Jianjun Cheng

List of Publications by Year
in descending order

197	21,108	8181 76	9861 141
papers	citations	h-index	g-index

198	198	198	25171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photosensitive pro-drug nanoassemblies harboring a chemotherapeutic dormancy function potentiates cancer immunotherapy. Acta Pharmaceutica Sinica B, 2023, 13, 879-896.	12.0	10
2	Self-assembled natural small molecule diterpene acids with favorable anticancer activity and biosafety for synergistically enhanced antitumor chemotherapy. Journal of Materials Chemistry B, 2021, 9, 2674-2687.	5.8	19
3	Exploring the self-assembly mechanism and effective synergistic antitumor chemophototherapy of a biodegradable and glutathione responsive ursolic acid prodrug mediated photosensitive nanodrug. Biomaterials Science, 2021, 9, 3762-3775.	5.4	5
4	Carrier-Free Triterpene Prodrugs with Glutathione Response and Biosafety for Synergistically Enhanced Photochemotherapy. ACS Applied Materials & Interfaces, 2021, 13, 245-256.	8.0	20
5	Nanomedicine-Cum-Carrier by Co-Assembly of Natural Small Products for Synergistic Enhanced Antitumor with Tissues Protective Actions. ACS Applied Materials & Interfaces, 2020, 12, 42537-42550.	8.0	31
6	Bioactive Natural Small Molecule-Tuned Coassembly of Photosensitive Drugs for Highly Efficient Synergistic and Enhanced Type I Photochemotherapy. ACS Applied Materials & Interfaces, 2020, 12, 43488-43500.	8.0	21
7	A highly atom-economical bioactive nanocarrier for synergistically enhanced antitumor with reduced liver injury. New Journal of Chemistry, 2020, 44, 16741-16751.	2.8	3
8	Manipulating the helixâ€“coil transition profile of synthetic polypeptides by leveraging side-chain molecular interactions. Polymer Chemistry, 2020, 11, 1445-1449.	3.9	11
9	Targeting infected host cells in vivo via responsive azido-sugar mediated metabolic cell labeling followed by click reaction. Biomaterials, 2020, 238, 119843.	11.4	9
10	Novel Liposomal Azido Mannosamine Lipids on Metabolic Cell Labeling and Imaging via Cu-Free Click Chemistry. Bioconjugate Chemistry, 2019, 30, 2317-2322.	3.6	18
11	Azido-galactose outperforms azido-mannose for metabolic labeling and targeting of hepatocellular carcinoma. Biomaterials Science, 2019, 7, 4166-4173.	5.4	19
12	Simple and Multifunctional Natural Self-Assembled Sterols with Anticancer Activity-Mediated Supramolecular Photosensitizers for Enhanced Antitumor Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 29498-29511.	8.0	35
13	In vivo cancer targeting via glycopolyester nanoparticle mediated metabolic cell labeling followed by click reaction. Biomaterials, 2019, 218, 119305.	11.4	35
14	Supramolecular Nanotheranostics. Theranostics, 2019, 9, 3014-3016.	10.0	6
15	Facile Synthesis of Helical Multiblock Copolypeptides: Minimal Side Reactions with Accelerated Polymerization of N-Carboxyanhydrides. ACS Macro Letters, 2019, 8, 1517-1521.	4.8	25
16	Recent Advances and Future Perspectives of Synthetic Polypeptides from N-Carboxyanhydrides. Macromolecules, 2019, 52, 8521-8539.	4.8	84
17	Reconfigurable Poly(ureaâ€urethane) Thermoset Based on Hindered Urea Bonds with Tripleâ€Shapeâ€Memory Performance. Macromolecular Chemistry and Physics, 2019, 220, 1900148.	2.2	33
18	Synthesis of polypeptides via bioinspired polymerization of in situ purified N -carboxyanhydrides. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10658-10663.	7.1	87

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19	Proximity-Induced Cooperative Polymerization in â€œHingedâ€•Helical Polypeptides. Journal of the American Chemical Society, 2019, 141, 8680-8683.	13.7	58
20	Recent progress in nanomaterials for nucleic acid delivery in cancer immunotherapy. Biomaterials Science, 2019, 7, 2640-2651.	5.4	34
