

David Oupicky

List of Publications by Year in descending order

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184
papers

9,408
citations

31976

53
h-index

48315

88
g-index

187
all docs

187
docs citations

187
times ranked

10950
citing authors

#	ARTICLE	IF	CITATIONS
1	Preferential siRNA delivery to injured kidneys for combination treatment of acute kidney injury. <i>Journal of Controlled Release</i> , 2022, 341, 300-313.	9.9	19
2	Neurodegenerative disorders management: state-of-art and prospects of nano-biotechnology. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 1180-1212.	9.0	22
3	Crosslinked Protein Delivery Strategy with Precise Activity Regulation Properties for Cancer Therapy and Gene Editing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102329.	7.6	1
4	Attractive/adhesion force dual-regulatory nanogels capable of CXCR4 antagonism and autophagy inhibition for the treatment of metastatic breast cancer. <i>Journal of Controlled Release</i> , 2022, 341, 892-903.	9.9	12
5	Perfluorocarbon Nanoemulsions Enhance Therapeutic siRNA Delivery in the Treatment of Pulmonary Fibrosis. <i>Advanced Science</i> , 2022, 9, e2103676.	11.2	13
6	Nanoemulsion-Assisted siRNA Delivery to Modulate the Nervous Tumor Microenvironment in the Treatment of Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10015-10029.	8.0	3
7	Breaking Immunosuppressive Barriers by Engineered Nanoplatfoms for Turning Cold Tumor to Hot. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	3
8	Dually Active Polycation/miRNA Nanoparticles for the Treatment of Fibrosis in Alcohol-Associated Liver Disease. <i>Pharmaceutics</i> , 2022, 14, 669.	4.5	6
9	Hyaluronate-coated perfluoroalkyl polyamine prodrugs as bioactive siRNA delivery systems for the treatment of peritoneal cancers. , 2022, , 212755.		3
10	Study of Renal Accumulation of Targeted Polycations in Acute Kidney Injury. <i>Biomacromolecules</i> , 2022, 23, 2064-2074.	5.4	3
11	Synergetic regulation of kupffer cells, extracellular matrix and hepatic stellate cells with versatile CXCR4-inhibiting nanocomplex for magnified therapy in liver fibrosis. <i>Biomaterials</i> , 2022, 284, 121492.	11.4	11
12	Self-Assembled Alkylated Polyamine Analogs as Supramolecular Anticancer Agents. <i>Molecules</i> , 2022, 27, 2441.	3.8	2
13	Poly-antioxidants for enhanced anti-miR-155 delivery and synergistic therapy of metastatic breast cancer. <i>Biomaterials Science</i> , 2022, 10, 3637-3646.	5.4	3
14	Modified chitosan for effective renal delivery of siRNA to treat acute kidney injury. <i>Biomaterials</i> , 2022, 285, 121562.	11.4	22
15	Pulmonary siRNA delivery for lung disease: Review of recent progress and challenges. <i>Journal of Controlled Release</i> , 2021, 330, 977-991.	9.9	35
16	In situ self-assembled peptide nanofibers for cancer theranostics. <i>Biomaterials Science</i> , 2021, 9, 5427-5436.	5.4	17
17	Lignin: Drug/Gene Delivery and Tissue Engineering Applications. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2419-2441.	6.7	59
18	Gene silencing delivery systems for the treatment of pancreatic cancer: Where and what to target next?. <i>Journal of Controlled Release</i> , 2021, 331, 246-259.	9.9	18

