List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Poly(2-oxazoline)-magnetite NanoFerrogels: Magnetic field responsive theranostic platform for cancer drug delivery and imaging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 39, 102459.	3.3	6
2	Drugâ€Dependent Morphological Transitions in Spherical and Wormâ€Like Polymeric Micelles Define Stability and Pharmacological Performance of Micellar Drugs. Small, 2022, 18, e2103552.	10.0	31
3	Enhancing CDK4/6 inhibitor therapy for medulloblastoma using nanoparticle delivery and scRNA-seq–guided combination with sapanisertib. Science Advances, 2022, 8, eabl5838.	10.3	16
4	Nanoformulated Remdesivir with Extremely Low Content of Poly(2â€oxazoline)â€Based Stabilizer for Aerosol Treatment of COVIDâ€19. Macromolecular Bioscience, 2022, 22, e2200056.	4.1	6
5	Modulation of α-Chymotrypsin Conjugated to Magnetic Nanoparticles by the Non-Heating Low-Frequency Magnetic Field: Molecular Dynamics, Reaction Kinetics, and Spectroscopy Analysis. ACS Omega, 2022, 7, 20644-20655.	3.5	6
6	PEG-Free Polyion Complex Nanocarriers for Brain-Derived Neurotrophic Factor. Pharmaceutics, 2022, 14, 1391.	4.5	2
7	A mechanismâ€based pharmacokinetic model of remdesivir leveraging interspecies scaling to simulate COVIDâ€∎9 treatment in humans. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 89-99.	2.5	21
8	Preparation and Characterization of Poly(2-oxazoline) Micelles for the Solubilization and Delivery of Water Insoluble Drugs. Bio-protocol, 2021, 11, e3959.	0.4	3
9	Preparation of an Orthotopic, Syngeneic Model of Lung Adenocarcinoma and the Testing of the Antitumor Efficacy of Poly(2-oxazoline) Formulation of Chemo-and Immunotherapeutic Agents. Bio-protocol, 2021, 11, e3953.	0.4	0
10	Poly(2-oxazoline) nanoparticle delivery enhances the therapeutic potential of vismodegib for medulloblastoma by improving CNS pharmacokinetics and reducing systemic toxicity. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 32, 102345.	3.3	32
11	Superoxide Dismutase 1 Nanoparticles (Nano-SOD1) as a Potential Drug for the Treatment of Inflammatory Eye Diseases. Biomedicines, 2021, 9, 396.	3.2	15
12	Non-Heating Alternating Magnetic Field Nanomechanical Stimulation of Biomolecule Structures via Magnetic Nanoparticles as the Basis for Future Low-Toxic Biomedical Applications. Nanomaterials, 2021, 11, 2255.	4.1	21
13	Mannosylated Cationic Copolymers for Gene Delivery to Macrophages. Macromolecular Bioscience, 2021, 21, e2000371.	4.1	12
14	Bioequivalence assessment of high-capacity polymeric micelle nanoformulation of paclitaxel and Abraxane® in rodent and non-human primate models using a stable isotope tracer assay. Biomaterials, 2021, 278, 121140.	11.4	15
15	Macrophage-Derived Extracellular Vesicles as Drug Delivery Systems for Triple Negative Breast Cancer (TNBC) Therapy. Journal of NeuroImmune Pharmacology, 2020, 15, 487-500.	4.1	125
16	Eradication of cancer stem cells in triple negative breast cancer using doxorubicin/pluronic polymeric micelles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102124.	3.3	43
17	Polymeric micelles for the delivery of poorly soluble drugs: From nanoformulation to clinical approval. Advanced Drug Delivery Reviews, 2020, 156, 80-118.	13.7	282
18	A reanalysis of nanoparticle tumor delivery using classical pharmacokinetic metrics. Science Advances, 2020, 6, eaay9249.	10.3	73

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19	Genetically modified macrophages accomplish targeted gene delivery to the inflamed brain in transgenic Parkin Q311X(A) mice: importance of administration routes. Scientific Reports, 2020, 10, 11818.	3.3	12
20	Enzyme Release from Polyion Complex by Extremely Low Frequency Magnetic Field. Scientific Reports, 2020, 10, 4745.	3.3	9
21	High-capacity poly(2-oxazoline) formulation of TLR 7/8 agonist extends survival in a chemo-insensitive, metastatic model of lung adenocarcinoma. Science Advances, 2020, 6, eaba5542.	10.3	48
22	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. Cell Metabolism, 2020, 31, 564-579.e7.	16.2	130
23	Nanoformulated SOD1 ameliorates the combined NASH and alcohol-associated liver disease partly via regulating CYP2E1 expression in adipose tissue and liver. American Journal of Physiology - Renal Physiology, 2020, 318, G428-G438.	3.4	18
24	Specificities of Soling Processes in Technologies of Geoconstruction. Lecture Notes in Civil Engineering, 2020, , 421-429.	0.4	1
25	Treatment of Sleep Disordered Breathing With Leptin Loaded Exosomes. FASEB Journal, 2020, 34, 1-1.	0.5	0
26	Inhibition of UCH-L1 Deubiquitinating Activity with Two Forms of LDN-57444 Has Anti-Invasive Effects in Metastatic Carcinoma Cells. International Journal of Molecular Sciences, 2019, 20, 3733.	4.1	19
27	Brief update on endocytosis of nanomedicines. Advanced Drug Delivery Reviews, 2019, 144, 90-111.	13.7	251
28	Novel poly(2-oxazoline) block copolymer with aromatic heterocyclic side chains as a drug delivery platform. Journal of Controlled Release, 2019, 307, 261-271.	9.9	35
29	Targeted Delivery of siRNA Lipoplexes to Cancer Cells Using Macrophage Transient Horizontal Gene Transfer. Advanced Science, 2019, 6, 1900582.	11.2	57
30	GDNF-expressing macrophages restore motor functions at a severe late-stage, and produce long-term neuroprotective effects at an early-stage of Parkinson's disease in transgenic Parkin Q311X(A) mice. Journal of Controlled Release, 2019, 315, 139-149.	9.9	25
31	Magnetic nanorods for remote disruption of lipid membranes by non-heating low frequency magnetic field. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 21, 102065.	3.3	15
32	Synthesis of Well-Defined Gold Nanoparticles Using Pluronic: The Role of Radicals and Surfactants in Nanoparticles Formation. Polymers, 2019, 11, 1553.	4.5	23
33	Magnetic liposome design for drug release systems responsive to super-low frequency alternating current magnetic field (AC MF). Journal of Colloid and Interface Science, 2019, 552, 689-700.	9.4	45
34	Cheminformatics-driven discovery of polymeric micelle formulations for poorly soluble drugs. Science Advances, 2019, 5, eaav9784.	10.3	34
35	Selective Deformation of Single Macromolecules and Biomolecular Structures as a Method for Remote Control of Their Properties and Functions for Next-Generation Medicine. Russian Metallurgy (Metally), 2019, 2019, 374-384.	0.5	1
36	Pluronic block copolymers enhance the anti-myeloma activity of proteasome inhibitors. Journal of Controlled Release, 2019, 306, 149-164.	9.9	7