21	Enzyme-mimetic self-catalyzed polymerization of polypeptide helices. Nature Communications, 2019, 10, 5470.	12.8	46
22	Hindered Urea Bond: A Bilaterally Responsive Chemistry to Hydrogen Peroxide. European Journal of Organic Chemistry, 2019, 2019, 728-731.	2.4	6
23	Light-triggered release of drug conjugates for an efficient combination of chemotherapy and photodynamic therapy. Biomaterials Science, 2018, 6, 997-1001.	5.4	31
24	Macrophage-Membrane-Coated Nanoparticles for Tumor-Targeted Chemotherapy. Nano Letters, 2018, 18, 1908-1915.	9.1	289
25	Albumin as a â€œTrojan Horseâ€•for polymeric nanoconjugate transendothelial transport across tumor vasculatures for improved cancer targeting. Biomaterials Science, 2018, 6, 1189-1200.	5.4	19
26	Nonviral gene editing via CRISPR/Cas9 delivery by membrane-disruptive and endosomolytic helical polypeptide. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4903-4908.	7.1	223
27	A caged metabolic precursor for DT-diaphorase-responsive cell labeling. Chemical Communications, 2018, 54, 4878-4881.	4.1	18
28	Dynamic Ureas with Fast and pHâ€Independent Hydrolytic Kinetics. Chemistry - A European Journal, 2018, 24, 7345-7348.	3.3	12
29	Effective and Selective Antiâ€Cancer Protein Delivery via Allâ€Functionsâ€inâ€One Nanocarriers Coupled with Visible Lightâ€Responsive, Reversible Protein Engineering. Advanced Functional Materials, 2018, 28, 1706710.	14.9	98
30	Synthesis of indocyanine green functionalized comblike poly(aspartic acid) derivatives for enhanced cancer cell ablation by targeting the endoplasmic reticulum. Polymer Chemistry, 2018, 9, 1206-1215.	3.9	21
31	High Drug Loading and Sub-Quantitative Loading Efficiency of Polymeric Micelles Driven by Donorâ€“Receptor Coordination Interactions. Journal of the American Chemical Society, 2018, 140, 1235-1238.	13.7	236
32	Enhanced bioreduction-responsive diselenide-based dimeric prodrug nanoparticles for triple negative breast cancer therapy. Theranostics, 2018, 8, 4884-4897.	10.0	33
33	Dimeric Prodrug Self-Delivery Nanoparticles with Enhanced Drug Loading and Bioreduction Responsiveness for Targeted Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 39455-39467.	8.0	35
34	Secondary structures in synthetic polypeptides from N-carboxyanhydrides: design, modulation, association, and material applications. Chemical Society Reviews, 2018, 47, 7401-7425.	38.1	115
35	Systemic siRNA delivery to tumors by cell-penetrating Î±-helical polypeptide-based metastable nanoparticles. Nanoscale, 2018, 10, 15339-15349.	5.6	37
36	Bio-nano interface: The impact of biological environment on nanomaterials and their delivery properties. Journal of Controlled Release, 2017, 263, 211-222.	9.9	57

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37	Inhibiting Solid Tumor Growth In Vivo by Nonâ€Tumorâ€Penetrating Nanomedicine. Small, 2017, 13, 1600954.	10.0	41
38	Gene delivery into isolated Arabidopsis thaliana protoplasts and intact leaves using cationic, Î±-helical polypeptide. Frontiers of Chemical Science and Engineering, 2017, 11, 521-528.	4.4	17
39	Interactions between Membranes and â€œMetaphilicâ€•Polypeptide Architectures with Diverse Side-Chain Populations. ACS Nano, 2017, 11, 2858-2871.	14.6	41
40	Cooperative polymerization of Î±-helices induced by macromolecular architecture. Nature Chemistry, 2017, 9, 614-622.	13.6	125
41	Investigation on the controlled synthesis and post-modification of poly-[(N-2-hydroxyethyl)-aspartamide]-based polymers. Polymer Chemistry, 2017, 8, 1872-1877.	3.9	11
42	Selective in vivo metabolic cell-labeling-mediated cancer targeting. Nature Chemical Biology, 2017, 13, 415-424.	8.0	274
43	Manipulating the membrane penetration mechanism of helical polypeptides via aromatic modification for efficient gene delivery. Acta Biomaterialia, 2017, 58, 146-157.	8.3	27
