Huayu Tian

List of Publications by Year
in descending order

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Version: 2024-02-01

141 papers	7,951 citations	44042 48 h-index	54882 84 g-index
145 all docs	145 docs citations	145 times ranked	9949 citing authors

#	Article	IF	Citations
1	Gene-guided OX40L anchoring to tumor cells for synergetic tumor â€œself-killingâ€•immunotherapy. Bioactive Materials, 2023, 25, 689-700.	8.6	5
2	Dual Reactive Oxygen Species Generator Independent of Light and Oxygen for Tumor Imaging and Catalytic Therapy. CCS Chemistry, 2022, 4, 2321-2332.	4.6	7
3	Combining mannose receptor mediated nanovaccines and gene regulated PD-L1 blockade for boosting cancer immunotherapy. Bioactive Materials, 2022, 7, 167-180.	8.6	46
4	Enhancing the drug sensitivity of antibiotics on drug-resistant bacteria via the photothermal effect of FeTGNPs. Journal of Controlled Release, 2022, 341, 51-59.	4.8	13
5	Opportunities and Challenges for mRNA Delivery Nanoplatforms. Journal of Physical Chemistry Letters, 2022, 13, 1314-1322.	2.1	11
6	Metformin booster adipocyte-targeted gene therapy for the treatment of obesity and related metabolic syndromes. Science China Chemistry, 2022, 65, 796-809.	4.2	4
7	Metal-organic framework-mediated multifunctional nanoparticles for combined chemo-photothermal therapy and enhanced immunotherapy against colorectal cancer. Acta Biomaterialia, 2022, 144, 132-141.	4.1	38
8	Molecular Strings Modified Gene Delivery System. Biomaterial Engineering, 2022, , 1-37.	0.1	0
9	Preparation and Evaluation of Supramolecular Hydrogels for Localized Sustained Gene Delivery. Biomaterial Engineering, 2022, , 253-268.	0.1	0
10	Charge/Size Dual-Rebound Gene Delivery System. Biomaterial Engineering, 2022, , 39-59.	0.1	0
11	Synthetic Helical Polypeptide as a Gene Transfection Enhancer. Biomacromolecules, 2022, 23, 2867-2877.	2.6	7
12	Sepsis Treatment Strategies Based on Nanomaterials^{â€»}. Acta Chimica Sinica, 2022, 80, 668.	0.5	1
13	Effective Eradication of Tumors by Enhancing Photoacousticâ€•imagingâ€Guided Combined Photothermal Therapy and Ultrasonic Therapy. Advanced Functional Materials, 2021, 31, 2009314.	7.8	28
14	Enhancers in polymeric nonviral gene delivery systems. View, 2021, 2, 20200072.	2.7	7
15	Polymerization and coordination synergistically constructed photothermal agents for macrophages-mediated tumor targeting diagnosis and therapy. Biomaterials, 2021, 264, 120382.	5.7	22
16	Synthesis of Copolymers Polyethyleneimineâ€coâ€Polyphenylalanine as Gene and Drug Codelivery Carrier. Macromolecular Bioscience, 2021, 21, e2100033.	2.1	1
17	Cationic Flexible Organic Framework for Combination of Photodynamic Therapy and Genetic Immunotherapy Against Tumors. Small, 2021, 17, e2008125.	5.2	19
18	A Cationic Metalâ€“Organic Framework to Scavenge Cell-Free DNA for Severe Sepsis Management. Nano Letters, 2021, 21, 2461-2469.	4.5	39