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37	TPP1 Delivery to Lysosomes with Extracellular Vesicles and their Enhanced Brain Distribution in the Animal Model of Batten Disease. Advanced Healthcare Materials, 2019, 8, e1801271.	7.6	83
38	Effect of nanoformulated copper/zinc superoxide dismutase on chronic ethanol-induced alterations in liver and adipose tissue. Alcohol, 2019, 79, 71-79.	1.7	10
39	Co-delivery of paclitaxel and cisplatin in poly(2-oxazoline) polymeric micelles: Implications for drug loading, release, pharmacokinetics and outcome of ovarian and breast cancer treatments. Biomaterials, 2019, 192, 1-14.	11.4	158
40	Effect of hot Rolling and Cooling Conditions on the Microstructure, MA Constituent Formation, and Pipeline Steels Mechanical Properties. Steel Research International, 2019, 90, 1800336.	1.8	8
41	In Situ Observation of Chymotrypsin Catalytic Activity Change Actuated by Nonheating Low-Frequency Magnetic Field. ACS Nano, 2018, 12, 3190-3199.	14.6	33
42	Drug Combination Synergy in Worm-like Polymeric Micelles Improves Treatment Outcome for Small Cell and Non-Small Cell Lung Cancer. ACS Nano, 2018, 12, 2426-2439.	14.6	132
43	Engineering macrophage-derived exosomes for targeted paclitaxel delivery to pulmonary metastases: in vitro and in vivo evaluations. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 195-204.	3.3	469
44	Multilayer polyion complex nanoformulations of superoxide dismutase 1 for acute spinal cord injury. Journal of Controlled Release, 2018, 270, 226-236.	9.9	45
45	Nanoformulation of Brainâ€Derived Neurotrophic Factor with Target Receptorâ€Triggeredâ€Release in the Central Nervous System. Advanced Functional Materials, 2018, 28, 1703982.	14.9	54
46	CADD-06. VISMODEGIB LOADED POLYOXAZOLINE (POx) MICELLES ENHANCE EFFICACY OF VISMODEGIB AND PROLONG MICE SURVIVAL, EMPHASIZE POTENTIAL OF POx MICELLES TO IMPROVE DRUG DELIVERY TO BRAIN TUMORS. Neuro-Oncology, 2018, 20, vi278-vi278.	1.2	0
47	Ways and Methods for Controlling Biomolecular Structures Using Magnetic Nanoparticles Activated by an Alternating Magnetic Field. Nanotechnologies in Russia, 2018, 13, 295-304.	0.7	11
48	New Approaches to Nanotheranostics: Polyfunctional Magnetic Nanoparticles Activated by Non-Heating Low-Frequency Magnetic Field Control Biochemical System with Molecular Locality and Selectivity. Nanotechnologies in Russia, 2018, 13, 215-239.	0.7	18
49	Localizing the Nanodeformation Impact of Magnetic Nanoparticles on Macromolecular Objects by Physical and Biochemical Means. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 1073-1078.	0.6	4
50	Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update. Biomaterials, 2018, 178, 204-280.	11.4	259
51	Selective deformation of macromolecules and biomolecular structures as a tool for remote control of their properties and functions for new generation medicine. Deformatsiya I Razrushenie Materialov, 2018, , 12-22.	0.1	0
52	A simple and highly effective catalytic nanozyme scavenger for organophosphorus neurotoxins. Journal of Controlled Release, 2017, 247, 175-181.	9.9	86
53	The dynamics of magnetic nanoparticles exposed to non-heating alternating magnetic field in biochemical applications: theoretical study. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	23
54	Theranostic multimodal potential of magnetic nanoparticles actuated by non-heating low frequency magnetic field in the new-generation nanomedicine. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	47

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55	Modeling drug release from functionalized magnetic nanoparticles actuated by non-heating low frequency magnetic field. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	10
56	Pharmacokinetic and screening studies of the interaction between mononuclear phagocyte system and nanoparticle formulations and colloid forming drugs. International Journal of Pharmaceutics, 2017, 526, 443-454.	5.2	17
57	Macrophages with cellular backpacks for targeted drug delivery to the brain. Biomaterials, 2017, 140, 79-87.	11.4	121
58	Intranasal delivery of N-terminal modified leptin-pluronic conjugate for treatment of obesity. Journal of Controlled Release, 2017, 263, 172-184.	9.9	28
59	RECOPE: How to succeed in bringing ideas from academia to market without compromising ingenuity. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 795-800.	3.3	Ο
60	Polymer Nanomaterials for Drug Delivery Across the Blood Brain Barrier. , 2017, , 847-868.		9
61	Nanoformulated copper/zinc superoxide dismutase exerts differential effects on glucose vs lipid homeostasis depending on the diet composition possibly via altered AMPK signaling. Translational Research, 2017, 188, 10-26.	5.0	20
62	Macrophage exosomes as natural nanocarriers for protein delivery to inflamed brain. Biomaterials, 2017, 142, 1-12.	11.4	411
63	The Improvement of Foam Concrete Geoecoprotective Properties in Transport Construction. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012010.	0.3	20
64	Lithosynthesis of the properties in the transport construction on the cement base. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012009.	0.3	18
65	Superoxide Dismutase 1 Nanozyme for Treatment of Eye Inflammation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	4.0	26
66	Luteinizing Hormone Releasing Hormone-Targeted Cisplatin-Loaded Magnetite Nanoclusters for Simultaneous MR Imaging and Chemotherapy of Ovarian Cancer. Chemistry of Materials, 2016, 28, 3024-3040.	6.7	15
67	Data on macrophage mediated muscle transfection upon delivery of naked plasmid DNA with block copolymers. Data in Brief, 2016, 7, 1269-1282.	1.0	Ο
68	VEGF- and VEGFR2-Targeted Liposomes for Cisplatin Delivery to Glioma Cells. Molecular Pharmaceutics, 2016, 13, 3712-3723.	4.6	47
69	Nanoformulated copper/zinc superoxide dismutase reduces adipose inflammation in obesity. Obesity, 2016, 24, 148-156.	3.0	32
70	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. Pharmacology Biochemistry and Behavior, 2016, 150-151, 48-56.	2.9	71
71	Nanozyme technology at Moscow State University. Achievements and development perspectives. Moscow University Chemistry Bulletin, 2016, 71, 209-220.	0.6	2
72	ATR maintains chromosomal integrity during postnatal cerebellar neurogenesis and is required for medulloblastoma formation. Development (Cambridge), 2016, 143, 4038-4052.	2.5	46

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73	Remote Actuation of Magnetic Nanoparticles For Cancer Cell Selective Treatment Through Cytoskeletal Disruption. Scientific Reports, 2016, 6, 33560.	3.3	62
74	A high capacity polymeric micelle of paclitaxel: Implication of high dose drug therapy to safety and inÂvivo anti-cancer activity. Biomaterials, 2016, 101, 296-309.	11.4	151
75	SOD1 nanozyme with reduced toxicity and MPS accumulation. Journal of Controlled Release, 2016, 231, 38-49.	9.9	46
76	Connexin 43â€ŧargeted <i>T</i> <sub>1</sub> contrast agent for MRI diagnosis of glioma. Contrast Media and Molecular Imaging, 2016, 11, 15-23.	0.8	10
77	Nanoformulated copper/zinc superoxide dismutase attenuates vascular cell activation and aortic inflammation in obesity. Biochemical and Biophysical Research Communications, 2016, 469, 495-500.	2.1	17
78	Development of exosome-encapsulated paclitaxel to overcome MDR in cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 655-664.	3.3	991
79	Horizontal gene transfer from macrophages to ischemic muscles upon delivery of naked DNA with Pluronic block copolymers. Biomaterials, 2016, 75, 58-70.	11.4	10
80	Poly(2â€oxazoline) block copolymer based formulations of taxanes: effect of copolymer and drug structure, concentration, and environmental factors. Polymers for Advanced Technologies, 2015, 26, 837-850.	3.2	58
81	Exosomes as drug delivery vehicles for Parkinson's disease therapy. Journal of Controlled Release, 2015, 207, 18-30.	9.9	1,363
82	Core–shell–corona doxorubicin-loaded superparamagnetic Fe 3 O 4 nanoparticles for cancer theranostics. Colloids and Surfaces B: Biointerfaces, 2015, 136, 1073-1080.	5.0	59
83	VEGF-targeted magnetic nanoparticles for MRI visualization of brain tumor. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 825-833.	3.3	101
84	Poly(2-oxazoline) based micelles with high capacity for 3rd generation taxoids: Preparation, in vitro and in vivo evaluation. Journal of Controlled Release, 2015, 208, 67-75.	9.9	87
85	SOD1 nanozyme salvages ischemic brain by locally protecting cerebral vasculature. Journal of Controlled Release, 2015, 213, 36-44.	9.9	69
86	Nanomechanical control of properties of biological membranes achieved by rodlike magnetic nanoparticles in a superlow-frequency magnetic field. Technical Physics Letters, 2015, 41, 455-457.	0.7	10
87	Accelerating the Translation of Nanomaterials in Biomedicine. ACS Nano, 2015, 9, 6644-6654.	14.6	279
88	A Low Protein Binding Cationic Poly(2â€oxazoline) as Nonâ€Viral Vector. Macromolecular Bioscience, 2015, 15, 1004-1020.	4.1	37
89	Bacteriophage phi11 lysin: Physicochemical characterization and comparison with phage phi80α lysin. Enzyme and Microbial Technology, 2015, 73-74, 51-58.	3.2	16
90	Towards nanomedicines of the future: Remote magneto-mechanical actuation of nanomedicines by alternating magnetic fields. Journal of Controlled Release, 2015, 219, 43-60.	9.9	179