44	Brd4 modulates the innate immune response through Mnk2â€“eIF4E pathway-dependent translational control of lÎºBÎ±. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3993-E4001.	7.1	60
45	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. Journal of Controlled Release, 2017, 260, 12-21.	9.9	90
46	Sequentially Responsive Shellâ€Stacked Nanoparticles for Deep Penetration into Solid Tumors. Advanced Materials, 2017, 29, 1701170.	21.0	360
47	Degradable and biocompatible hydrogels bearing a hindered urea bond. Biomaterials Science, 2017, 5, 2398-2402.	5.4	18
48	Synthetic polypeptides: from polymer design to supramolecular assembly and biomedical application. Chemical Society Reviews, 2017, 46, 6570-6599.	38.1	290
49	Revisiting the Helical Cooperativity of Synthetic Polypeptides in Solution. Biomacromolecules, 2017, 18, 2324-2332.	5.4	11
50	Modulation of polypeptide conformation through donorâ€“acceptor transformation of side-chain hydrogen bonding ligands. Nature Communications, 2017, 8, 92.	12.8	51
51	Supramolecular Assembly of Comb-like Macromolecules Induced by Chemical Reactions that Modulate the Macromolecular Interactions In Situ. Journal of the American Chemical Society, 2017, 139, 11106-11116.	13.7	21
52	Selective killing of Helicobacter pylori with pH-responsive helixâ€“coil conformation transitionable antimicrobial polypeptides. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12675-12680.	7.1	121
53	Folding Cooperativity of Synthetic Polypeptides with or without â€œTertiaryâ€•Interactions. ACS Macro Letters, 2017, 6, 733-737.	4.8	5
54	Bacteriaâ€Assisted Activation of Antimicrobial Polypeptides by a Randomâ€Coil to Helix Transition. Angewandte Chemie - International Edition, 2017, 56, 10826-10829.	13.8	108

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55	Synthesis of controlled, high-molecular weight poly(<scp>l</scp>-glutamic acid) brush polymers. Biomaterials Science, 2017, 5, 1836-1844.	5.4	31
56	Nanoparticle delivery of chemotherapy combination regimen improves the therapeutic efficacy in mouse models of lung cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1301-1307.	3.3	19
57	In Vivo Targeting of Metabolically Labeled Cancers with Ultra-Small Silica Nanoconjugates. Theranostics, 2016, 6, 1467-1476.	10.0	34
58	The Effects of Spacer Length and Composition on Aptamerâ€Mediated Cellâ€Specific Targeting with Nanoscale PEGylated Liposomal Doxorubicin. ChemBioChem, 2016, 17, 1111-1117.	2.6	30
59	One-step construction of aminosquaraine backbone. Dyes and Pigments, 2016, 131, 264-267.	3.7	0
60	Gene Delivery Method Using Photo-Responsive Poly(Î²-Amino Ester) as Vectors. Methods in Molecular Biology, 2016, 1445, 259-267.	0.9	0
61	Targeted Delivery of Immunomodulators to Lymph Nodes. Cell Reports, 2016, 15, 1202-1213.	6.4	73
62	Photoinduced Metal-Free Atom Transfer Radical Polymerization of Biomass-Based Monomers. Macromolecules, 2016, 49, 7709-7717.	4.8	63
63	A delayed curing ROMP based thermosetting resin. Polymer Chemistry, 2016, 7, 5093-5098.	3.9	6
64	Facile synthesis of chitosan assisted multifunctional magnetic Fe₃O₄@SiO₂@CS@pyropheophorbide-a fluorescent nanoparticles for photodynamic therapy. New Journal of Chemistry, 2016, 40, 8522-8534.	2.8	35
65	Controlled Ringâ€Opening Polymerization of Oâ€Carboxyanhydrides Using a Î²â€Diiminate Zinc Catalyst. Angewandte Chemie - International Edition, 2016, 55, 13010-13014.	13.8	56
66	Pamidronate functionalized nanoconjugates for targeted therapy of focal skeletal malignant osteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4601-9.	7.1	71
67	Malleable and Recyclable Poly(ureaâ€urethane) Thermosets bearing Hindered Urea Bonds. Advanced Materials, 2016, 28, 7646-7651.	21.0	318
