

Yiyun Cheng

List of Publications by Year in descending order

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143
papers

12,297
citations

26610

56
h-index

26591

107
g-index

165
all docs

165
docs citations

165
times ranked

12528
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol-Based Polymers with High Efficacy in Cytosolic Protein Delivery. <i>CCS Chemistry</i> , 2023, 5, 1411-1421.	4.6	20
2	Strategies for efficient photothermal therapy at mild temperatures: Progresses and challenges. <i>Chinese Chemical Letters</i> , 2022, 33, 575-586.	4.8	55
3	Targeted and intracellular delivery of protein therapeutics by a boronated polymer for the treatment of bone tumors. <i>Bioactive Materials</i> , 2022, 7, 333-340.	8.6	27
4	Bioinspired Integration of Naturally Occurring Molecules towards Universal and Smart Antibacterial Coatings. <i>Advanced Functional Materials</i> , 2022, 32, 2108749.	7.8	71
5	All-small-molecule supramolecular hydrogels assembled from guanosine 5'-monophosphate disodium salt and tobramycin for the treatment of bacterial keratitis. <i>Bioactive Materials</i> , 2022, 16, 293-300.	8.6	18
6	Amphipathic poly- β -peptides for intracellular protein delivery. <i>Chemical Communications</i> , 2022, 58, 4320-4323.	2.2	4
7	Fluorination Promotes the Cytosolic Delivery of Genes, Proteins, and Peptides. <i>Accounts of Chemical Research</i> , 2022, 55, 722-733.	7.6	52
8	Layer-by-Layer Assembled Smart Antibacterial Coatings via Mussel-Inspired Polymerization and Dynamic Covalent Chemistry. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200112.	3.9	33
9	A Smart Hydrogel with Anti-Biofilm and Anti-Virulence Activities to Treat <i>Pseudomonas aeruginosa</i> Infections. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200299.	3.9	12
10	A fluorinated peptide with high serum- and lipid-tolerance for the delivery of siRNA drugs to treat obesity and metabolic dysfunction. <i>Biomaterials</i> , 2022, 285, 121541.	5.7	15
11	Strategies in the delivery of Cas9 ribonucleoprotein for CRISPR/Cas9 genome editing. <i>Theranostics</i> , 2021, 11, 614-648.	4.6	200
12	Rescue the retina after the ischemic injury by polymer-mediated intracellular superoxide dismutase delivery. <i>Biomaterials</i> , 2021, 268, 120600.	5.7	37
13	A smart hydrogel for on-demand delivery of antibiotics and efficient eradication of biofilms. <i>Science China Materials</i> , 2021, 64, 1035-1046.	3.5	26
14	Targeting nanoparticles for diagnosis and therapy of bone tumors: Opportunities and challenges. <i>Biomaterials</i> , 2021, 265, 120404.	5.7	99
15	Breaking the vicious cycle between tumor cell proliferation and bone resorption by chloroquine-loaded and bone-targeted polydopamine nanoparticles. <i>Science China Materials</i> , 2021, 64, 474-487.	3.5	12
16	Editorial: Novel Nanotechnology for Diagnosing and Treating Eye Disorders. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 639230.	2.0	0
17	Design of polymers for siRNA delivery: Recent progress and challenges. <i>View</i> , 2021, 2, 20200026.	2.7	29
18	Polycatechol Mediated Small Interfering RNA Delivery for the Treatment of Ulcerative Colitis. <i>Advanced Functional Materials</i> , 2021, 31, 2101646.	7.8	30