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19	Nanocarrier vaccines for SARS-CoV-2. <i>Advanced Drug Delivery Reviews</i> , 2021, 171, 215-239.	13.7	66
20	Polycation fluorination improves intraperitoneal siRNA delivery in metastatic pancreatic cancer. <i>Journal of Controlled Release</i> , 2021, 333, 139-150.	9.9	18
21	Metabolizable Near-Infrared-II Nanoprobes for Dynamic Imaging of Deep-Seated Tumor-Associated Macrophages in Pancreatic Cancer. <i>ACS Nano</i> , 2021, 15, 10010-10024.	14.6	40
22	Converting primary tumor towards an in situ STING-activating vaccine via a biomimetic nanoplatform against recurrent and metastatic tumors. <i>Nano Today</i> , 2021, 38, 101109.	11.9	47
23	Dynamically Deformable Protein Delivery Strategy Disassembles Neutrophil Extracellular Traps to Prevent Liver Metastasis. <i>Advanced Functional Materials</i> , 2021, 31, 2105089.	14.9	5
24	Intraperitoneal siRNA Nanoparticles for Augmentation of Gemcitabine Efficacy in the Treatment of Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2021, 18, 4448-4458.	4.6	13
25	Use of polymeric CXCR4 inhibitors as siRNA delivery vehicles for the treatment of acute myeloid leukemia. <i>Cancer Gene Therapy</i> , 2020, 27, 45-55.	4.6	12
26	Stromal Modulation and Treatment of Metastatic Pancreatic Cancer with Local Intraperitoneal Triple miRNA/siRNA Nanotherapy. <i>ACS Nano</i> , 2020, 14, 255-271.	14.6	100
27	Efficient and targeted chemo-gene delivery with self-assembled fluoro-nanoparticles for liver fibrosis therapy and recurrence. <i>Biomaterials</i> , 2020, 261, 120311.	11.4	22
28	Star [®] -miR-34a and CXCR4 antagonist based nanoplex for binary cooperative migration treatment against metastatic breast cancer. <i>Journal of Controlled Release</i> , 2020, 326, 615-627.	9.9	12
29	Tissue-Specific Regulation of Reactive Oxygen Species by an ATP-Responsive Nanoregulator Enhances Anticancer Efficacy and Reduces Anthracycline-Induced Cardiotoxicity. <i>ACS Applied Bio Materials</i> , 2020, 3, 8000-8011.	4.6	0
30	GSH depletion liposome adjuvant for augmenting the photothermal immunotherapy of breast cancer. <i>Science Advances</i> , 2020, 6, .	10.3	124
31	Targeting pulmonary tumor microenvironment with CXCR4-inhibiting nanocomplex to enhance anti-PD-L1 immunotherapy. <i>Science Advances</i> , 2020, 6, eaaz9240.	10.3	119
32	ATP-Charged Nanoclusters Enable Intracellular Protein Delivery and Activity Modulation for Cancer Theranostics. <i>Science</i> , 2020, 23, 100872.	4.1	19
33	Endosomolytic and Tumor-Penetrating Mesoporous Silica Nanoparticles for siRNA/miRNA Combination Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4308-4322.	8.0	115
34	Combined Hydrophobization of Polyethylenimine with Cholesterol and Perfluorobutyrate Improves siRNA Delivery. <i>Bioconjugate Chemistry</i> , 2020, 31, 698-707.	3.6	20
35	Fluorine assembly nanocluster breaks the shackles of immunosuppression to turn the cold tumor hot. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32962-32969.	7.1	52
36	Determinants of preferential renal accumulation of synthetic polymers in acute kidney injury. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118555.	5.2	10