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19	Chitosan hydrogel loaded with recombinant protein containing epitope C from HSP90 of Candida albicans induces protective immune responses against systemic candidiasis. International Journal of Biological Macromolecules, 2021, 173, 327-340.	3.6	12
20	Prodrug-Based Versatile Nanomedicine with Simultaneous Physical and Physiological Tumor Penetration for Enhanced Cancer Chemo-Immunotherapy. Nano Letters, 2021, 21, 3721-3730.	4.5	41
21	Covalent organic framework nanoparticles for anti-tumor gene therapy. Science China Chemistry, 2021, 64, 1235-1241.	4.2	22
22	In situ vaccination and gene-mediated PD-L1 blockade for enhanced tumor immunotherapy. Chinese Chemical Letters, 2021, 32, 1770-1774.	4.8	41
23	Targeting dual gene delivery nanoparticles overcomes immune checkpoint blockade induced adaptive resistance and regulates tumor microenvironment for improved tumor immunotherapy. Nano Today, 2021, 38, 101194.	6.2	29
24	Photothermal-Chemotherapy Enhancing Tumor Immunotherapy by Multifunctional Metalâ€“Organic Framework Based Drug Delivery System. Nano Letters, 2021, 21, 7796-7805.	4.5	61
25	Precise regulation of inflammation and immunosuppressive microenvironment for amplified photothermal/immunotherapy against tumour recurrence and metastasis. Nano Today, 2021, 40, 101266.	6.2	36
26	Molecular Strings Modified Gene Delivery System. Biomaterial Engineering, 2021, , 1-37.	0.1	0
27	Combination of epigenetic regulation with gene therapy-mediated immune checkpoint blockade induces anti-tumour effects and immune response in vivo. Nature Communications, 2021, 12, 6742.	5.8	45
28	Charge/Size Dual-Rebound Gene Delivery System. Biomaterial Engineering, 2021, , 1-21.	0.1	0
29	Highly Effective Crosslinker for Redox-Sensitive Gene Carriers. Advances in Polymer Technology, 2021, 2021, 1-9.	0.8	5
30	Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation. Biomaterials, 2020, 230, 119617.	5.7	162
31	A glutathione-depleting chemodynamic therapy agent with photothermal and photoacoustic properties for tumor theranostics. Nanoscale, 2020, 12, 1349-1355.	2.8	33
32	An immune cocktail therapy to realize multiple boosting of the cancer-immunity cycle by combination of drug/gene delivery nanoparticles. Science Advances, 2020, 6, .	4.7	81
33	Nanozyme-mediated cascade reaction based on metal-organic framework for synergetic chemo-photodynamic tumor therapy. Journal of Controlled Release, 2020, 328, 631-639.	4.8	56
34	Fe-TCPP@CS nanoparticles as photodynamic and photothermal agents for efficient antimicrobial therapy. Biomaterials Science, 2020, 8, 6526-6532.	2.6	36
35	Highly Enhanced Antitumor Immunity by a Three-Barreled Strategy of the <scp>l</scp>-Arginine-Promoted Nanovaccine and Gene-Mediated PD-L1 Blockade. ACS Applied Materials & Interfaces, 2020, 12, 41127-41137.	4.0	19
36	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. Science Advances, 2020, 6, eaay7148.	4.7	94

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37	Aza-crown ether locked on polyethyleneimine: solving the contradiction between transfection efficiency and safety during in vivo gene delivery. Chemical Communications, 2020, 56, 5552-5555.	2.2	10
38	Helix Self-Assembly Behavior of Amino Acid-Modified Camptothecin Prodrugs and Its Antitumor Effect. ACS Applied Materials & Interfaces, 2020, 12, 7466-7476.	4.0	26
39	Poly(<scp>l</scp>-glutamic acid)-Based Zwitterionic Polymer in a Charge Conversional Shielding System for Gene Therapy of Malignant Tumors. ACS Applied Materials & Interfaces, 2020, 12, 19295-19306.	4.0	23
40	Preparation of poly(glutamic acid) shielding micelles self-assembled from polylysine-b-polyphenylalanine for gene and drug codelivery. Chinese Chemical Letters, 2020, 31, 1427-1431.	4.8	18
41	Synergistic tumor immunological strategy by combining tumor nanovaccine with gene-mediated extracellular matrix scavenger. Biomaterials, 2020, 252, 120114.	5.7	58
42	A GSHâ€Gated DNA Nanodevice for Tumorâ€Specific Signal Amplification of microRNA and MR Imagingâ€“Guided Theranostics. Small, 2019, 15, e1903016.	5.2	58
43	Doxorubicin-loaded nanoscale metalâ€“organic framework for tumor-targeting combined chemotherapy and chemodynamic therapy. Biomaterials Science, 2019, 7, 4615-4623.	2.6	119
44	A Tumorâ€Microenvironmentâ€Activated Nanozymeâ€Mediated Theranostic Nanoreactor for Imagingâ€Guided Combined Tumor Therapy. Advanced Materials, 2019, 31, e1902885.	11.1	246
45	Exploration of Fe^{III}-Phenol Complexes for Photothermal Therapy and Photoacoustic Imaging. ACS Biomaterials Science and Engineering, 2019, 5, 4700-4707.	2.6	35
46	Cyanine-Assisted Exfoliation of Covalent Organic Frameworks in Nanocomposites for Highly Efficient Chemo-Photothermal Tumor Therapy. ACS Applied Materials & Interfaces, 2019, 11, 39503-39512.	4.0	93
47	Two-dimensional nanosheets with high curcumin loading content for multimodal imaging-guided combined chemo-photothermal therapy. Biomaterials, 2019, 223, 119470.	5.7	36
48	Porphyrin-based covalent organic framework nanoparticles for photoacoustic imaging-guided photodynamic and photothermal combination cancer therapy. Biomaterials, 2019, 223, 119459.	5.7	157
49	Positive feedback nanoamplifier responded to tumor microenvironments for self-enhanced tumor imaging and therapy. Biomaterials, 2019, 216, 119255.	5.7	68
50	Covalent Organic Nanosheets Integrated Heterojunction with Two Strategies To Overcome Hypoxic-Tumor Photodynamic Therapy. Chemistry of Materials, 2019, 31, 3313-3323.	3.2	111
51	Tumor microenvironment as the â€œregulatorâ€•and â€œtargetâ€•for gene therapy. Journal of Gene Medicine, 2019, 21, e3088.	1.4	40
52	Zinc ion coordination significantly improved the transfection efficiency of low molecular weight polyethylenimine. Biomaterials Science, 2019, 7, 1716-1728.	2.6	15
53	A Strategy of Killing Three Birds with One Stone for Cancer Therapy through Regulating the Tumor Microenvironment by H₂O₂-Responsive Gene Delivery System. ACS Applied Materials & Interfaces, 2019, 11, 47785-47797.	4.0	31
54	Pulmonary delivery by exploiting doxorubicin and cisplatin co-loaded nanoparticles for metastatic lung cancer therapy. Journal of Controlled Release, 2019, 295, 153-163.	4.8	87