68	Preparation of Surfactant-Resistant Polymersomes with Ultrathick Membranes through RAFT Dispersion Polymerization. ACS Applied Materials & Interfaces, 2016, 8, 17033-17037.	8.0	18
69	Integrating Display and Delivery Functionality with a Cell Penetrating Peptide Mimic as a Scaffold for Intracellular Multivalent Multitargeting. Journal of the American Chemical Society, 2016, 138, 9498-9507.	13.7	26
70	Targeted Ultrasoundâ€Assisted Cancerâ€Selective Chemical Labeling and Subsequent Cancer Imaging using Click Chemistry. Angewandte Chemie - International Edition, 2016, 55, 5452-5456.	13.8	76
71	Bioresorbable silicon electronic sensors for the brain. Nature, 2016, 530, 71-76.	27.8	778
72	CD44 Mediated Nonviral Gene Delivery into Human Embryonic Stem Cells via Hyaluronic-Acid-Coated Nanoparticles. ACS Biomaterials Science and Engineering, 2016, 2, 326-335.	5.2	28

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73	Crosslinked dendronized polyols as a general approach to brighter and more stable fluorophores. Chemical Communications, 2016, 52, 3781-3784.	4.1	31
74	Suppression of Hepatic Inflammation via Systemic siRNA Delivery by Membrane-Disruptive and Endosomolytic Helical Polypeptide Hybrid Nanoparticles. ACS Nano, 2016, 10, 1859-1870.	14.6	107
75	Highly Efficient SiRNA Delivery Mediated by Cationic Helical Polypeptides and Polypeptide-Based Nanosystems. Methods in Molecular Biology, 2016, 1364, 37-47.	0.9	5
76	Liposomal Nanoparticles of a Spleen Tyrosine Kinase P-Site Inhibitor Amplify the Potency of Low Dose Total Body Irradiation Against Aggressive B-Precursor Leukemia and Yield Superior Survival Outcomes in Mice. EBioMedicine, 2015, 2, 554-562.	6.1	9
77	Dual Stimuli-Responsive Poly(Î²-amino ester) Nanoparticles for On-Demand Burst Release. Macromolecular Bioscience, 2015, 15, 1314-1322.	4.1	16
78	Nanogelâ€Incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemoâ€“Protein Combination Therapy. Advanced Functional Materials, 2015, 25, 6744-6755.	14.9	90
79	Selfâ€Assembly of Î±â€Helical Polypeptides Driven by Complex Coacervation. Angewandte Chemie - International Edition, 2015, 54, 11128-11132.	13.8	81
80	Ionic Î±â€helical polypeptides toward nonviral gene delivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 98-110.	6.1	13
81	Bioorthogonal oxime ligation mediated in vivo cancer targeting. Chemical Science, 2015, 6, 2182-2186.	7.4	28
82	Redox-responsive self-assembled chain-shattering polymeric therapeutics. Biomaterials Science, 2015, 3, 1061-1065.	5.4	34
83	Development of Polypeptide-based Nanoparticles for Non-viral Delivery of CD22 RNA Trans-splicing Molecule as a New Precision Medicine Candidate Against B-lineage ALL. EBioMedicine, 2015, 2, 649-659.	6.1	13
84	Biodegradable Micelles Capable of Mannoseâ€Mediated Targeted Drug Delivery to Cancer Cells. Macromolecular Rapid Communications, 2015, 36, 483-489.	3.9	39
85	Redox-responsive, reversibly-crosslinked thiolated cationic helical polypeptides for efficient siRNA encapsulation and delivery. Journal of Controlled Release, 2015, 205, 231-239.	9.9	52
86	Reduction-responsive dithiomaleimide-based nanomedicine with high drug loading and FRET-indicated drug release. Chemical Communications, 2015, 51, 4807-4810.	4.1	51
87	UV-responsive degradable polymers derived from 1-(4-aminophenyl) ethane-1,2-diol. Journal of Polymer Science Part A, 2015, 53, 1161-1168.	2.3	16
88	Polymeric biomaterials for cancer nanotechnology. Biomaterials Science, 2015, 3, 891-893.	5.4	14
89	Design of Albuminâ€Coated Microbubbles Loaded With Polylactide Nanoparticles. Journal of Ultrasound in Medicine, 2015, 34, 1363-1372.	1.7	2
90	Synthesis and Biomedical Applications of Functional Poly(Î±-hydroxy acids) via Ring-Opening Polymerization of O-Carboxyanhydrides. Accounts of Chemical Research, 2015, 48, 1777-1787.	15.6	91