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91	Synthesis of magnetite-gold nanoparticles with core-shell structure. Moscow University Chemistry Bulletin, 2015, 70, 149-156.	0.6	11
92	Enzyme-functionalized gold-coated magnetite nanoparticles as novel hybrid nanomaterials: Synthesis, purification and control of enzyme function by low-frequency magnetic field. Colloids and Surfaces B: Biointerfaces, 2015, 125, 104-109.	5.0	32
93	Treatment of glioma by cisplatin-loaded nanogels conjugated with monoclonal antibodies against Cx43 and BSAT1. Drug Delivery, 2015, 22, 276-285.	5.7	52
94	GDNF-Transfected Macrophages Produce Potent Neuroprotective Effects in Parkinson's Disease Mouse Model. PLoS ONE, 2014, 9, e106867.	2.5	111
95	Macrophages offer a paradigm switch for CNS delivery of therapeutic proteins. Nanomedicine, 2014, 9, 1403-1422.	3.3	78
96	Peptidoglycan degrading activity of the broad-range Salmonella bacteriophage S-394 recombinant endolysin. Biochimie, 2014, 107, 293-299.	2.6	31
97	Bench-to-bedside translation of magnetic nanoparticles. Nanomedicine, 2014, 9, 501-516.	3.3	58
98	Single-domain magnetic nanoparticles in an alternating magnetic field as mediators of local deformation of the surrounding macromolecules. Physics of the Solid State, 2014, 56, 1342-1351.	0.6	23
99	An investigation of the structure and function of antistaphylococcal endolysins using kinetic methods. Moscow University Chemistry Bulletin, 2014, 69, 107-111.	0.6	3
100	Catalytic characteristics of enzyme-polyelectrolyte complexes based on hexahistidine-containing organophosphorus hydrolase. Moscow University Chemistry Bulletin, 2014, 69, 125-130.	0.6	5
101	An investigation of the physicochemical properties of both glutathione peroxidase I and its complexes with polyelectrolytes as promising agents for the treatment of diseases of the central nervous system. Moscow University Chemistry Bulletin, 2014, 69, 112-116.	0.6	0
102	Intranasal Administration as a Route for Drug Delivery to the Brain: Evidence for a Unique Pathway for Albumin. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 54-60.	2.5	65
103	Targeted Delivery of Cisplatin by Сonnexin 43 Vector Nanogels to the Focus of Experimental Glioma C6. Bulletin of Experimental Biology and Medicine, 2014, 157, 524-529.	0.8	15
104	Formulation design facilitates magnetic nanoparticle delivery to diseased cells and tissues. Nanomedicine, 2014, 9, 469-485.	3.3	47
105	Nanomechanical control of the activity of enzymes immobilized on single-domain magnetic nanoparticles. Technical Physics, 2014, 59, 932-935.	0.7	9
106	Agile delivery of protein therapeutics to CNS. Journal of Controlled Release, 2014, 190, 637-663.	9.9	88
107	Pluronics and MDR Reversal: An Update. Molecular Pharmaceutics, 2014, 11, 2566-2578.	4.6	186
108	Drug-Induced Morphology Switch in Drug Delivery Systems Based on Poly(2-oxazoline)s. ACS Nano, 2014, 8, 2686-2696.	14.6	125

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109	Mixed Valence Copper(I,II) Binuclear Complexes with Unexpected Structure: Synthesis, Biological Properties and Anticancer Activity. Journal of Medicinal Chemistry, 2014, 57, 6252-6258.	6.4	75
110	Neuronal uptake of nanoformulated superoxide dismutase and attenuation of angiotensin II-dependent hypertension after central administration. Free Radical Biology and Medicine, 2014, 73, 299-307.	2.9	28
111	Pluronic modified leptin with increased systemic circulation, brain uptake and efficacy for treatment of obesity. Journal of Controlled Release, 2014, 191, 34-46.	9.9	40
112	Use of Protease Inhibitors in Composite Polyelectrolyte Microparticles in Order to Increase the Bioavailability of Perorally Administered Encapsulated Proteins. Pharmaceutical Chemistry Journal, 2013, 47, 62-69.	0.8	22
113	Cross-linked Polymeric Micelles based on Block Ionomer Complexes. Mendeleev Communications, 2013, 23, 179-186.	1.6	28
114	LHRH-Targeted Nanogels as a Delivery System for Cisplatin to Ovarian Cancer. Molecular Pharmaceutics, 2013, 10, 3913-3921.	4.6	54
115	A new approach to the control of biochemical reactions in a magnetic nanosuspension using a low-frequency magnetic field. Technical Physics Letters, 2013, 39, 240-243.	0.7	22
116	Polypeptide nanogels with hydrophobic moieties in the cross-linked ionic cores: synthesis, characterization and implications for anticancer drug delivery. Journal of Drug Targeting, 2013, 21, 981-993.	4.4	27
117	Macrophage folate receptor-targeted antiretroviral therapy facilitates drug entry, retention, antiretroviral activities and biodistribution for reduction of human immunodeficiency virus infections. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 1263-1273.	3.3	83
118	Nanocarriers for delivery of platinum anticancer drugs. Advanced Drug Delivery Reviews, 2013, 65, 1667-1685.	13.7	345
119	Can nanomedicines kill cancer stem cells?. Advanced Drug Delivery Reviews, 2013, 65, 1763-1783.	13.7	114
120	Brain delivery of proteins via their fatty acid and block copolymer modifications. Journal of Drug Targeting, 2013, 21, 940-955.	4.4	19
121	Physicochemical characterization of the staphylolytic LysK enzyme in complexes with polycationic polymers as a potent antimicrobial. Biochimie, 2013, 95, 1689-1696.	2.6	23
122	Single-domain magnetic nanoparticles as force generators for the nanomechanical control of biochemical reactions by low-frequency magnetic fields. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 1350-1359.	0.6	13
123	Conjugates of Superoxide Dismutase 1 with Amphiphilic Poly(2-oxazoline) Block Copolymers for Enhanced Brain Delivery: Synthesis, Characterization and Evaluation in Vitro and in Vivo. Molecular Pharmaceutics, 2013, 10, 360-377.	4.6	74
124	Chiral and waterâ€soluble poly(2â€oxazoline)s. Journal of Polymer Science Part A, 2013, 51, 732-738.	2.3	28
125	Biodegradable hybrid polymer micelles for combination drug therapy in ovarian cancer. Journal of Controlled Release, 2013, 171, 339-348.	9.9	98
126	A simple way to enhance Doxil® therapy: Drug release from liposomes at the tumor site by amphiphilic block copolymer. Journal of Controlled Release, 2013, 168, 61-69.	9.9	101