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55	Efficient PD-L1 gene silence promoted by hyaluronidase for cancer immunotherapy. Journal of Controlled Release, 2019, 293, 104-112.	4.8	51
56	A disassembling strategy overcomes the EPR effect and renal clearance dilemma of the multifunctional theranostic nanoparticles for cancer therapy. Biomaterials, 2019, 197, 284-293.	5.7	86
57	Polycations for Gene Delivery: Dilemmas and Solutions. Bioconjugate Chemistry, 2019, 30, 338-349.	1.8	65
58	Gold Nanorods Electrostatically Binding Nucleic Acid Probe for In Vivo MicroRNA Amplified Detection and Photoacoustic Imagingâ€Guided Photothermal Therapy. Advanced Functional Materials, 2018, 28, 1800490.	7.8	100
59	Photothermal Effect-Triggered Drug Release from Hydrogen Bonding-Enhanced Polymeric Micelles. Biomacromolecules, 2018, 19, 1950-1958.	2.6	35
60	Macrophages loaded CpG and GNR-PEI for combination of tumor photothermal therapy and immunotherapy. Science China Materials, 2018, 61, 1484-1494.	3.5	28
61	Synthesis and characterization of a hyperbranched grafting copolymer PEI-g-PLeu for gene and drug co-delivery. Journal of Materials Science: Materials in Medicine, 2018, 29, 47.	1.7	5
62	Highly enhanced cancer immunotherapy by combining nanovaccine with hyaluronidase. Biomaterials, 2018, 171, 198-206.	5.7	98
63	In situ dual-crosslinked nanoparticles for tumor targeting gene delivery. Acta Biomaterialia, 2018, 65, 349-362.	4.1	35
64	pH-Responsive Natural Polymeric Gene Delivery Shielding System Based on Dynamic Covalent Chemistry. ACS Biomaterials Science and Engineering, 2018, 4, 193-199.	2.6	12
65	Engineering Metalâ€“Organic Frameworks for Photoacoustic Imaging-Guided Chemo-/Photothermal Combinational Tumor Therapy. ACS Applied Materials & Interfaces, 2018, 10, 41035-41045.	4.0	104
66	Precise nanomedicine for intelligent therapy of cancer. Science China Chemistry, 2018, 61, 1503-1552.	4.2	336
67	Poly(ethylene glycol)-poly-<scp>l</scp>-glutamate complexed with polyethyleneimineâ”polyglycine for highly efficient gene delivery in vitro and in vivo. Biomaterials Science, 2018, 6, 3053-3062.	2.6	9
68	Polylysine-modified polyethylenimine polymer can generate genetically engineered mesenchymal stem cells for combinational suicidal gene therapy in glioblastoma. Acta Biomaterialia, 2018, 80, 144-153.	4.1	32
69	Molecular Strings Significantly Improved the Gene Transfection Efficiency of Polycations. Journal of the American Chemical Society, 2018, 140, 11992-12000.	6.6	105
70	Light-Induced Hypoxia-Triggered Living Nanocarriers for Synergistic Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 19398-19407.	4.0	62
71	BSAâ€rO₂: Catalaseâ€like Nanoparticles with High Photothermal Conversion Efficiency and a High Xâ€ray Absorption Coefficient for Antiâ€inflammation and Antitumor Theranostics. Angewandte Chemie, 2018, 130, 10466-10470.	1.6	31
72	Ionic-crosslinked polysaccharide/PEI/DNA nanoparticles for stabilized gene delivery. Carbohydrate Polymers, 2018, 201, 246-256.	5.1	40