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19	Nanomedicines for the treatment of glaucoma: Current status and future perspectives. <i>Acta Biomaterialia</i> , 2021, 125, 41-56.	4.1	12
20	Design of Polymers for Intracellular Protein and Peptide Delivery. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1443-1449.	2.6	41
21	Aminoglycoside-Based Biomaterials: From Material Design to Antibacterial and Gene Delivery Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2103718.	7.8	28
22	A manganese (II)-based coordinative dendrimer with robust efficiency in intracellular peptide delivery. <i>Bioactive Materials</i> , 2021, 9, 44-53.	8.6	22
23	A pH-Responsive Phase-Transition Polymer with High Serum Stability in Cytosolic Protein Delivery. <i>Nano Letters</i> , 2021, 21, 7855-7861.	4.5	28
24	Fluoropolymers in biomedical applications: state-of-the-art and future perspectives. <i>Chemical Society Reviews</i> , 2021, 50, 5435-5467.	18.7	151
25	Stimuli-responsive polydopamine-based smart materials. <i>Chemical Society Reviews</i> , 2021, 50, 8319-8343.	18.7	262
26	Therapeutic Nanoparticles from Grape Seed for Modulating Oxidative Stress. <i>Small</i> , 2021, 17, e2102485.	5.2	57
27	Dynamic Polymer Amphiphiles for Efficient Intracellular and In Vivo Protein Delivery. <i>Advanced Materials</i> , 2021, 33, e2104355.	11.1	46
28	Library Screening to Identify Highly-Effective Autophagy Inhibitors for Improving Photothermal Cancer Therapy. <i>Nano Letters</i> , 2021, 21, 9476-9484.	4.5	9
29	A Duplex CRISPR-Cas9 Ribonucleoprotein Nanomedicine for Colorectal Cancer Gene Therapy. <i>Nano Letters</i> , 2021, 21, 9761-9771.	4.5	38
30	All-small-molecule dynamic covalent gels with antibacterial activity by boronate-tannic acid gelation. <i>Chinese Chemical Letters</i> , 2020, 31, 869-874.	4.8	67
31	A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery. <i>Angewandte Chemie</i> , 2020, 132, 4741-4749.	1.6	8
32	A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4711-4719.	7.2	128
33	Stimuli-Responsive Hydrogels with Antibacterial Activity Assembled from Guanosine, Aminoglycoside, and a Bifunctional Anchor. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901329.	3.9	57
34	Boronic acid-rich dendrimer for efficient intracellular peptide delivery. <i>Science China Materials</i> , 2020, 63, 620-628.	3.5	31
35	Peptide modified polycations with pH triggered lytic activity for efficient gene delivery. <i>Biomaterials Science</i> , 2020, 8, 6301-6308.	2.6	4
36	Carrier-Free Platinum Nanomedicine for Targeted Cancer Therapy. <i>Small</i> , 2020, 16, e2004829.	5.2	28

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37	Natural polyphenols in drug delivery systems: Current status and future challenges. <i>Giant</i> , 2020, 3, 100022.	2.5	102
38	The REG1 ³ inhibitor NIP30 increases sensitivity to chemotherapy in p53-deficient tumor cells. <i>Nature Communications</i> , 2020, 11, 3904.	5.8	10
39	Fluoroalkylation promotes cytosolic peptide delivery. <i>Science Advances</i> , 2020, 6, eaaz1774.	4.7	80
40	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020, 15, 1043-1052.	15.6	332
41	Amplification of oxidative stress via intracellular ROS production and antioxidant consumption by two natural drug-encapsulated nanoagents for efficient anticancer therapy. <i>Nanoscale Advances</i> , 2020, 2, 3872-3881.	2.2	13
42	In Vivo Tracking of Fluorinated Polypeptide Gene Carriers by Positron Emission Tomography Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45763-45771.	4.0	21
43	Bifunctional and Bioreducible Dendrimer Bearing a Fluoroalkyl Tail for Efficient Protein Delivery Both In Vitro and In Vivo. <i>Nano Letters</i> , 2020, 20, 8600-8607.	4.5	51
44	Polydopamine Nanomaterials: Metal-Containing Polydopamine Nanomaterials: Catalysis, Energy, and Theranostics (Small 18/2020). <i>Small</i> , 2020, 16, 2070102.	5.2	4
45	Natural polyphenol assisted delivery of single-strand oligonucleotides by cationic polymers. <i>Gene Therapy</i> , 2020, 27, 383-391.	2.3	27
46	An elastic gel consisting of natural polyphenol and pluronic for simultaneous dura sealing and treatment of spinal cord injury. <i>Journal of Controlled Release</i> , 2020, 323, 613-623.	4.8	25
47	Metal-Containing Polydopamine Nanomaterials: Catalysis, Energy, and Theranostics. <i>Small</i> , 2020, 16, e1907042.	5.2	240
48	InnenrÄ¼cktitelbild: A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery (Angew. Chem. 12/2020). <i>Angewandte Chemie</i> , 2020, 132, 5000-5000.	1.6	0
49	Tailoring guanidyl-rich polymers for efficient cytosolic protein delivery. <i>Journal of Controlled Release</i> , 2020, 320, 412-420.	4.8	56
50	Melanin-like nanoparticles loaded with an angiotensin antagonist for an improved photothermal cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 1658-1668.	2.6	14
51	Boronic acid-engineered gold nanoparticles for cytosolic protein delivery. <i>Biomaterials Science</i> , 2020, 8, 3741-3750.	2.6	18
52	Natural Polyphenol Inspired Polycatechols for Efficient siRNA Delivery. <i>CCS Chemistry</i> , 2020, 2, 146-157.	4.6	71
53	S,S-Tetrazine-Based Hydrogels with Visible Light Cleavable Properties for On-Demand Anticancer Drug Delivery. <i>Research</i> , 2020, 2020, 6563091.	2.8	12
54	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizer-Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. <i>Advanced Functional Materials</i> , 2019, 29, 1901932.	7.8	102