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37	Size Switchable Nanoclusters Fueled by Extracellular ATP for Promoting Deep Penetration and MRI-Guided Tumor Photothermal Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1904144.	14.9	79
38	Treatment of acute lung injury and early- and late-stage pulmonary fibrosis with combination emulsion siRNA polyplexes. <i>Journal of Controlled Release</i> , 2019, 314, 12-24.	9.9	31
39	Synthesis and biological characterization of clicked chloroquine copolymers as macromolecular inhibitors of cancer cell migration. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2235-2242.	2.3	7
40	Increased Survival by Pulmonary Treatment of Established Lung Metastases with Dual STAT3/CXCR4 Inhibition by siRNA Nanoemulsions. <i>Molecular Therapy</i> , 2019, 27, 2100-2110.	8.2	33
41	pH-Switchable Coordinative Micelles for Enhancing Cellular Transfection of Biocompatible Polycations. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20689-20698.	8.0	12
42	<p></p>CXCR4-targeted liposomal mediated co-delivery of pirfenidone and AMD3100 for the treatment of TGFβ-induced HSC-T6 cells activation<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2927-2944.	6.7	14
43	CXCR4-Receptor-Targeted Liposomes for the Treatment of Peritoneal Fibrosis. <i>Molecular Pharmaceutics</i> , 2019, 16, 2728-2741.	4.6	7
44	Perfluorocarbon Nanoemulsions for Combined Pulmonary siRNA Treatment of Lung Metastatic Osteosarcoma. <i>Advanced Therapeutics</i> , 2019, 2, 1900039.	3.2	10
45	In Situ AFM Analysis Investigating Disassembly of DNA Nanoparticles and Nanofilms. <i>Methods in Molecular Biology</i> , 2019, 1943, 199-209.	0.9	0
46	Synthesis of Bioreducible Polycations with Controlled Topologies. <i>Methods in Molecular Biology</i> , 2019, 1943, 27-38.	0.9	1
47	H₂O₂-activated oxidative stress amplifier capable of GSH scavenging for enhancing tumor photodynamic therapy. <i>Biomaterials Science</i> , 2019, 7, 5359-5368.	5.4	33
48	Near-infrared light triggered liposomes combining photodynamic and chemotherapy for synergistic breast tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 564-570.	5.0	50
49	Promise of chemokine network-targeted nanoparticles in combination nucleic acid therapies of metastatic cancer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1528.	6.1	8
50	Histone Deacetylase Inhibitor (HDACi) Conjugated Polycaprolactone for Combination Cancer Therapy. <i>Biomacromolecules</i> , 2018, 19, 1082-1089.	5.4	16
51	Bioreduction-ruptured nanogel for switch on/off release of Bcl2 siRNA in breast tumor therapy. <i>Journal of Controlled Release</i> , 2018, 292, 78-90.	9.9	34
52	Nanostructured Peptidotoxins as Natural Pro-Oxidants Induced Cancer Cell Death via Amplification of Oxidative Stress. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4569-4581.	8.0	29
53	Conjugate Polyplexes with Anti-Invasive Properties and Improved siRNA Delivery In Vivo. <i>Bioconjugate Chemistry</i> , 2018, 29, 296-305.	3.6	10
54	Cyclam-Modified PEI for Combined VEGF siRNA Silencing and CXCR4 Inhibition To Treat Metastatic Breast Cancer. <i>Biomacromolecules</i> , 2018, 19, 392-401.	5.4	34

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55	Development of fluorinated polyplex nanoemulsions for improved small interfering RNA delivery and cancer therapy. <i>Nano Research</i> , 2018, 11, 3746-3761.	10.4	37
56	Fluorination Enhances Serum Stability of Bioreducible Poly(amido amine) Polyplexes and Enables Efficient Intravenous siRNA Delivery. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700978.	7.6	35
57	Advances in Stimulus-Responsive Polymeric Materials for Systemic Delivery of Nucleic Acids. <i>Advanced Healthcare Materials</i> , 2018, 7, 1701070.	7.6	33
58	Simultaneous quantitation of hydroxychloroquine and its metabolites in mouse blood and tissues using LC-ESI-MS/MS: An application for pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 320-327.	2.3	64
59	Synthesis and Evaluation of Chloroquine-Containing DMAEMA Copolymers as Efficient Anti-miRNA Delivery Vectors with Improved Endosomal Escape and Antimigratory Activity in Cancer Cells. <i>Macromolecular Bioscience</i> , 2018, 18, 1700194.	4.1	24
60	Cholesterol Modification Enhances Antimetastatic Activity and siRNA Delivery Efficacy of Poly(ethylenimine)-Based CXCR4 Antagonists. <i>Macromolecular Bioscience</i> , 2018, 18, e1800234.	4.1	10
61	ATP-activated decrosslinking and charge-reversal vectors for siRNA delivery and cancer therapy. <i>Theranostics</i> , 2018, 8, 4604-4619.	10.0	40
62	Pharmacokinetics and efficacy of orally administered polymeric chloroquine as macromolecular drug in the treatment of inflammatory bowel disease. <i>Acta Biomaterialia</i> , 2018, 82, 158-170.	8.3	23
63	Tumor-specific activated photodynamic therapy with an oxidation-regulated strategy for enhancing anti-tumor efficacy. <i>Theranostics</i> , 2018, 8, 5059-5071.	10.0	68
64	Charge and Assembly Reversible Micelles Fueled by Intracellular ATP for Improved siRNA Transfection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32026-32037.	8.0	28
65	Pulmonary delivery of polyplexes for combined PAI-1 gene silencing and CXCR4 inhibition to treat lung fibrosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1765-1776.	3.3	15
66	Reversible Covalent Cross-Linked Polycations with Enhanced Stability and ATP-Responsive Behavior for Improved siRNA Delivery. <i>Biomacromolecules</i> , 2018, 19, 3776-3787.	5.4	35
67	Polymeric Prodrugs Targeting Polyamine Metabolism Inhibit Zika Virus Replication. <i>Molecular Pharmaceutics</i> , 2018, 15, 4284-4295.	4.6	9
68	Polymeric micelleplexes for improved photothermal endosomal escape and delivery of siRNA. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2593-2600.	3.2	10
69	Near-infrared light-activated IR780-loaded liposomes for anti-tumor angiogenesis and Photothermal therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2283-2294.	3.3	45
70	Reversibly Stabilized Polycation Nanoparticles for Combination Treatment of Early- and Late-Stage Metastatic Breast Cancer. <i>ACS Nano</i> , 2018, 12, 6620-6636.	14.6	50
71	Cholangiocarcinoma therapy with nanoparticles that combine downregulation of MicroRNA-210 with inhibition of cancer cell invasiveness. <i>Theranostics</i> , 2018, 8, 4305-4320.	10.0	33
72	Dual-Function Polymeric HPMA Prodrugs for the Delivery of miRNA. <i>Molecular Pharmaceutics</i> , 2017, 14, 1395-1404.	4.6	12