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73	Multifunctional Theranostic Nanoparticles Derived from Fruit-Extracted Anthocyanins with Dynamic Disassembly and Elimination Abilities. ACS Nano, 2018, 12, 8255-8265.	7.3	99
74	Recent progress in cationic polymeric gene carriers for cancer therapy. Science China Chemistry, 2017, 60, 319-328.	4.2	38
75	A pH-Responsive Detachable PEG Shielding Strategy for Gene Delivery System in Cancer Therapy. Biomacromolecules, 2017, 18, 1342-1349.	2.6	113
76	Peptide-Based and Polypeptide-Based Gene Delivery Systems. Topics in Current Chemistry, 2017, 375, 32.	3.0	33
77	pH Triggered Size Increasing Gene Carrier for Efficient Tumor Accumulation and Excellent Antitumor Effect. ACS Applied Materials & Interfaces, 2017, 9, 15297-15306.	4.0	26
78	Robust Fuel Catalyzed DNA Molecular Machine for in Vivo MicroRNA Detection. Advanced Biology, 2017, 1, 1700060.	3.0	18
79	Polylysine-modified polyethylenimine (PEI-PLL) mediated VEGF gene delivery protects dopaminergic neurons in cell culture and in rat models of Parkinson's Disease (PD). Acta Biomaterialia, 2017, 54, 58-68.	4.1	39
80	Combination therapy of pDNA and siRNA by versatile carriers composed of poly(<scp>l</scp>-serine) modified polyethylenimines. Materials Chemistry Frontiers, 2017, 1, 937-946.	3.2	10
81	Dimeric camptothecin-loaded RGD-modified targeted cationic polypeptide-based micelles with high drug loading capacity and redox-responsive drug release capability. Biomaterials Science, 2017, 5, 2501-2510.	2.6	30
82	A pH-sensitive cationic micelle for siRNA delivery. Journal of Controlled Release, 2017, 259, e47.	4.8	6
83	pH-Triggered Sheddable Shielding System for Polycationic Gene Carriers. Polymers, 2016, 8, 141.	2.0	4
84	Exploring the in vivo fates of RGD and PEG modified PEI/DNA nanoparticles by optical imaging and optoacoustic imaging. RSC Advances, 2016, 6, 112552-112561.	1.7	4
85	PCLâ€“F68â€“PCL/PLGAâ€“PEGâ€“PLGA mixed micelles mediated delivery of mitoxantrone for reversing multidrug resistant in breast cancer. RSC Advances, 2016, 6, 35318-35327.	1.7	7
86	Combining disulfiram and poly(l-glutamic acid)-cisplatin conjugates for combating cisplatin resistance. Journal of Controlled Release, 2016, 231, 94-102.	4.8	54
87	Ultrasensitive pH Triggered Charge/Size Dual-Rebound Gene Delivery System. Nano Letters, 2016, 16, 6823-6831.	4.5	179
88	The suppression of metastatic lung cancer by pulmonary administration of polymer nanoparticles for co-delivery of doxorubicin and Survivin siRNA. Biomaterials Science, 2016, 4, 1646-1654.	2.6	38
89	Highly Fluorescent Gene Carrier Based on Agâ€“Au Alloy Nanoclusters. Macromolecular Bioscience, 2016, 16, 160-167.	2.1	28
90	Gold-Nanorods-Based Gene Carriers with the Capability of Photoacoustic Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2016, 8, 31558-31566.	4.0	48