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55	Smart Hydrogels with Antibacterial Properties Built from All Natural Building Blocks. <i>Chemistry of Materials</i> , 2019, 31, 7678-7685.	3.2	97
56	Off-on switching of enzyme activity by near-infrared light-induced photothermal phase transition of nanohybrids. <i>Science Advances</i> , 2019, 5, eaaw4252.	4.7	58
57	Polymers for cytosolic protein delivery. <i>Biomaterials</i> , 2019, 218, 119358.	5.7	187
58	All-small-molecule dynamic covalent hydrogels with multistimuli responsiveness. <i>Materials Chemistry Frontiers</i> , 2019, 3, 472-475.	3.2	27
59	A pH-responsive hydrogel with potent antibacterial activity against both aerobic and anaerobic pathogens. <i>Biomaterials Science</i> , 2019, 7, 581-584.	2.6	59
60	A boronic acid-rich dendrimer with robust and unprecedented efficiency for cytosolic protein delivery and CRISPR-Cas9 gene editing. <i>Science Advances</i> , 2019, 5, eaaw8922.	4.7	273
61	G-quadruplex-based antiviral hydrogels by direct gelation of clinical drugs. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1323-1327.	3.2	22
62	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. <i>Small</i> , 2019, 15, e1900936.	5.2	57
63	Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. <i>Biomaterials</i> , 2019, 207, 1-9.	5.7	118
64	Natural Polyphenols Augment Cytosolic Protein Delivery by a Functional Polymer. <i>Chemistry of Materials</i> , 2019, 31, 1956-1965.	3.2	81
65	Melanin-like nanoparticles decorated with an autophagy-inducing peptide for efficient targeted photothermal therapy. <i>Biomaterials</i> , 2019, 203, 63-72.	5.7	149
66	One stone with two birds: Phytic acid-capped platinum nanoparticles for targeted combination therapy of bone tumors. <i>Biomaterials</i> , 2019, 194, 130-138.	5.7	54
67	A Guanidinium-Rich Polymer for Efficient Cytosolic Delivery of Native Proteins. <i>Bioconjugate Chemistry</i> , 2019, 30, 413-417.	1.8	47
68	A Carboxyl-Terminated Dendrimer Enables Osteolytic Lesion Targeting and Photothermal Ablation of Malignant Bone Tumors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 160-168.	4.0	32
69	A degradable hydrogel formed by dendrimer-encapsulated platinum nanoparticles and oxidized dextran for repeated photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2474-2480.	2.9	44
70	A Self-Assembled Coumarin-Anchored Dendrimer for Efficient Gene Delivery and Light-Responsive Drug Delivery. <i>Biomacromolecules</i> , 2018, 19, 2194-2201.	2.6	53
71	The fluorination effect of fluoroamphiphiles in cytosolic protein delivery. <i>Nature Communications</i> , 2018, 9, 1377.	5.8	233
72	A Nanocomposite Hydrogel with Potent and Broad-Spectrum Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15163-15173.	4.0	159