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127	Cell-mediated drug delivery to the brain. Journal of Drug Delivery Science and Technology, 2013, 23, 419-433.	3.0	24
128	Specific Transfection of Inflamed Brain by Macrophages: A New Therapeutic Strategy for Neurodegenerative Diseases. PLoS ONE, 2013, 8, e61852.	2.5	124
129	Effect of Doxorubicin/Pluronic SP1049C on Tumorigenicity, Aggressiveness, DNA Methylation and Stem Cell Markers in Murine Leukemia. PLoS ONE, 2013, 8, e72238.	2.5	76
130	Preparation and In Vivo Evaluation of Dichloro(1,2-Diaminocyclohexane)platinum(II)-Loaded Core Cross-Linked Polymer Micelles. Chemotherapy Research and Practice, 2012, 2012, 1-10.	1.6	12
131	Visualization of Experimental Glioma C6 by MRI with Magnetic Nanoparticles Conjugated with Monoclonal Antibodies to Vascular Endothelial Growth Factor. Bulletin of Experimental Biology and Medicine, 2012, 154, 274-277.	0.8	16
132	Changing the Enzyme Reaction Rate in Magnetic Nanosuspensions by a Nonâ€Heating Magnetic Field. Angewandte Chemie - International Edition, 2012, 51, 12016-12019.	13.8	53
133	Effect of dimerization on the catalytic properties of native and chimeric organophosphorus hydrolase determined by molecular modeling of the enzyme structure. Russian Chemical Bulletin, 2012, 61, 449-455.	1.5	26
134	Synergistic Combinations of Multiple Chemotherapeutic Agents in High Capacity Poly(2-oxazoline) Micelles. Molecular Pharmaceutics, 2012, 9, 2302-2313.	4.6	110
135	Macromol. Rapid Commun. 19/2012. Macromolecular Rapid Communications, 2012, 33, 1724-1724.	3.9	4
136	Blood-borne macrophage–neural cell interactions hitchhike on endosome networks for cell-based nanozyme brain delivery. Nanomedicine, 2012, 7, 815-833.	3.3	51
137	Well-defined cross-linked antioxidant nanozymes for treatment of ischemic brain injury. Journal of Controlled Release, 2012, 162, 636-645.	9.9	99
138	Mononuclear phagocyte intercellular crosstalk facilitates transmission of cell-targeted nanoformulated antiretroviral drugs to human brain endothelial cells. International Journal of Nanomedicine, 2012, 7, 2373.	6.7	48
139	Cisplatin-loaded core cross-linked micelles: comparative pharmacokinetics, antitumor activity, and toxicity in mice. International Journal of Nanomedicine, 2012, 7, 2557.	6.7	51
140	Differentiation of human stem cells is promoted by amphiphilic pluronic block copolymers. International Journal of Nanomedicine, 2012, 7, 4849.	6.7	43
141	Poly(2â€oxazoline)s as Polymer Therapeutics. Macromolecular Rapid Communications, 2012, 33, 1613-1631.	3.9	392
142	Tumor-Specifi c Contrast Agent Based on Ferric Oxide Superparamagnetic Nanoparticles for Visualization of Gliomas by Magnetic Resonance Tomography. Bulletin of Experimental Biology and Medicine, 2012, 153, 89-93.	0.8	3
143	Cross-linked antioxidant nanozymes for improved delivery to CNS. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 119-129.	3.3	75
144	Block ionomer complexes of PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. Journal of Controlled Release, 2012, 160, 486-494.	9.9	54

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145	Abstract LB-240: Mechanism-based enhancement of ErbB2-targeted delivery of chemotherapeutics encapsulated in Trastuzumab-conjugated polymeric nanocarriers. , 2012, , .		0
146	Neuronal uptake and subcellular localization of functional nanoformulated copper/zinc superoxide dismutase (SOD nano). FASEB Journal, 2012, 26, .	0.5	0
147	Neuronal Toxicity & Uptake of Crossâ€Linked Copper/Zinc Superoxide Dismutase Nanozyme (clâ€SOD1) Tj ETQq1	1 0.7843 0.5	14 rgBT /⊖∖
148	Cell-mediated drug delivery. Expert Opinion on Drug Delivery, 2011, 8, 415-433.	5.0	274
149	Polyelectrolyte complex optimization for macrophage delivery of redox enzyme nanoparticles. Nanomedicine, 2011, 6, 25-42.	3.3	54
150	Comparative manufacture and cell-based delivery of antiretroviral nanoformulations. International Journal of Nanomedicine, 2011, 6, 3393.	6.7	37
151	Active Targeted Macrophage-mediated Delivery of Catalase to Affected Brain Regions in Models of Parkinson?s Disease. Journal of Nanomedicine & Nanotechnology, 2011, 01, .	1.1	58
152	Analyses of nanoformulated antiretroviral drug charge, size, shape and content for uptake, drug release and antiviral activities in human monocyte-derived macrophages. Journal of Controlled Release, 2011, 150, 204-211.	9.9	107
153	Core cross-linked block ionomer micelles as pH-responsive carriers for cis-diamminedichloroplatinum(II). Journal of Controlled Release, 2011, 153, 64-72.	9.9	90
154	Eighth International Nanomedicine and Drug Delivery Symposium (NanoDDS'10). Journal of Controlled Release, 2011, 153, 1.	9.9	2
155	Principles of strategic drug delivery to the brain (SDDB): Development of anorectic and orexigenic analogs of leptin. Physiology and Behavior, 2011, 105, 145-149.	2.1	25
156	Structure-property relationship in cytotoxicity and cell uptake of poly(2-oxazoline) amphiphiles. Journal of Controlled Release, 2011, 153, 73-82.	9.9	183
157	Magnetic Resonance Imaging of Endothelial Cells with Vectorized Iron Oxide Nanoparticles. Bulletin of Experimental Biology and Medicine, 2011, 151, 726-730.	0.8	1
158	Neuronal uptake and intracellular superoxide scavenging of a fullerene (C60)-poly(2-oxazoline)s nanoformulation. Biomaterials, 2011, 32, 3654-3665.	11.4	90
159	Folate-decorated nanogels for targeted therapy of ovarian cancer. Biomaterials, 2011, 32, 5417-5426.	11.4	211
160	Polyelectrolyte nanogels decorated with monoclonal antibody for targeted drug delivery. Reactive and Functional Polymers, 2011, 71, 315-323.	4.1	33
161	Cell-mediated transfer of catalase nanoparticles from macrophages to brain endothelial, glial and neuronal cells. Nanomedicine, 2011, 6, 1215-1230.	3.3	67
162	Self-assembly of an amphiphilic diblock copolymer in aqueous solutions: Effect of linear charge density of an ionogenic block. Polymer Science - Series A, 2010, 52, 574-585.	1.0	6