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91	Production and clinical development of nanoparticles for gene delivery. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16023.	1.8	207
92	A non-viral suicide gene delivery system traversing the blood brain barrier for non-invasive glioma targeting treatment. Journal of Controlled Release, 2016, 243, 357-369.	4.8	65
93	Sulfathiazole grafted PEG-PLL as pH-sensitive shielding system for cationic gene delivery. Polymer Bulletin, 2016, 73, 3503-3511.	1.7	1
94	Co-delivery of chemotherapeutics and proteins for synergistic therapy. Advanced Drug Delivery Reviews, 2016, 98, 64-76.	6.6	178
95	Preparation of pH-responsive mesoporous hydroxyapatite nanoparticles for intracellular controlled release of an anticancer drug. Biomaterials Science, 2016, 4, 272-280.	2.6	68
96	Polyethylenimines modified by amino acids with different charge states and hydrophilic/hydrophobic properties for gene carriers. Journal of Controlled Release, 2015, 213, e41.	4.8	0
97	pH-sensitive OEI-poly(aspartic acid- b -lysine) as charge shielding system for gene delivery. Journal of Controlled Release, 2015, 213, e104.	4.8	3
98	Gold Nanoparticles for Cancer Theranostics. Chinese Journal of Chemistry, 2015, 33, 1001-1010.	2.6	26
99	Pulmonary Codelivery of Doxorubicin and siRNA by pHâ€Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. Small, 2015, 11, 4321-4333.	5.2	92
100	Novel microcapsules for drug and gene delivery. Journal of Controlled Release, 2015, 213, e130-e131.	4.8	1
101	pH and reduction-sensitive disulfide cross-linked polyurethane micelles for bio-triggered anti-tumor drug delivery. Journal of Controlled Release, 2015, 213, e99-e100.	4.8	6
102	Hyaluronic acid based injectable hydrogels for localized and sustained gene delivery. Journal of Controlled Release, 2015, 213, e140-e141.	4.8	13
103	Codelivery of Antitumor Drug and Gene by a pH-Sensitive Charge-Conversion System. ACS Applied Materials & Interfaces, 2015, 7, 3207-3215.	4.0	62
104	Synergistic treatment of cancer stem cells by combinations of antioncogenes and doxorubicin. Journal of Drug Delivery Science and Technology, 2015, 30, 417-423.	1.4	8
105	miRNA oligonucleotide and sponge for miRNA-21 inhibition mediated by PEI-PLL in breast cancer therapy. Acta Biomaterialia, 2015, 25, 184-193.	4.1	95
106	5-Fluorouracil loaded thermosensitive PLGAâ€“PEGâ€“PLGA hydrogels for the prevention of postoperative tendon adhesion. RSC Advances, 2015, 5, 25295-25303.	1.7	22
107	Guanidinated Thioureaâ€Decorated Polyethylenimines for Enhanced Membrane Penetration and Efficient siRNA Delivery. Advanced Healthcare Materials, 2015, 4, 1369-1375.	3.9	9
108	Intracellular pH-responsive mesoporous hydroxyapatite nanoparticles for targeted release of anticancer drug. RSC Advances, 2015, 5, 30920-30928.	1.7	29

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109	Injectable polysaccharide hybrid hydrogels as scaffolds for burn wound healing. RSC Advances, 2015, 5, 94248-94256.	1.7	56
110	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGAâ€“PEGâ€“PLGA hydrogels for localized and combined treatment of human osteosarcoma. Journal of Controlled Release, 2015, 213, e18.	4.8	8
111	Charge-conversional zwitterionic copolymer as pH-sensitive shielding system for effective tumor treatment. Acta Biomaterialia, 2015, 26, 45-53.	4.1	54
112	A pH sensitive co-delivery system of siRNA and doxorubicin for pulmonary administration to B16F10 metastatic lung cancer. RSC Advances, 2015, 5, 103380-103385.	1.7	22
113	Efficient recovery of precious metal based on Auâ€“S bond and electrostatic interaction. Green Chemistry, 2014, 16, 4875-4878.	4.6	41
114	Hydrophobic Polyalanine Modified Hyperbranched Polyethylenimine as High Efficient pDNA and siRNA Carrier. Macromolecular Bioscience, 2014, 14, 1406-1414.	2.1	21
115	pH-responsive zwitterionic copolypeptides as charge conversional shielding system for gene carriers. Journal of Controlled Release, 2014, 174, 117-125.	4.8	99
116	Pulmonary Drugs and Genes Delivery Systems for Lung Disease Treatment. Chinese Journal of Chemistry, 2014, 32, 13-21.	2.6	11
117	New bio-renewable polyester with rich side amino groups from <scp>l</scp>-lysine via controlled ring-opening polymerization. Polymer Chemistry, 2014, 5, 6495-6502.	1.9	46
118	Thiourea modified polyethylenimine for efficient gene delivery mediated by the combination of electrostatic interactions and hydrogen bonds. Polymer Chemistry, 2014, 5, 3598.	1.9	25
119	Synergistic co-delivery of doxorubicin and paclitaxel by porous PLGA microspheres for pulmonary inhalation treatment. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 1086-1093.	2.0	97
120	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGA-PEG-PLGA hydrogels for osteosarcoma treatment. Biomaterials, 2014, 35, 8723-8734.	5.7	136
121	A pH-sensitive charge-conversion system for doxorubicin delivery. Acta Biomaterialia, 2013, 9, 7672-7678.	4.1	78
122	Polylysine-modified polyethylenimine inducing tumor apoptosis as an efficient gene carrier. Journal of Controlled Release, 2013, 172, 410-418.	4.8	54
123	Nanoparticles for Gene Delivery. Small, 2013, 9, 2034-2044.	5.2	120
124	A Serumâ€Tolerant Hydroxylâ€Modified Polyethylenimine as Versatile Carriers of pDNA/siRNA. Macromolecular Bioscience, 2013, 13, 512-522.	2.1	22
125	Effective Tumor Treatment by <scp>VEGF</scp> si<scp>RNA</scp> Complexed with Hydrophobic Poly(<scp>A</scp>mino Acid)â€<scp>M</scp>odified Polyethylenimine. Macromolecular Bioscience, 2013, 13, 1438-1446.	2.1	23
126	Nâ€Isopropylacrylamideâ€Modified Polyethylenimines as Effective Gene Carriers. Macromolecular Bioscience, 2012, 12, 1680-1688.	2.1	31