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73	Combining Fluorination and Bioreducibility for Improved siRNA Polyplex Delivery. ACS Applied Materials & Interfaces, 2017, 9, 4457-4466.	8.0	50
74	Dual-function nanostructured lipid carriers to deliver IR780 for breast cancer treatment: Anti-metastatic and photothermal anti-tumor therapy. Acta Biomaterialia, 2017, 53, 399-413.	8.3	65
75	HDAC inhibitor conjugated polymeric prodrug micelles for doxorubicin delivery. Journal of Materials Chemistry B, 2017, 5, 2106-2114.	5.8	18
76	Tumor-Penetrating Nanoparticles for Enhanced Anticancer Activity of Combined Photodynamic and Hypoxia-Activated Therapy. ACS Nano, 2017, 11, 2227-2238.	14.6	386
77	Arginine-Modified Nanostructured Lipid Carriers with Charge Reversal and pH-Sensitive Membranolytic Properties for Anticancer Drug Delivery. Advanced Healthcare Materials, 2017, 6, 1600693.	7.6	29
78	Bioreducible Cross-Linked Hyaluronic Acid/Calcium Phosphate Hybrid Nanoparticles for Specific Delivery of siRNA in Melanoma Tumor Therapy. ACS Applied Materials & Interfaces, 2017, 9, 14576-14589.	8.0	85
79	Self-assembled hemoglobin nanoparticles for improved oral photosensitizer delivery and oral photothermal therapy <i>in vivo</i> . Nanomedicine, 2017, 12, 1043-1055.	3.3	20
80	CXCR4-Targeted and Redox Responsive Dextrin Nanogel for Metastatic Breast Cancer Therapy. Biomacromolecules, 2017, 18, 1793-1802.	5.4	62
81	Surface PEGylation of Mesoporous Silica Nanorods (MSNR): Effect on loading, release, and delivery of mitoxantrone in hypoxic cancer cells. Scientific Reports, 2017, 7, 2274.	3.3	36
82	Emerging roles of the CXCL12/CXCR4 axis in pancreatic cancer progression and therapy. , 2017, 179, 158-170.		126
83	Self-immolative nanoparticles for simultaneous delivery of microRNA and targeting of polyamine metabolism in combination cancer therapy. Journal of Controlled Release, 2017, 246, 110-119.	9.9	75
84	Chloroquine-Modified Hydroxyethyl Starch as a Polymeric Drug for Cancer Therapy. Biomacromolecules, 2017, 18, 2247-2257.	5.4	43
85	Near-infrared light-triggered drug release from a multiple lipid carrier complex using an all-in-one strategy. Journal of Controlled Release, 2017, 261, 126-137.	9.9	60
86	Biochemical evaluation of the anticancer potential of the polyamine-based nanocarrier Nano11047. PLoS ONE, 2017, 12, e0175917.	2.5	15
87	Polyplex-mediated inhibition of chemokine receptor CXCR4 and chromatin-remodeling enzyme NCOA3 impedes pancreatic cancer progression and metastasis. Biomaterials, 2016, 101, 108-120.	11.4	26
88	Polymeric chloroquine as an inhibitor of cancer cell migration and experimental lung metastasis. Journal of Controlled Release, 2016, 244, 347-356.	9.9	31
89	Self-assembled IR780-loaded transferrin nanoparticles as an imaging, targeting and PDT/PTT agent for cancer therapy. Scientific Reports, 2016, 6, 27421.	3.3	216
90	Delivery of miR-200c Mimic with Poly(amido amine) CXCR4 Antagonists for Combined Inhibition of Cholangiocarcinoma Cell Invasiveness. Molecular Pharmaceutics, 2016, 13, 1073-1080.	4.6	25