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91	Functional polyesters derived from alternating copolymerization of norbornene anhydride and epoxides. Polymer Chemistry, 2015, 6, 3586-3590.	3.9	35
92	Leveraging Structure-Based Rational Drug Design and Nanotechnology to Destroy Leukemic Stem Cells. , 2015, , 449-463.		0
93	Dimeric Drug Polymeric Nanoparticles with Exceptionally High Drug Loading and Quantitative Loading Efficiency. Journal of the American Chemical Society, 2015, 137, 3458-3461.	13.7	294
94	Non-invasive, real-time reporting drug release in vitro and in vivo. Chemical Communications, 2015, 51, 6948-6951.	4.1	51
95	New Frontiers for Encapsulation in the Chemical Industry. ACS Applied Materials & Interfaces, 2015, 7, 6359-6368.	8.0	62
96	Targeting Tumor Vasculature with Aptamer-Functionalized Doxorubicinâ€“Polylactide Nanoconjugates for Enhanced Cancer Therapy. ACS Nano, 2015, 9, 5072-5081.	14.6	70
97	Targeting leukemic stem cells with multifunctional bioactive polypeptide nanoparticles. Future Oncology, 2015, 11, 1149-1152.	2.4	4
98	Polypeptide vesicles with densely packed multilayer membranes. Soft Matter, 2015, 11, 4091-4098.	2.7	40
99	In vitro selection of a sodium-specific DNAzyme and its application in intracellular sensing. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5903-5908.	7.1	287
100	<scp>CD</scp>22Î”E12 as a molecular target for <scp>RNA</scp>i therapy. British Journal of Haematology, 2015, 169, 401-414.	2.5	14
101	Trigger Chemistries for Better Industrial Formulations. ACS Applied Materials & Interfaces, 2015, 7, 6369-6382.	8.0	58
102	Helical antimicrobial polypeptides with radial amphiphilicity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13155-13160.	7.1	166
103	A rationally designed nanoparticle for RNA interference therapy in B-lineage lymphoid malignancies. EBioMedicine, 2014, 1, 141-155.	6.1	16
104	Enhanced non-viral gene delivery to human embryonic stem cells via small molecule-mediated transient alteration of the cell structure. Journal of Materials Chemistry B, 2014, 2, 8098-8105.	5.8	12
105	Hydrolyzable Polyureas Bearing Hindered Urea Bonds. Journal of the American Chemical Society, 2014, 136, 16974-16977.	13.7	138
106	Materials, Designs, and Operational Characteristics for Fully Biodegradable Primary Batteries. Advanced Materials, 2014, 26, 3879-3884.	21.0	263
107	High-efficiency motor neuron differentiation from human pluripotent stem cells and the function of Islet-1. Nature Communications, 2014, 5, 3449.	12.8	121
108	Recent advances in amino acid N-carboxyanhydrides and synthetic polypeptides: chemistry, self-assembly and biological applications. Chemical Communications, 2014, 50, 139-155.	4.1	256

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109	Anticancer camptothecin-N-poly(lactic acid) nanoconjugates with facile hydrolysable linker. Polymer Chemistry, 2014, 5, 1581-1585.	3.9	19
110	Dynamic urea bond for the design of reversible and self-healing polymers. Nature Communications, 2014, 5, 3218.	12.8	738
111	CD19-antigen specific nanoscale liposomal formulation of a SYK P-site inhibitor causes apoptotic destruction of human B-precursor leukemia cells. Integrative Biology (United Kingdom), 2014, 6, 766-780.	1.3	12
112	Polypeptides with Quaternary Phosphonium Side Chains: Synthesis, Characterization, and Cell-Penetrating Properties. Biomacromolecules, 2014, 15, 1491-1497.	5.4	29
113	Investigating the optimal size of anticancer nanomedicine. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15344-15349.	7.1	523
114	Trigger-Responsive Poly(Î²-amino ester) Hydrogels. ACS Macro Letters, 2014, 3, 693-697.	4.8	44
115	Smart chemistry in polymeric nanomedicine. Chemical Society Reviews, 2014, 43, 6982-7012.	38.1	171
