melanoma-Bearing C57BL/6 Mice. Molecular Pharmaceutics, 2017, 14, 2538-2547.	2.3	41
107	Bioresponsive Chimaeric Nanopolymersomes Enable Targeted and Efficacious Protein Therapy for Human Lung Cancers in Vivo. Chemistry of Materials, 2017, 29, 8757-8765.	3.2	41
108	Selective Cell Penetrating Peptideâ€Functionalized Polymersomes Mediate Efficient and Targeted Delivery of Methotrexate Disodium to Human Lung Cancer In Vivo. Advanced Healthcare Materials, 2018, 7, e1701135.	3.9	41

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109	GE11-Directed Functional Polymersomal Doxorubicin as an Advanced Alternative to Clinical Liposomal Formulation for Ovarian Cancer Treatment. Molecular Pharmaceutics, 2018, 15, 3664-3671.	2.3	41
110	Low-toxicity transferrin-guided polymersomal doxorubicin for potent chemotherapy of orthotopic hepatocellular carcinoma in vivo. Acta Biomaterialia, 2019, 92, 196-204.	4.1	40
111	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.	4.8	38
112	Micelles with Sheddable Dendritic Polyglycerol Sulfate Shells Show Extraordinary Tumor Targetability and Chemotherapy in Vivo. ACS Applied Materials & Interfaces, 2016, 8, 27530-27538.	4.0	36
113	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.	4.8	36
114	Pegylated polystyrene particles as a model system for artificial cells. Journal of Biomedical Materials Research - Part A, 2004, 70A, 97-106.	2.1	35
115	Glutathione-Sensitive Hyaluronic Acid-SS-Mertansine Prodrug with a High Drug Content: Facile Synthesis and Targeted Breast Tumor Therapy. Biomacromolecules, 2016, 17, 3602-3608.	2.6	35
116	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.	3.2	35
117	Vitamin E-Oligo(methyl diglycol <scp>l</scp>-glutamate) as a Biocompatible and Functional Surfactant for Facile Preparation of Active Tumor-Targeting PLGA Nanoparticles. Biomacromolecules, 2016, 17, 2367-2374.	2.6	34
118	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.	4.0	34
119	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.	4.6	34
120	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photoâ€Dynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 17629-17637.	7.2	34
121	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.	5.8	33
122	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.	4.8	32
123	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.	2.6	32
124	Polymer-supported zirconocene catalyst for ethylene polymerization. Journal of Polymer Science Part A, 1999, 37, 37-46.	2.5	31
125	Emerging targeted drug delivery strategies toward ovarian cancer. Advanced Drug Delivery Reviews, 2021, 178, 113969.	6.6	31
126	Immunotherapy of Malignant Glioma by Noninvasive Administration of TLR9 Agonist CpG Nanoâ€Immunoadjuvant. Advanced Science, 2022, 9, e2103689.	5.6	31

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127	GE11 peptide-installed chimaeric polymersomes tailor-made for high-efficiency EGFR-targeted protein therapy of orthotopic hepatocellular carcinoma. Acta Biomaterialia, 2020, 113, 512-521.	4.1	30
128	Macrophage-Targeted Hydroxychloroquine Nanotherapeutics for Rheumatoid Arthritis Therapy. ACS Applied Materials & Interfaces, 2022, 14, 8824-8837.	4.0	28
129	Biocompatible and bioreducible micelles fabricated from novel Î±-amino acid-based poly(disulfide) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	27
130	Reduction-responsive core-crosslinked hyaluronic acid-b-poly(trimethylene carbonate-co-dithiolane) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 negative breast tumor in vivo. Journal of Materials Chemistry B, 2018, 6, 3040-3047.	2.9	27
131	Î±₃Î²₁ Integrin-Targeting Polymersomal Docetaxel as an Advanced Nanotherapeutic for Nonsmall Cell Lung Cancer Treatment. ACS Applied Materials & Interfaces, 2020, 12, 14905-14913.	4.0	26
132	Polymersome-mediated cytosolic delivery of cyclic dinucleotide STING agonist enhances tumor immunotherapy. Bioactive Materials, 2022, 16, 1-11.	8.6	26
133	Facile Synthesis of Reductively Degradable Biopolymers Using Cystamine Diisocyanate as a Coupling Agent. Biomacromolecules, 2016, 17, 882-890.	2.6	25
134	Daratumumab Immunopolymersomeâ€Enabled Safe and CD38â€Targeted Chemotherapy and Depletion of Multiple Myeloma. Advanced Materials, 2021, 33, e2007787.	11.1	25
135	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.	2.5	24
136	α_vβ₃ integrin-targeted micellar mertansine prodrug effectively inhibits triple-negative breast cancer in vivo. International Journal of Nanomedicine, 2017, Volume 12, 7913-7921.	3.3	24
137	cRGD-installed docetaxel-loaded mertansine prodrug micelles: redox-triggered ratiometric dual drug release and targeted synergistic treatment of B16F10 melanoma. Nanotechnology, 2017, 28, 295103.	1.3	24
138	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.	4.8	23
139	Controlled Synthesis of L-Lactide-b-Îµ-Caprolactone Block Copolymers Using a Rare Earth Complex as Catalyst. Polymer Journal, 1999, 31, 633-636.	1.3	22
140	Reductively degradable Î±-amino acid-based poly(ester amide)-graft-galactose copolymers: facile synthesis, self-assembly, and hepatoma-targeting doxorubicin delivery. Biomaterials Science, 2015, 3, 1134-1146.	2.6	22
141	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.	4.1	22
142	ApoE-mediated systemic nanodelivery of granzyme B and CpG for enhanced glioma immunotherapy. Journal of Controlled Release, 2022, 347, 68-77.	4.8	22
143	Preparation of polymer-supported zirconocene catalysts and olefin polymerization. Journal of Applied Polymer Science, 1999, 71, 2253-2258.	1.3	21
144	Apolipoprotein E Peptide-Guided Disulfide-Cross-Linked Micelles for Targeted Delivery of Sorafenib to Hepatocellular Carcinoma. Biomacromolecules, 2020, 21, 716-724.	2.6	20

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145	A Smart Nanoâ€Prodrug Platform with Reactive Drug Loading, Superb Stability, and Fast Responsive Drug Release for Targeted Cancer Therapy. Macromolecular Bioscience, 2017, 17, 1600518.	2.1	19
146	Investigating the self-assembly and shape transformation of poly(ethylene glycol)-b-poly(d,l-lactide) (PEG-PDLLA) polymersomes by tailoring solvent-polymer interactions. Polymer Chemistry, 2020, 11, 275-280.	1.9	19
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