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91	Chloroquine-Containing HPMA Copolymers as Polymeric Inhibitors of Cancer Cell Migration Mediated by the CXCR4/SDF-1 Chemokine Axis. <i>ACS Macro Letters</i> , 2016, 5, 342-345.	4.8	23
92	Potential of CXCR4/CXCL12 Chemokine Axis in Cancer Drug Delivery. <i>Current Pharmacology Reports</i> , 2016, 2, 1-10.	3.0	65
93	Synthesis and characterization of valproic acid ester pro-drug micelles via an amphiphilic polycaprolactone block copolymer design. <i>Polymer Chemistry</i> , 2015, 6, 2386-2389.	3.9	13
94	Development of Functional Poly(amido amine) CXCR4 Antagonists with the Ability to Mobilize Leukocytes and Deliver Nucleic Acids. <i>Advanced Healthcare Materials</i> , 2015, 4, 729-738.	7.6	38
95	Polymeric drugs: Advances in the development of pharmacologically active polymers. <i>Journal of Controlled Release</i> , 2015, 219, 369-382.	9.9	70
96	Self-Immolative Polycations as Gene Delivery Vectors and Prodrugs Targeting Polyamine Metabolism in Cancer. <i>Molecular Pharmaceutics</i> , 2015, 12, 332-341.	4.6	20
97	Redox-Responsive Polymer-Based Gene Delivery Systems. , 2015, , 271-286.		1
98	Dendritic polyglycerol with secondary amine shell as an efficient gene delivery vector with reduced toxicity. <i>Polymers for Advanced Technologies</i> , 2014, 25, 940-947.	3.2	5
99	Effect of biodegradability on CXCR4 antagonism, transfection efficacy and antimetastatic activity of polymeric Plerixafor. <i>Biomaterials</i> , 2014, 35, 5572-5579.	11.4	48
100	Examination of Structure-Activity Relationship of Viologen-Based Dendrimers as CXCR4 Antagonists and Gene Carriers. <i>Bioconjugate Chemistry</i> , 2014, 25, 907-917.	3.6	20
101	Polymeric Plerixafor: Effect of PEGylation on CXCR4 Antagonism, Cancer Cell Invasion, and DNA Transfection. <i>Pharmaceutical Research</i> , 2014, 31, 3538-3548.	3.5	27
102	PEGylated carboxymethyl chitosan/calcium phosphate hybrid anionic nanoparticles mediated hTERT siRNA delivery for anticancer therapy. <i>Biomaterials</i> , 2014, 35, 7978-7991.	11.4	140
103	Bioreducible Polycations in Nucleic Acid Delivery: Past, Present, and Future Trends. <i>Macromolecular Bioscience</i> , 2014, 14, 908-922.	4.1	87
104	The Practicality of Mesoporous Silica Nanoparticles as Drug Delivery Devices and Progress Toward This Goal. <i>AAPS PharmSciTech</i> , 2014, 15, 1163-1171.	3.3	58
105	A Mini Review of Biodegradable Calcium Phosphate Nanoparticles for Gene Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2014, 14, 918-925.	1.6	40
106	Intracellular Delivery Considerations for RNAi Therapeutics. <i>Advances in Delivery Science and Technology</i> , 2013, , 79-95.	0.4	0
107	Opposing influence of intracellular and membrane thiols on the toxicity of reducible polycations. <i>Biomaterials</i> , 2013, 34, 8843-8850.	11.4	22
108	Recent advances in delivery of drug-nucleic acid combinations for cancer treatment. <i>Journal of Controlled Release</i> , 2013, 172, 589-600.	9.9	182