116	The effect of side-chain functionality and hydrophobicity on the gene delivery capabilities of cationic helical polypeptides. Biomaterials, 2014, 35, 3443-3454.	11.4	85
117	Trigger-responsive, fast-degradable poly(Î²-amino ester)s for enhanced DNA unpackaging and reduced toxicity. Biomaterials, 2014, 35, 5006-5015.	11.4	91
118	Maximizing gene delivery efficiencies of cationic helical polypeptides via balanced membrane penetration and cellular targeting. Biomaterials, 2014, 35, 1302-1314.	11.4	52
119	Long-term kinetics of DNA interacting with polycations. Polymer, 2014, 55, 2464-2471.	3.8	22
120	Helical poly(arginine) mimics with superior cell-penetrating and molecular transporting properties. Chemical Science, 2013, 4, 3839.	7.4	134
121	Nonâ€Viral Gene Delivery via Membraneâ€Penetrating, Mannoseâ€Targeting Supramolecular Selfâ€Assembled Nanocomplexes. Advanced Materials, 2013, 25, 3063-3070.	21.0	119
122	Selective delivery of an anticancer drug with aptamer-functionalized liposomes to breast cancer cells in vitro and in vivo. Journal of Materials Chemistry B, 2013, 1, 5288.	5.8	167
123	Nonporous silica nanoparticles for nanomedicine application. Nano Today, 2013, 8, 290-312.	11.9	416
124	PEG-Polypeptide Dual Brush Block Copolymers: Synthesis and Application in Nanoparticle Surface PEGylation. ACS Macro Letters, 2013, 2, 809-813.	4.8	31
125	Poly(iohexol) Nanoparticles As Contrast Agents for in Vivo X-ray Computed Tomography Imaging. Journal of the American Chemical Society, 2013, 135, 13620-13623.	13.7	92
126	Lightâ€Responsive Helical Polypeptides Capable of Reducing Toxicity and Unpacking DNA: Toward Nonviral Gene Delivery. Angewandte Chemie - International Edition, 2013, 52, 9182-9186.	13.8	148

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127	Drug-Initiated Ring-Opening Polymerization of O-Carboxyanhydrides for the Preparation of Anticancer Drugâ€“Poly(O-carboxyanhydride) Nanoconjugates. Biomacromolecules, 2013, 14, 920-929.	5.4	70
128	Trigger-responsive chain-shattering polymers. Polymer Chemistry, 2013, 4, 224-228.	3.9	44
129	Cationic, helical polypeptide-based gene delivery for IMR-90 fibroblasts and human embryonic stem cells. Biomaterials Science, 2013, 1, 719.	5.4	30
130	Redox-Responsive, Core Cross-Linked Polyester Micelles. ACS Macro Letters, 2013, 2, 40-44.	4.8	116
131	Size-Dependent Tumor Penetration and in Vivo Efficacy of Monodisperse Drugâ€“Silica Nanoconjugates. Molecular Pharmaceutics, 2013, 10, 883-892.	4.6	145
132	Reconfiguring the architectures of cationic helical polypeptides to control non-viral gene delivery. Biomaterials, 2013, 34, 2340-2349.	11.4	80
133	Protein corona significantly reduces active targeting yield. Chemical Communications, 2013, 49, 2557.	4.1	321
134	Supramolecular Selfâ€Assembled Nanoparticles Mediate Oral Delivery of Therapeutic TNFâ€Î± siRNA against Systemic Inflammation. Angewandte Chemie - International Edition, 2013, 52, 5757-5761.	13.8	84
135	Nucleation-Controlled Polymerization of Nanoparticles into Supramolecular Structures. Journal of the American Chemical Society, 2013, 135, 11417-11420.	13.7	52
136	Chainâ€Shattering Polymeric Therapeutics with Onâ€Demand Drugâ€Release Capability. Angewandte Chemie - International Edition, 2013, 52, 6435-6439.	13.8	132
137	Redox-Responsive, Core-Cross-Linked Micelles Capable of On-Demand, Concurrent Drug Release and Structure Disassembly. Biomacromolecules, 2013, 14, 3706-3712.	5.4	160
138	Production approaches for microbubbles loaded with nanoparticles. , 2013, , .		0
139	Nanoscale liposomal formulation of a SYK P-site inhibitor against B-precursor leukemia. Blood, 2013, 121, 4348-4354.	1.4	30
140	Novel delivery system for T-oligo using a nanocomplex formed with an alpha helical peptide for melanoma therapy. International Journal of Nanomedicine, 2013, 9, 43.	6.7	12