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163	Stabilization of enzymes-antioxidants by complex and conjugate formation with block copolymers: Prospects for CNS treatment. Moscow University Chemistry Bulletin, 2010, 65, 190-196.	0.6	2
164	Pluronic block copolymers and Pluronic poly(acrylic acid) microgels in oral delivery of megestrol acetate. Journal of Pharmacy and Pharmacology, 2010, 56, 1233-1241.	2.4	49
165	Differential metabolic responses to pluronic in MDR and non-MDR cells: A novel pathway for chemosensitization of drug resistant cancers. Journal of Controlled Release, 2010, 142, 89-100.	9.9	132
166	Effects of pluronic and doxorubicin on drug uptake, cellular metabolism, apoptosis and tumor inhibition in animal models of MDR cancers. Journal of Controlled Release, 2010, 143, 290-301.	9.9	142
167	Endocytosis of nanomedicines. Journal of Controlled Release, 2010, 145, 182-195.	9.9	1,755
168	Visualization of exogenous delivery of nanoformulated butyrylcholinesterase to the central nervous system. Chemico-Biological Interactions, 2010, 187, 295-298.	4.0	35
169	Pluronic-modified superoxide dismutase 1 attenuates angiotensin II-induced increase in intracellular superoxide in neurons. Free Radical Biology and Medicine, 2010, 49, 548-558.	2.9	49
170	Nanozyme Superoxide Dismutase Reduces the Severity of Influenza A (H1N1) Infection in Mice. Free Radical Biology and Medicine, 2010, 49, S192.	2.9	0
171	The exploitation of differential endocytic pathways in normal and tumor cells in the selective targeting of nanoparticulate chemotherapeutic agents. Biomaterials, 2010, 31, 923-933.	11.4	145
172	The utilization of pathogen-like cellular trafficking by single chain block copolymer. Biomaterials, 2010, 31, 1757-1764.	11.4	47
173	Doubly amphiphilic poly(2-oxazoline)s as high-capacity delivery systems for hydrophobic drugs. Biomaterials, 2010, 31, 4972-4979.	11.4	256
174	The attenuation of central angiotensin II-dependent pressor response and intra-neuronal signaling by intracarotid injection of nanoformulated copper/zinc superoxide dismutase. Biomaterials, 2010, 31, 5218-5226.	11.4	70
175	Transport across the Blood-Brain Barrier of Pluronic Leptin. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 253-263.	2.5	68
176	Polymeric Micelles with Ionic Cores Containing Biodegradable Cross-Links for Delivery of Chemotherapeutic Agents. Biomacromolecules, 2010, 11, 919-926.	5.4	119
177	Photocontrolled Self-Assembly and Disassembly of Block Ionomer Complex Vesicles: A Facile Approach toward Supramolecular Polymer Nanocontainers. Langmuir, 2010, 26, 709-715.	3.5	196
178	Protein Modification with Amphiphilic Block Copoly(2-oxazoline)s as a New Platform for Enhanced Cellular Delivery. Molecular Pharmaceutics, 2010, 7, 984-992.	4.6	68
179	Macrophage delivery of therapeutic nanozymes in a murine model of Parkinson's disease. Nanomedicine, 2010, 5, 379-396.	3.3	154
180	Nanoformulated superoxide dismutase 1 (SOD1): Implications for angiotensin II (AngII) and brainâ€related cardiovascular diseases. FASEB Journal, 2010, 24, 402.2.	0.5	0

#	Article	IF	CITATIONS
181	Polymer micelles with cross-linked polyanion core for delivery of a cationic drug doxorubicin. Journal of Controlled Release, 2009, 138, 197-204.	9.9	234
182	Nanogels as Pharmaceutical Carriers: Finite Networks of Infinite Capabilities. Angewandte Chemie - International Edition, 2009, 48, 5418-5429.	13.8	1,134
183	The effect of the nonionic block copolymer pluronic P85 on gene expression in mouse muscle and antigen-presenting cells. Biomaterials, 2009, 30, 1232-1245.	11.4	41
184	Effect of Pluronic P85 on Amino Acid Transport in Bovine Brain Microvessel Endothelial Cells. Journal of NeuroImmune Pharmacology, 2009, 4, 35-46.	4.1	16
185	Nanobiology for the Pharmacology of Cellular Ion Channels. Journal of NeuroImmune Pharmacology, 2009, 4, 7-9.	4.1	0
186	The uptake of N-(2-hydroxypropyl)-methacrylamide based homo, random and block copolymers by human multi-drug resistant breast adenocarcinoma cells. Biomaterials, 2009, 30, 5682-5690.	11.4	89
187	Mixed micelles based on cationic and anionic amphiphilic diblock copolymers containing identical hydrophobic blocks. Polymer Science - Series A, 2009, 51, 606-615.	1.0	8
188	Block ionomer complex micelles with cross-linked cores for drug delivery. Polymer Science - Series A, 2009, 51, 708-718.	1.0	31
189	Novel 19F MRS/I Nanoprobe Based on pH-Responsive PEGylated Nanogel: pH-Dependent 19F Magnetic Resonance Studies. Chemistry Letters, 2009, 38, 128-129.	1.3	21
190	Facilitated Monocyte-Macrophage Uptake and Tissue Distribution of Superparmagnetic Iron-Oxide Nanoparticles. PLoS ONE, 2009, 4, e4343.	2.5	116
191	Investigation of Structural and Chemical Uniformity of Zr2.5% Nb and E635 Alloy by Radioactive Indicators. , 2009, , 744-753.		0
192	Novel Nanomaterials for Clinical Neuroscience. Journal of NeuroImmune Pharmacology, 2008, 3, 83-94.	4.1	199
193	The Promise and Perils of CNS Drug Delivery: A Video Debate. Journal of NeuroImmune Pharmacology, 2008, 3, 58-58.	4.1	10
194	Amphiphilic Block Copolymers Enhance Cellular Uptake and Nuclear Entry of Polyplex-Delivered DNA. Bioconjugate Chemistry, 2008, 19, 1987-1994.	3.6	87
195	Polymer Nanomaterials. , 2008, , 691-707.		5
196	Pluronic block copolymers: Evolution of drug delivery concept from inert nanocarriers to biological response modifiers. Journal of Controlled Release, 2008, 130, 98-106.	9.9	1,091
197	Prevention of MDR development in leukemia cells by micelle-forming polymeric surfactant. Journal of Controlled Release, 2008, 131, 220-227.	9.9	85
198	Synthesis and Characterization of Star Poly(ε-caprolactone)- <i>b</i> -Poly(ethylene glycol) and Poly( <scp>l</scp> -lactide)- <i>b</i> -Poly(ethylene glycol) Copolymers: Evaluation as Drug Delivery Carriers. Bioconjugate Chemistry, 2008, 19, 1423-1429.	3.6	92