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109	Synthesis of Bioreducible Polycations with Controlled Topologies. , 2013, 948, 121-132.		0
110	In Situ AFM Analysis Investigating Disassembly of DNA Nanoparticles and Nano-Films. , 2013, 948, 183-193.		1
111	Synthesis of clickâ€reactive HPMA copolymers using RAFT polymerization for drug delivery applications. Journal of Polymer Science Part A, 2013, 51, 5091-5099.	2.3	31
112	Synthesis and Characterization of Theranostic Poly(HPMA)-c(RGDyK)-DOTA- ⁶⁴ Cu Copolymer Targeting Tumor Angiogenesis: Tumor Localization Visualized by Positron Emission Tomography. Molecular Imaging, 2013, 12, 7290.2012.00038.	1.4	25
113	A Chemokine Receptor CXCR2 Macromolecular Complex Regulates Neutrophil Functions in Inflammatory Diseases. Journal of Biological Chemistry, 2012, 287, 5744-5755.	3.4	64
114	Synthesis of Bisethyl norspermine Lipid Prodrug as Gene Delivery Vector Targeting Polyamine Metabolism in Breast Cancer. Molecular Pharmaceutics, 2012, 9, 1654-1664.	4.6	18
115	Dualâ€Function CXCR4 Antagonist Polyplexes To Deliver Gene Therapy and Inhibit Cancer Cell Invasion. Angewandte Chemie - International Edition, 2012, 51, 8740-8743.	13.8	78
116	Cyclam-Based Polymeric Copper Chelators for Gene Delivery and Potential PET Imaging. Biomacromolecules, 2012, 13, 3220-3227.	5.4	20
117	Surface Functionalization of Mesoporous Silica Nanoparticles Controls Loading and Release Behavior of Mitoxantrone. Pharmaceutical Research, 2012, 29, 2407-2418.	3.5	77
118	Thieno[2,3-d]pyrimidinedione derivatives as antibacterial agents. European Journal of Medicinal Chemistry, 2012, 51, 145-153.	5.5	42
119	Effect of cell membrane thiols and reduction-triggered disassembly on transfection activity of bioreducible polyplexes. European Journal of Pharmaceutical Sciences, 2012, 46, 173-180.	4.0	15
120	Surface functionalisation of PLGA nanoparticles for gene silencing. Biomaterials, 2010, 31, 5671-5677.	11.4	53
121	Bisethyl norspermine Lipopolyamine as Potential Delivery Vector for Combination Drug/Gene Anticancer Therapies. Pharmaceutical Research, 2010, 27, 1927-1938.	3.5	6
122	Enhanced Gene and siRNA Delivery by Polycation-Modified Mesoporous Silica Nanoparticles Loaded with Chloroquine. Pharmaceutical Research, 2010, 27, 2556-2568.	3.5	104
123	Polymeric Biomaterials for Gene and Drug Delivery. Pharmaceutical Research, 2010, 27, 2517-2519.	3.5	3
124	Effect of innate glutathione levels on activity of redox-responsive gene delivery vectors. Journal of Controlled Release, 2010, 141, 77-84.	9.9	93
125	Involvement of vH ⁺ â€ATPase in synaptic vesicle swelling. Journal of Neuroscience Research, 2010, 88, 95-101.	2.9	31
126	Tuning the mechanical properties of bioreducible multilayer films for improved cell adhesion and transfection activity. Biomaterials, 2010, 31, 7167-7174.	11.4	51