141	A Cell-penetrating Helical Polymer For siRNA Delivery to Mammalian Cells. Molecular Therapy, 2012, 20, 1599-1609.	8.2	56
142	Synthesis of Water-Soluble Poly(Î±-hydroxy acids) from Living Ring-Opening Polymerization of O-Benzyl-<scp>l</scp>-serine Carboxyanhydrides. ACS Macro Letters, 2012, 1, 441-444.	4.8	57
143	Facile Functionalization of Polyesters through Thiol-yne Chemistry for the Design of Degradable, Cell-Penetrating and Gene Delivery Dual-Functional Agents. Biomacromolecules, 2012, 13, 3456-3462.	5.4	68
144	Reactive and Bioactive Cationic Î±â€Helical Polypeptide Template for Nonviral Gene Delivery. Angewandte Chemie - International Edition, 2012, 51, 1143-1147.	13.8	162

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145	Aptamerâ€Functionalized, Ultraâ€Small, Monodisperse Silica Nanoconjugates for Targeted Dualâ€Modal Imaging of Lymph Nodes with Metastatic Tumors. Angewandte Chemie - International Edition, 2012, 51, 12721-12726.	13.8	96
146	Drug-Initiated, Controlled Ring-Opening Polymerization for the Synthesis of Polymerâ€“Drug Conjugates. Macromolecules, 2012, 45, 2225-2232.	4.8	55
147	Water-Soluble Poly(<scp>l</scp>-serine)s with Elongated and Charged Side-Chains: Synthesis, Conformations, and Cell-Penetrating Properties. Biomacromolecules, 2012, 13, 2609-2615.	5.4	51
148	Polymeric nanomedicines based on poly(lactide) and poly(lactide-co-glycolide). Current Opinion in Solid State and Materials Science, 2012, 16, 323-332.	11.5	45
149	Zinc complex mediated regioselective O-acylation of therapeutic agents. Chemical Science, 2012, 3, 2234.	7.4	5
150	Polyvalent Mesoporous Silica Nanoparticleâ€Aptamer Bioconjugates Target Breast Cancer Cells. Advanced Healthcare Materials, 2012, 1, 567-572.	7.6	101
151	Synthesis and Biological Response of Size-Specific, Monodisperse Drugâ€“Silica Nanoconjugates. ACS Nano, 2012, 6, 3954-3966.	14.6	163
152	The therapeutic efficacy of camptothecin-encapsulated supramolecular nanoparticles. Biomaterials, 2012, 33, 1162-1169.	11.4	82
153	Targeting Mantle Cell Lymphoma with Anti-SYK Nanoparticles. Journal of Analytical Oncology, 2012, 1, 1-9.	0.1	7
154	Translocation of HIV TAT peptide and analogues induced by multiplexed membrane and cytoskeletal interactions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16883-16888.	7.1	287
155	Synthesis of hybrid block copolymers via integrated ring-opening metathesis polymerization and polymerization of NCA. Chemical Communications, 2011, 47, 10830.	4.1	18
156	Water-Soluble Polypeptides with Elongated, Charged Side Chains Adopt Ultrastable Helical Conformations. Macromolecules, 2011, 44, 6641-6644.	4.8	73
157	Supramolecular Polymerization from Polypeptide-Grafted Comb Polymers. Journal of the American Chemical Society, 2011, 133, 12906-12909.	13.7	54
158	Interrupted Helical Structure of Grafted Polypeptides in Brush-Like Macromolecules. Macromolecules, 2011, 44, 8699-8708.	4.8	33
159	Ring-Opening Polymerization of Î³-(4-Vinylbenzyl)-<scp>l</scp>-glutamate N-Carboxyanhydride for the Synthesis of Functional Polypeptides. Macromolecules, 2011, 44, 6237-6240.	4.8	53
160	Role of mechanical factors in fate decisions of stem cells. Regenerative Medicine, 2011, 6, 229-240.	1.7	155
161	Ionic polypeptides with unusual helical stability. Nature Communications, 2011, 2, 206.	12.8	227
162	Synthesis of Polypeptides by Ring-Opening Polymerization of Î±-Amino Acid N-Carboxyanhydrides. Topics in Current Chemistry, 2011, 310, 1-26.	4.0	114

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163	Drug-polyester conjugated nanoparticles for cancer drug delivery. , 2011, 2011, 8337-9.		0
164	The formulation of aptamer-coated paclitaxelâ€“polylactide nanoconjugates and their targeting to cancer cells. Biomaterials, 2010, 31, 3043-3053.	11.4	120
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