#	Article	IF	CITATIONS
199	Different Internalization Pathways of Polymeric Micelles and Unimers and Their Effects on Vesicular Transport. Bioconjugate Chemistry, 2008, 19, 2023-2029.	3.6	163
200	Dynamic Properties of Block Ionomer Complexes with Polyion Complex Cores. Macromolecules, 2008, 41, 5863-5868.	4.8	30
201	Protein Conjugation with Amphiphilic Block Copolymers for Enhanced Cellular Delivery. Bioconjugate Chemistry, 2008, 19, 1071-1077.	3.6	47
202	Polyion Complex Nanomaterials from Block Polyelectrolyte Micelles and Linear Polyelectrolytes of Opposite Charge. 2. Dynamic Properties. Journal of Physical Chemistry B, 2008, 112, 7732-7738.	2.6	48
203	Nanogels as Pharmaceutical Carriers. Fundamental Biomedical Technologies, 2008, , 67-80.	0.2	8
204	Polyion Complex Nanomaterials from Block Polyelectrolyte Micelles and Linear Polyelectrolytes of Opposite Charge: 1. Solution Behaviorâ€. Journal of Physical Chemistry B, 2007, 111, 8419-8425.	2.6	54
205	Nanomaterials from Ionic Block Copolymers and Single-, Double-, and Triple-Tail Surfactants. Langmuir, 2007, 23, 2838-2842.	3.5	29
206	Block Polyelectrolyte Networks from Poly(acrylic acid) and Poly(ethylene oxide):Â Sorption and Release of Cytochrome C. Biomacromolecules, 2007, 8, 490-497.	5.4	35
207	A Macrophageâ~'Nanozyme Delivery System for Parkinson's Disease. Bioconjugate Chemistry, 2007, 18, 1498-1506.	3.6	177
208	Nanomedicine in the diagnosis and therapy of neurodegenerative disorders. Progress in Polymer Science, 2007, 32, 1054-1082.	24.7	225
209	Novel Delivery System Enhances Efficacy of Antiretroviral Therapy in Animal Model for HIV-1 Encephalitis. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1033-1042.	4.3	67
210	Alteration of Genomic Responses to Doxorubicin and Prevention of MDR in Breast Cancer Cells by a Polymer Excipient:  Pluronic P85. Molecular Pharmaceutics, 2006, 3, 113-123.	4.6	68
211	Template-assisted synthesis of nanogels from Pluronic-modified poly(acrylic acid). Journal of Drug Targeting, 2006, 14, 357-366.	4.4	40
212	Nanotools for Megaproblems:  Probing Protein Misfolding Diseases Using Nanomedicine Modus Operandi. Journal of Proteome Research, 2006, 5, 2505-2522.	3.7	27
213	Effect of concentration regime on rheological properties of sodium polymethacrylate and its complexes with polystyrene-poly(N-ethyl-4-vinylpyridinium bromide) block copolymer in aqueous salt solution. Polymer Science - Series A, 2006, 48, 997-1003.	1.0	15
214	Polymer genomics: An insight into pharmacology and toxicology of nanomedicinesâ~†. Advanced Drug Delivery Reviews, 2006, 58, 1597-1621.	13.7	189
215	Polymer micelles with cross-linked ionic cores for delivery of anticancer drugs. Journal of Controlled Release, 2006, 114, 163-174.	9.9	177
216	Block ionomer complexes as prospective nanocontainers for drug delivery. Journal of Controlled Release, 2006, 115, 9-17.	9.9	83

#	Article	IF	CITATIONS
217	Editorial [Hot Topic: Nanomedicine and Drug Delivery (Executive Editors: A.V. Kabanov and K. Levon)]. Current Pharmaceutical Design, 2006, 12, 4665-4666.	1.9	0
218	Transcriptional Activation of Gene Expression by Pluronic Block Copolymers in Stably and Transiently Transfected Cells. Molecular Therapy, 2006, 13, 804-813.	8.2	77
219	Polymer Micelles as Drug Carriers. , 2006, , 57-93.		49
220	Chemical engineering of nanogel drug carriers: increased bioavailability and decreased cytotoxicity. Papers presented at the meeting., 2006, 47, 27-28.	0.5	6
221	Polymer genomics: shifting the gene and drug delivery paradigms. Journal of Controlled Release, 2005, 101, 259-271.	9.9	96
222	Pluronic block copolymers alter apoptotic signal transduction of doxorubicin in drug-resistant cancer cells. Journal of Controlled Release, 2005, 105, 269-278.	9.9	140
223	Polyplex Nanogel formulations for drug delivery of cytotoxic nucleoside analogs. Journal of Controlled Release, 2005, 107, 143-157.	9.9	173
224	Promoter- and strain-selective enhancement of gene expression in a mouse skeletal muscle by a polymer excipient Pluronic P85. Journal of Controlled Release, 2005, 108, 496-512.	9.9	58
225	Pluronic Block Copolymers for Gene Delivery. Advances in Genetics, 2005, 53PA, 231-261.	1.8	107
226	Fluorescence Anisotropy Study of Aqueous Dispersions of Block Ionomer Complexes. Journal of Physical Chemistry B, 2005, 109, 4303-4308.	2.6	13
227	Polypeptide Point Modifications with Fatty Acid and Amphiphilic Block Copolymers for Enhanced Brain Delivery. Bioconjugate Chemistry, 2005, 16, 793-802.	3.6	76
228	Synthesis and Evaluation of a Star Amphiphilic Block Copolymer from Poly(ε-caprolactone) and Poly(ethylene glycol) as a Potential Drug Delivery Carrier. Bioconjugate Chemistry, 2005, 16, 397-405.	3.6	301
229	Polymer Micelle with Cross-Linked Ionic Core. Journal of the American Chemical Society, 2005, 127, 8236-8237.	13.7	254
230	Pluronic block copolymers for gene delivery. Advances in Genetics, 2005, 53, 231-61.	1.8	16
231	Challenges in Polymer Therapeutics. Advances in Experimental Medicine and Biology, 2004, 519, 1-27.	1.6	22
232	Polyethyleneimine grafted with pluronic P85 enhances Ku86 antisense delivery and the ionizing radiation treatment efficacy in vivo. Gene Therapy, 2004, 11, 1665-1672.	4.5	28
233	Micellar formulations for drug delivery based on mixtures of hydrophobic and hydrophilic Pluronic® block copolymers. Journal of Controlled Release, 2004, 94, 411-422.	9.9	220
234	Distribution kinetics of a micelle-forming block copolymer Pluronic P85. Journal of Controlled Release, 2004, 100, 389-397.	9.9	113

#	Article	IF	CITATIONS
235	Interpolyelectrolyte Complexes with a Micellar Structure. Doklady Physical Chemistry, 2004, 395, 72-75.	0.9	5
236	Heat Capacities of High-Purity Yttrium and Lutetium from 2 to 15 K. Inorganic Materials, 2004, 40, 130-133.	0.8	1
237	Effects of Pluronic P85 on GLUT1 and MCT1 Transporters in the Blood-Brain Barrier. Pharmaceutical Research, 2004, 21, 1993-2000.	3.5	36
238	Effect of Pluronic P85 on ATPase Activity of Drug Efflux Transporters. Pharmaceutical Research, 2004, 21, 2226-2233.	3.5	155
239	Formation of Multilayer Polyelectrolyte Complexes by Using Block Ionomer Micelles as Nucleating Particles. Journal of Physical Chemistry B, 2004, 108, 12352-12359.	2.6	44
240	Colloidal Stability of Aqueous Dispersions of Block Ionomer Complexes:Â Effects of Temperature and Salt. Langmuir, 2004, 20, 2066-2068.	3.5	64
241	Mixed Polymer Micelles of Amphiphilic and Cationic Copolymers for Delivery of Antisense Oligonucleotides. Journal of Drug Targeting, 2004, 12, 517-526.	4.4	57
242	Nanogels for Oligonucleotide Delivery to the Brain. Bioconjugate Chemistry, 2004, 15, 50-60.	3.6	345
243	Pluronic Block Copolymers as Novel Therapeutics in Drug Delivery. ACS Symposium Series, 2004, , 130-153.	0.5	4
244	New Technologies for Drug Delivery Across the Blood Brain Barrier. Current Pharmaceutical Design, 2004, 10, 1355-1363.	1.9	121
245	SYNTHESIS OF NANOGEL CARRIERS FOR DELIVERY OF ACTIVE PHOSPHORYLATED NUCLEOSIDE ANALOGUES. Papers presented at the meeting., 2004, 228, 296.	0.5	4
246	Sensitization of cells overexpressing multidrug-resistant proteins by pluronic P85. Pharmaceutical Research, 2003, 20, 1581-1590.	3.5	115
247	Pluronic® block copolymers as modulators of drug efflux transporter activity in the blood–brain barrier. Advanced Drug Delivery Reviews, 2003, 55, 151-164.	13.7	296
248	An essential relationship between ATP depletion and chemosensitizing activity of Pluronic® block copolymers. Journal of Controlled Release, 2003, 91, 75-83.	9.9	131
249	Environmentally Responsive Nanoparticles from Block Ionomer Complexes:Â Effects of pH and Ionic Strength. Langmuir, 2003, 19, 8069-8076.	3.5	109
250	Optimal Structure Requirements for Pluronic Block Copolymers in Modifying P-glycoprotein Drug Efflux Transporter Activity in Bovine Brain Microvessel Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 845-854.	2.5	240
251	Block Copolymer-Based Formulations of Doxorubicin Effective Against Drug Resistant Tumours. , 2002, , 121-137.		2
252	Synthesis of Vesicles on Polymer Template. Journal of the American Chemical Society, 2002, 124, 11872-11873.	13.7	74