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127	PEI Conjugated Gold Nanoparticles: Efficient Gene Carriers with Visible Fluorescence. Advanced Healthcare Materials, 2012, 1, 337-341.	3.9	37
128	Hydrophobic poly (amino acid) modified PEI mediated delivery of rev-casp-3 for cancer therapy. Biomaterials, 2012, 33, 4589-4596.	5.7	75
129	Biodegradable synthetic polymers: Preparation, functionalization and biomedical application. Progress in Polymer Science, 2012, 37, 237-280.	11.8	1,103
130	Hyperbranched PEI grafted by hydrophilic amino acid segment poly[Nâ€(2â€hydroxyethyl)â€<scp>L</scp>â€glutamine] as an efficient nonviral gene carrier. Journal of Applied Polymer Science, 2012, 123, 2257-2265.	1.3	10
131	Oligoethylenimines Grafted to PEGylated Poly(Î²-amino ester)s for Gene Delivery. Biomacromolecules, 2011, 12, 1024-1031.	2.6	20
132	RGD targeting hyaluronic acid coating system for PEI-PBLG polycation gene carriers. Journal of Controlled Release, 2011, 155, 47-53.	4.8	125
133	Biodegradable mPEG-b-P(MCC-g-OEI) copolymers for efficient gene delivery. Journal of Controlled Release, 2011, 152, 135-142.	4.8	57
134	Hydrophobic Polyphenylalanineâ€grafted Hyperbranched Polyethylenimine and its in vitro Gene Transfection. Macromolecular Bioscience, 2011, 11, 211-218.	2.1	33
135	Synthesis and characterization of a pH-sensitive shielding system for polycation gene carriers. Science China Chemistry, 2010, 53, 502-507.	4.2	26
136	Bioreducible crosslinked low molecular weight branched PEI-PBLG as an efficient gene carrier. Science China Chemistry, 2010, 53, 2490-2496.	4.2	8
137	Multiâ€armed poly(<scp>L</scp>â€glutamic acid)â€graftâ€oligoethylenimine copolymers as efficient nonviral gene delivery vectors. Journal of Gene Medicine, 2010, 12, 64-76.	1.4	47
138	A Highly Efficient siRNA Carrier of PBLG Modified Hyperbranched PEI. Macromolecular Bioscience, 2009, 9, 1247-1253.	2.1	31
139	Recent developments in intelligent biomedical polymers. Science in China Series B: Chemistry, 2009, 52, 117-130.	0.8	16
140	Gene transfection of hyperbranched PEI grafted by hydrophobic amino acid segment PBLG. Biomaterials, 2007, 28, 2899-2907.	5.7	186
141	Micellization and Reversible pH-Sensitive Phase Transfer of the Hyperbranched Multiarm PEIâ€“PBLG Copolymer. Chemistry - A European Journal, 2006, 12, 4305-4312.	1.7	85