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73	Foe to Friend: Supramolecular Nanomedicines Consisting of Natural Polyphenols and Bortezomib. <i>Nano Letters</i> , 2018, 18, 7045-7051.	4.5	109
74	Green Tea Catechin Dramatically Promotes RNAi Mediated by Low-Molecular-Weight Polymers. <i>ACS Central Science</i> , 2018, 4, 1326-1333.	5.3	135
75	Statistical <i>versus</i> block fluoropolymers in gene delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7230-7238.	2.9	31
76	Multifunctional melanin-like nanoparticles for bone-targeted chemo-photothermal therapy of malignant bone tumors and osteolysis. <i>Biomaterials</i> , 2018, 183, 10-19.	5.7	105
77	Fluoropolymers for intracellular and in vivo protein delivery. <i>Biomaterials</i> , 2018, 182, 167-175.	5.7	100
78	Skin Pigmentation-Inspired Polydopamine Sunscreens. <i>Advanced Functional Materials</i> , 2018, 28, 1802127.	7.8	122
79	A smart aminoglycoside hydrogel with tunable gel degradation, on-demand drug release, and high antibacterial activity. <i>Journal of Controlled Release</i> , 2017, 247, 145-152.	4.8	148
80	A Polydopamine Nanoparticle-Knotted Poly(ethylene glycol) Hydrogel for On-Demand Drug Delivery and Chemo-photothermal Therapy. <i>Chemistry of Materials</i> , 2017, 29, 1370-1376.	3.2	182
81	Rational Design of a Polymer with Robust Efficacy for Intracellular Protein and Peptide Delivery. <i>Nano Letters</i> , 2017, 17, 1678-1684.	4.5	156
82	A core-shell structured polyplex for efficient and non-toxic gene delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5101-5108.	2.9	11
83	Dynamic Modulation of Enzyme Activity by Near-Infrared Light. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6767-6772.	7.2	86
84	Dynamic Modulation of Enzyme Activity by Near-Infrared Light. <i>Angewandte Chemie</i> , 2017, 129, 6871-6876.	1.6	28
85	Fabrication of Low-Generation Dendrimers into Nanostructures for Efficient and Nontoxic Gene Delivery. <i>Topics in Current Chemistry</i> , 2017, 375, 62.	3.0	17
86	A Combination of Guanidyl and Phenyl Groups on a Dendrimer Enables Efficient siRNA and DNA Delivery. <i>Biomacromolecules</i> , 2017, 18, 2371-2378.	2.6	53
87	Dynamic Softening or Stiffening a Supramolecular Hydrogel by Ultraviolet or Near-Infrared Light. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24511-24517.	4.0	63
88	Autophagy inhibition enabled efficient photothermal therapy at a mild temperature. <i>Biomaterials</i> , 2017, 141, 116-124.	5.7	143
89	Osteotropic peptide-mediated bone targeting for photothermal treatment of bone tumors. <i>Biomaterials</i> , 2017, 114, 97-105.	5.7	57
90	A thermo-degradable hydrogel with light-tunable degradation and drug release. <i>Biomaterials</i> , 2017, 112, 133-140.	5.7	98