#	Article	IF	CITATIONS
253	Block Ionomer Complexes with Polystyrene Core-Forming Block in Selective Solvents of Various Polarities. 2. Solution Behavior and Self-Assembly in Nonpolar Solvents. Macromolecules, 2002, 35, 6344-6350.	4.8	26
254	Block Ionomer Complexes with Polystyrene Core-Forming Block in Selective Solvents of Various Polarities. 1. Solution Behavior and Self-Assembly in Aqueous Media. Macromolecules, 2002, 35, 6351-6361.	4.8	66
255	Design and Formulation of Polyplexes Based on Pluronic-Polyethyleneimine Conjugates for Gene Transfer. Bioconjugate Chemistry, 2002, 13, 937-944.	3.6	136
256	Altered Organ Accumulation of Oligonucleotides Using Polyethyleneimine Grafted With Poly(ethylene Oxide) or Pluronic as Carriers. Journal of Drug Targeting, 2002, 10, 113-121.	4.4	26
257	Pluronic® block copolymers as novel polymer therapeutics for drug and gene delivery. Journal of Controlled Release, 2002, 82, 189-212.	9.9	1,310
258	Nanosized cationic hydrogels for drug delivery: preparation, properties and interactions with cells. Advanced Drug Delivery Reviews, 2002, 54, 135-147.	13.7	705
259	Pluronic® block copolymers: novel functional molecules for gene therapy. Advanced Drug Delivery Reviews, 2002, 54, 223-233.	13.7	327
260	Pluronic® block copolymers for overcoming drug resistance in cancer. Advanced Drug Delivery Reviews, 2002, 54, 759-779.	13.7	579
261	Inducing neutrophil recruitment in the liver of ICAM-1-deficient mice using polyethyleneimine grafted with Pluronic P123 as an organ-specific carrier for transgenic ICAM-1. Gene Therapy, 2002, 9, 939-945.	4.5	31
262	Pluronic? Block Copolymers in Drug Delivery: from Micellar Nanocontainers to Biological Response Modifiers. Critical Reviews in Therapeutic Drug Carrier Systems, 2002, 19, 1-72.	2.2	383
263	Block copolymeric biotransport carriers as versatile vehicles for drug delivery. Expert Opinion on Biological Therapy, 2001, 1, 583-602.	3.1	53
264	A Thermodynamic Characterization of the Interaction of a Cationic Copolymer with DNA. Journal of Physical Chemistry B, 2001, 105, 6042-6050.	2.6	76
265	Interaction of Nanosized Copolymer Networks with Oppositely Charged Amphiphilic Molecules. Nano Letters, 2001, 1, 535-540.	9.1	69
266	Tailor-made biomimetic random copolymers for medical applications. Macromolecular Symposia, 2001, 172, 87-94.	0.7	0
267	Selective energy depletion and sensitization of multiple drug-resistant cancer cells by pluronic block copolymer. Macromolecular Symposia, 2001, 172, 103-112.	0.7	6
268	Mechanism of sensitization of MDR cancer cells by Pluronic block copolymers: Selective energy depletion. British Journal of Cancer, 2001, 85, 1987-1997.	6.4	203
269	Evaluation of polyplexes as gene transfer agents. Journal of Controlled Release, 2001, 73, 401-416.	9.9	375
270	A combination of poloxamers increases gene expression of plasmid DNA in skeletal muscle. Gene Therapy, 2000, 7, 986-991.	4.5	208

#	Article	IF	CITATIONS
271	Evaluation of polyether-polyethyleneimine graft copolymers as gene transfer agents. Gene Therapy, 2000, 7, 126-138.	4.5	351
272	Micelles of amphiphilic block copolymers as vehicles for drug delivery. , 2000, , 347-376.		25
273	Block and Graft Copolymers and Nanogelâ,,¢ Copolymer Networks for DNA Delivery into Cell. Journal of Drug Targeting, 2000, 8, 91-105.	4.4	133
274	Relationship between Pluronic Block Copolymer Structure, Critical Micellization Concentration and Partitioning Coefficients of Low Molecular Mass Solutes. Macromolecules, 2000, 33, 3305-3313.	4.8	297
275	Recognition of DNA Topology in Reactions between Plasmid DNA and Cationic Copolymers. Journal of the American Chemical Society, 2000, 122, 8339-8343.	13.7	142
276	Steric Stabilization of Negatively Charged Liposomes by Cationic Graft Copolymer. Langmuir, 2000, 16, 4877-4881.	3.5	29
277	Effects of Block Length and Structure of Surfactant on Self-Assembly and Solution Behavior of Block Ionomer Complexes. Langmuir, 2000, 16, 481-489.	3.5	133
278	Block copolymer-based formulation of doxorubicin. From cell screen to clinical trials. Colloids and Surfaces B: Biointerfaces, 1999, 16, 113-134.	5.0	234
279	Novel drug delivery systems based on the complexes of block ionomers and surfactants of opposite charge. Colloids and Surfaces B: Biointerfaces, 1999, 16, 243-251.	5.0	85
280	Poly(ethylene glycol)–polyethyleneimine NanoGelâ,,¢ particles: novel drug delivery systems for antisense oligonucleotides. Colloids and Surfaces B: Biointerfaces, 1999, 16, 291-304.	5.0	206
281	Potential applications of polymers in the delivery of drugs to the central nervous system. Colloids and Surfaces B: Biointerfaces, 1999, 16, 321-330.	5.0	25
282	Reduction of fibronectin expression by intravitreal administration of antisense oligonucleotides. Nature Biotechnology, 1999, 17, 476-479.	17.5	59
283	Inhibition of multidrug resistance-associated protein (MRP) functional activity with pluronic block copolymers. Pharmaceutical Research, 1999, 16, 396-401.	3.5	116
284	Fundamental relationships between the composition of pluronic block copolymers and their hypersensitization effect in MDR cancer cells. Pharmaceutical Research, 1999, 16, 1373-1379.	3.5	266
285	Pluronic P85 increases permeability of a broad spectrum of drugs in polarized BBMEC and Caco-2 cell monolayers. Pharmaceutical Research, 1999, 16, 1366-1372.	3.5	192
286	Taking polycation gene delivery systems from in vitro to in vivo. Pharmaceutical Science & Technology Today, 1999, 2, 365-372.	0.7	123
287	Polyion Complex Micelles with Protein-Modified Corona for Receptor-Mediated Delivery of Oligonucleotides into Cells. Bioconjugate Chemistry, 1999, 10, 851-860.	3.6	136
288	Effects of pluronic P85 unimers and micelles on drug permeability in polarized BBMEC and Caco-2 cells. Pharmaceutical Research, 1998, 15, 1525-1532.	3.5	130