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127	DNA Release Dynamics from Bioreducible Layer-by-Layer Films. <i>Langmuir</i> , 2010, 26, 8597-8605.	3.5	27
128	Bioresponsive hyperbranched polymers for siRNA and miRNA delivery. <i>Journal of Drug Targeting</i> , 2010, 18, 812-820.	4.4	43
129	Cross-Linked Bioreducible Layer-by-Layer Films for Increased Cell Adhesion and Transgene Expression. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5283-5291.	2.6	39
130	Hyperthermia controlled rapid drug release from thermosensitive magnetic microgels. <i>Journal of Materials Chemistry</i> , 2010, 20, 6158.	6.7	69
131	Evaluation of Pharmacokinetics of Bioreducible Gene Delivery Vectors by Real-time PCR. <i>Pharmaceutical Research</i> , 2009, 26, 1581-1589.	3.5	24
132	Transfection activity of layer-by-layer plasmid DNA/poly(ethylenimine) films deposited on PLGA microparticles. <i>International Journal of Pharmaceutics</i> , 2009, 365, 44-52.	5.2	29
133	Gene delivery in vitro and in vivo from bioreducible multilayered polyelectrolyte films of plasmid DNA. <i>Biomaterials</i> , 2009, 30, 939-950.	11.4	111
134	DNA Release Dynamics from Bioreducible Poly(amido amine) Polyplexes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13735-13741.	2.6	29
135	Cyclic RGD-targeting of reversibly stabilized DNA nanoparticles enhances cell uptake and transfection in vitro. <i>Journal of Drug Targeting</i> , 2009, 17, 364-373.	4.4	22
136	Bioreducible Hyperbranched Poly(amido amine)s for Gene Delivery. <i>Biomacromolecules</i> , 2009, 10, 2921-2927.	5.4	112
137	Overexpression of Bcl-2 as a proxy redox stimulus to enhance activity of non-viral redox-responsive delivery vectors. <i>Biomaterials</i> , 2008, 29, 2680-2688.	11.4	14
138	Intracellular siRNA and precursor miRNA trafficking using bioresponsive copolypeptides. <i>Journal of Gene Medicine</i> , 2008, 10, 81-93.	2.8	43
139	Design and development strategies of polymer materials for drug and gene delivery applications. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 957-957.	13.7	11
140	DNA Release Dynamics from Reducible Polyplexes by Atomic Force Microscopy. <i>Langmuir</i> , 2008, 24, 12474-12482.	3.5	33
141	Temperature-Controlled Uptake and Release in PNIPAM-Modified Porous Silica Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 3354-3359.	6.7	338
142	Visualization of thermally activated nanocarriers using in situ atomic force microscopy. <i>Nanotechnology</i> , 2007, 18, 185501.	2.6	3
143	Synthesis of Temperature-Responsive Heterobifunctional Block Copolymers of Poly(ethylene glycol) and Poly(N-isopropylacrylamide). <i>Biomacromolecules</i> , 2007, 8, 98-105.	5.4	100
144	Temperature-Reversible Ultrathin Films of N-Isopropylacrylamide Terpolymer Adsorbed at the Solid-Liquid Interface. <i>Langmuir</i> , 2007, 23, 12159-12166.	3.5	3

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145	Dually Responsive Multiblock Copolymers via Reversible Addition-Fragmentation Chain Transfer Polymerization: Synthesis of Temperature- and Redox-Responsive Copolymers of Poly(N-isopropylacrylamide) and Poly(2-(dimethylamino)ethyl methacrylate). <i>Macromolecules</i> , 2007, 40, 8617-8624.	4.8	108
146	A Versatile Approach to Reducible Vinyl Polymers via Oxidation of Telechelic Polymers Prepared by Reversible Addition Fragmentation Chain Transfer Polymerization. <i>Biomacromolecules</i> , 2007, 8, 2038-2044.	5.4	55
147	Synthesis of Poly[APMA]-DOTA- ⁶⁴ Cu Conjugates for Interventional Radionuclide Therapy of Prostate Cancer: Assessment of Intratumoral Retention by Micro ¹⁸ F-Positron Emission Tomography. <i>Molecular Imaging</i> , 2007, 6, 7290.2006.00030.	1.4	12
148	Nanocarrier Stimuli-Activated Gene Delivery. <i>Small</i> , 2007, 3, 54-57.	10.0	48
149	Reducible poly(2-dimethylaminoethyl methacrylate): Synthesis, cytotoxicity, and gene delivery activity. <i>Journal of Controlled Release</i> , 2007, 122, 217-225.	9.9	170
150	Synthesis and characterization of new copper thiosemicarbazone complexes with an ONNS quadridentate system: cell growth inhibition, S-phase cell cycle arrest and proapoptotic activities on cisplatin-resistant neuroblastoma cells. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 13, 47-55.	2.6	63
151	Disassembly of layer-by-layer films of plasmid DNA and reducible TAT polypeptide. <i>Biomaterials</i> , 2007, 28, 117-124.	11.4	84
152	Polyplex gene delivery modulated by redox potential gradients. <i>Journal of Drug Targeting</i> , 2006, 14, 519-526.	4.4	45
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