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91	Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 5971-5978.	7.8	60
92	Dendrimer-Templated Ultrasmall and Multifunctional Photothermal Agents for Efficient Tumor Ablation. <i>ACS Nano</i> , 2016, 10, 4863-4872.	7.3	100
93	Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy (<i>Adv. Funct. Mater.</i> 33/2016). <i>Advanced Functional Materials</i> , 2016, 26, 5950-5950.	7.8	2
94	Structure-activity relationships of fluorinated dendrimers in DNA and siRNA delivery. <i>Acta Biomaterialia</i> , 2016, 46, 204-210.	4.1	46
95	Enhanced siRNA delivery of a cyclododecylated dendrimer compared to its linear derivative. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5654-5658.	2.9	6
96	Screening of efficient siRNA carriers in a library of surface-engineered dendrimers. <i>Scientific Reports</i> , 2016, 6, 25069.	1.6	37
97	Screening of efficient polymers for siRNA delivery in a library of hydrophobically modified polyethyleneimines. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6468-6474.	2.9	39
98	Injectable and responsively degradable hydrogel for personalized photothermal therapy. <i>Biomaterials</i> , 2016, 104, 129-137.	5.7	87
99	Bone and metal targeted polymeric nanoparticles (US20150125391 A1): a patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 987-991.	2.4	1
100	How can we use dendrimer-templated ultrasmall and multifunctional nanoparticles in photothermal cancer therapy?. <i>Nanomedicine</i> , 2016, 11, 3181-3183.	1.7	2
101	A Facile Strategy to Prepare Dendrimer-stabilized Gold Nanorods with Sub-10-nm Size for Efficient Photothermal Cancer Therapy. <i>Scientific Reports</i> , 2016, 6, 22764.	1.6	29
102	Clustering Small Dendrimers into Nanoaggregates for Efficient DNA and siRNA Delivery with Minimal Toxicity. <i>Advanced Healthcare Materials</i> , 2016, 5, 584-592.	3.9	33
103	Stimuli-responsive dendrimers in drug delivery. <i>Biomaterials Science</i> , 2016, 4, 375-390.	2.6	168
104	Temperature-Responsive Gene Silencing by a Smart Polymer. <i>Bioconjugate Chemistry</i> , 2016, 27, 495-499.	1.8	11
105	Structure-activity relationship of dendrimers engineered with twenty common amino acids in gene delivery. <i>Acta Biomaterialia</i> , 2016, 29, 94-102.	4.1	40
106	Multi-responsive photothermal-chemotherapy with drug-loaded melanin-like nanoparticles for synergetic tumor ablation. <i>Biomaterials</i> , 2016, 81, 114-124.	5.7	362
107	Tailoring the dendrimer core for efficient gene delivery. <i>Acta Biomaterialia</i> , 2016, 35, 1-11.	4.1	73
108	Being Two Is Better than Being One: A Facile Strategy to Fabricate Multicomponent Nanoparticles for Efficient Gene Delivery. <i>Bioconjugate Chemistry</i> , 2016, 27, 638-646.	1.8	6

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109	Fluorinated dendrimer for TRAIL gene therapy in cancer treatment. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1354-1360.	2.9	33
110	Self-assembled fluorodendrimers in the co-delivery of fluorinated drugs and therapeutic genes. <i>Polymer Chemistry</i> , 2016, 7, 2319-2322.	1.9	32
111	Near infrared light-responsive and injectable supramolecular hydrogels for on-demand drug delivery. <i>Chemical Communications</i> , 2016, 52, 978-981.	2.2	134
112	Improving gene transfection efficacy of low generation dendrimers through specific hydrogen-bond recognition. <i>Journal of Controlled Release</i> , 2015, 213, e82-e83.	4.8	1
113	Self-assembled fluorodendrimers allow efficient transfection with ultra-low DNA dose. <i>Journal of Controlled Release</i> , 2015, 213, e42.	4.8	2
114	Self-Assembled Fluorodendrimers Combine the Features of Lipid and Polymeric Vectors in Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11647-11651.	7.2	152
115	Catechol-grafted dendrimer with a neutral shell allows pH-triggered controlled release of bortezomib. <i>Journal of Controlled Release</i> , 2015, 213, e78-e79.	4.8	1
116	Tumor extracellular acidity activated controlled release of bortezomib from a biocompatible dendrimer. <i>Biomaterials Science</i> , 2015, 3, 480-489.	2.6	41
117	Triazine-modified dendrimer for efficient TRAIL gene therapy in osteosarcoma. <i>Acta Biomaterialia</i> , 2015, 17, 115-124.	4.1	47
118	Hydrogen-bonding dramatically modulates the gene transfection efficacy of surface-engineered dendrimers. <i>Biomaterials Science</i> , 2015, 3, 500-508.	2.6	11
119	Trifolium-like Platinum Nanoparticle-Mediated Photothermal Therapy Inhibits Tumor Growth and Osteolysis in a Bone Metastasis Model. <i>Small</i> , 2015, 11, 2080-2086.	5.2	87
120	A supramolecular approach to improve the gene transfection efficacy of dendrimers. <i>Chemical Communications</i> , 2015, 51, 9741-9743.	2.2	8
121	Polymers modified with double-tailed fluororous compounds for efficient DNA and siRNA delivery. <i>Acta Biomaterialia</i> , 2015, 22, 111-119.	4.1	35
122	Surface-Engineered Dendrimers in Gene Delivery. <i>Chemical Reviews</i> , 2015, 115, 5274-5300.	23.0	369
123	Efficient delivery of small interfering RNA into cancer cells using dodecylated dendrimers. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8197-8202.	2.9	12
124	Dramatic shape transformation of Ag nanoparticles with concave facets in a solvothermal process. <i>CrystEngComm</i> , 2015, 17, 7469-7472.	1.3	4
125	Transdermal delivery of therapeutic agents using dendrimers (US20140018435A1): a patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 1209-1214.	2.4	17
126	Triggered release of anticancer drugs from PEGylated polydopamine nanospheres by near-infrared light. <i>Journal of Controlled Release</i> , 2015, 213, e122.	4.8	5

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127	Nucleobase-modified dendrimers as nonviral vectors for efficient and low cytotoxic gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 1148-1155.	2.5	14
128	Fluorination on polyethylenimine allows efficient 2D and 3D cell culture gene delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 642-650.	2.9	60
129	Fluorinated poly(propylenimine) dendrimers as gene vectors. <i>Biomaterials</i> , 2014, 35, 5407-5413.	5.7	131
130	Dendrimerâ€“surfactant interactions. <i>Soft Matter</i> , 2014, 10, 2714.	1.2	26
131	A fluorinated dendrimer achieves excellent gene transfection efficacy at extremely low nitrogen to phosphorus ratios. <i>Nature Communications</i> , 2014, 5, 3053.	5.8	329
132	Surface-Engineered Dendrimers with a Diaminododecane Core Achieve Efficient Gene Transfection and Low Cytotoxicity. <i>Bioconjugate Chemistry</i> , 2014, 25, 342-350.	1.8	44
133	Synergistic effect of amino acids modified on dendrimer surface in gene delivery. <i>Biomaterials</i> , 2014, 35, 9187-9198.	5.7	74
134	The effect of fluorination on the transfection efficacy of surface-engineered dendrimers. <i>Biomaterials</i> , 2014, 35, 6603-6613.	5.7	76
135	Hybrid Anion Exchange Hollow Fiber Membrane for Delivery of Ionic Drugs. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-9.	1.4	2
136	Disulfide Cross-Linked Low Generation Dendrimers with High Gene Transfection Efficacy, Low Cytotoxicity, and Low Cost. <i>Journal of the American Chemical Society</i> , 2012, 134, 17680-17687.	6.6	221
137	Hostâ€“Guest Chemistry of Dendrimerâ€“Cyclodextrin Conjugates: Selective Encapsulations of Guests within Dendrimer or Cyclodextrin Cavities Revealed by NOE NMR Techniques. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11217-11224.	1.2	42
138	Interactions between oppositely charged dendrimers. <i>Soft Matter</i> , 2012, 8, 9800.	1.2	14
139	NMR Insights into Dendrimer-Based Hostâ€“Guest Systems. <i>Chemical Reviews</i> , 2012, 112, 3856-3891.	23.0	147
140	Gold Nanocages: From Synthesis to Theranostic Applications. <i>Accounts of Chemical Research</i> , 2011, 44, 914-924.	7.6	755
141	Design of biocompatible dendrimers for cancer diagnosis and therapy: current status and future perspectives. <i>Chemical Society Reviews</i> , 2011, 40, 2673.	18.7	481
142	High-Throughput Screening of Dendrimer-Binding Drugs. <i>Journal of the American Chemical Society</i> , 2010, 132, 13182-13184.	6.6	57
143	Gold nanocages covered by smart polymers for controlled release with near-infrared light. <i>Nature Materials</i> , 2009, 8, 935-939.	13.3	1,335