#	Article	IF	CITATIONS
289	Effects of pluronic block copolymers on drug absorption in Caco-2 cell monolayers. Pharmaceutical Research, 1998, 15, 850-855.	3.5	150
290	Interpolyelectrolyte and block ionomer complexes for gene delivery: physico-chemical aspects. Advanced Drug Delivery Reviews, 1998, 30, 49-60.	13.7	297
291	Spontaneous Formation of Vesicles from Complexes of Block Ionomers and Surfactants. Journal of the American Chemical Society, 1998, 120, 9941-9942.	13.7	277
292	Self-Assembly in Mixtures of Poly(ethylene oxide)-graft-Poly(ethyleneimine) and Alkyl Sulfates. Langmuir, 1998, 14, 6101-6106.	3.5	116
293	Block Ionomer Complexes from Polystyrene-block-polyacrylate Anions and N-Cetylpyridinium Cations. Macromolecules, 1998, 31, 4511-4515.	4.8	34
294	Self-Assembly of Polyamineâ^'Poly(ethylene glycol) Copolymers with Phosphorothioate Oligonucleotides. Bioconjugate Chemistry, 1998, 9, 805-812.	3.6	237
295	Block copolymeric biotransport carriers as versatile vehicles for drug delivery. Expert Opinion on Investigational Drugs, 1998, 7, 1453-1473.	4.1	99
296	Solution Behavior and Self-Assembly of Complexes from Poly(α-methylstyrene)-block-poly(N-ethyl-4-vinylpyridinium) Cations and Aerosol OT Anions. Macromolecules, 1998, 31, 4516-4519.	4.8	23
297	Amphiphysin I Antisense Oligonucleotides Inhibit Neurite Outgrowth in Cultured Hippocampal Neurons. Journal of Neuroscience, 1998, 18, 93-103.	3.6	98
298	Soluble Complexes from Poly(ethylene oxide)-block-polymethacrylate Anions andN-Alkylpyridinium Cations. Macromolecules, 1997, 30, 3519-3525.	4.8	224
299	Interactions of Pluronic Block Copolymers with Brain Microvessel Endothelial Cells:Â Evidence of Two Potential Pathways for Drug Absorption. Bioconjugate Chemistry, 1997, 8, 649-657.	3.6	154
300	Block Polycationic Oligonucleotide Derivative:Â Synthesis and Inhibition of Herpes Virus Reproduction. Bioconjugate Chemistry, 1996, 7, 3-6.	3.6	10
301	Soluble Stoichiometric Complexes from Poly(N-ethyl-4-vinylpyridinium) Cations and Poly(ethylene) Tj ETQq1 1 0.7	784314 rg 4.8	BT /Qverlock 418
302	DNA affinity to biological membranes is enhanced due to complexation with hydrophobized polycation. FEBS Letters, 1996, 384, 177-180.	2.8	29
303	Enhancement of the polycation-mediated DNA uptake and cell transfection with Pluronic P85 block copolymer. FEBS Letters, 1996, 389, 278-280.	2.8	59
304	Hypersensitization of Multidrug Resistant Human Ovarian Carcinoma Cells by Pluronic P85 Block Copolymer. Bioconjugate Chemistry, 1996, 7, 209-216.	3.6	285
305	Anthracycline antibiotics non-covalently incorporated into the block copolymer micelles: in vivo evaluation of anti-cancer activity. British Journal of Cancer, 1996, 74, 1545-1552.	6.4	209
306	DNA Complexes with Polycations for the Delivery of Genetic Material into Cells. Bioconjugate Chemistry, 1995, 6, 7-20.	3.6	481

#	Article	IF	CITATIONS
307	Polyelectrolytes and Oppositely Charged Surfactants in Organic Solvents: From Reversed Micelles to Soluble Polymer-Surfactant Complexes. Macromolecules, 1995, 28, 3657-3663.	4.8	22
308	Supramolecular devices for targeting dna into cells: Fundamentals and perspectives. Macromolecular Symposia, 1995, 98, 601-613.	0.7	16
309	Fatty Acid Acylated Peroxidase as a Model for the Study of Interactions of Hydrophobically-Modified Proteins with Mammalian Cells. Bioconjugate Chemistry, 1995, 6, 608-615.	3.6	27
310	Water-Soluble Block Polycations as Carriers for Oligonucleotide Delivery. Bioconjugate Chemistry, 1995, 6, 639-643.	3.6	263
311	Micelle Formation and Solubilization of Fluorescent Probes in Poly(oxyethylene-b-oxypropylene-b-oxyethylene) Solutions. Macromolecules, 1995, 28, 2303-2314.	4.8	439
312	New approaches to targeting bioactive compounds. Journal of Controlled Release, 1994, 28, 15-35.	9.9	9
313	Inhibition of Herpes Simplex Virus 1 Reproduction with Hydrophobized Antisense Oligonucleotides. Biochemical and Biophysical Research Communications, 1994, 203, 959-966.	2.1	14
314	New approaches to targeting bioactive compounds. , 1994, , 15-35.		0
315	Efficient transformation of mammalian cells using DNA interpolyelectrolyte complexes with carbon chain polycations. Bioconjugate Chemistry, 1993, 4, 448-454.	3.6	62
316	Protein radiolabeling with Bolton-Hunter reagent in surfactant reversed micelles in organic solvent. Bioconjugate Chemistry, 1992, 3, 273-274.	3.6	3
317	Cell-free translation in reversed micelles. FEBS Letters, 1992, 309, 330-332.	2.8	7
318	A new class of drug carriers: micelles of poly(oxyethylene)-poly(oxypropylene) block copolymers as microcontainers for drug targeting from blood in brain. Journal of Controlled Release, 1992, 22, 141-157.	9.9	276
319	Pluronic micelles as a tool for low-molecular compound vector delivery into a cell: effect of Staphylococcus aureus enterotoxin B on cell loading with micelle incorporated fluorescent dye. Biochemistry International, 1992, 26, 1035-42.	0.2	10
320	Hydrophobized antiviral antibodies and antisense oligonucleotides. Advances in Enzyme Regulation, 1991, 31, 417-430.	2.6	2
321	Fatty acid acylated Fab-fragments of antibodies to neurospecific proteins as carriers for neuroleptic targeted delivery in brain. FEBS Letters, 1991, 287, 149-152.	2.8	48
322	Regulation of the catalytic activity and oligomeric composition of enzymes in reversed micelles of surfactants in organic solvents. FEBS Letters, 1991, 278, 143-146.	2.8	17
323	Subunit separation in reversed micelle system reveals the existence of active centers both on light and heavy 1 <sup>3</sup> -glutamyltransferase subunits. FEBS Letters, 1991, 295, 73-76.	2.8	12
324	Engineering of functional supramacromolecular complexes of proteins (enzymes) using reversed micelles as matrix microreactors. Protein Engineering, Design and Selection, 1991, 4, 1009-1017.	2.1	44

#	Article	IF	CITATIONS
325	DNA interpolyelectrolyte complexes as a tool for efficient cell transformation. Biopolymers, 1991, 31, 1437-1443.	2.4	88
326	Tailoring of macromolecule conjugates using reversed micelles as matrix microreactors. Die Makromolekulare Chemie, 1990, 191, 2801-2814.	1.1	18
327	A new class of antivirals: antisense oligonucleotides combined with a hydrophobic substituent effectively inhibit influenza virus reproduction and synthesis of virus-specific proteins in MDCK cells. FEBS Letters, 1990, 259, 327-330.	2.8	103
328	The principal difference in regulation of the catalytic activity of water-soluble and membrane forms of enzymes in reversed micelles. FEBS Letters, 1990, 267, 236-238.	2.8	11
329	Lipid modification of proteins and their membrane transport. Protein Engineering, Design and Selection, 1989, 3, 39-42.	2.1	45
330	A new strategy for the study of oligomeric enzymes: Î <sup>3</sup> -glutamyltransferase in reversed micelles of surfactants in organic solvents. BBA - Proteins and Proteomics, 1989, 996, 147-152.	2.1	31
331	A new way in homogeneous immunoassay: Reversed micellar systems as a medium for analysis. Analytical Biochemistry, 1989, 181, 145-148.	2.4	26
332	Micellar enzymology: its relation to membranology. Biochimica Et Biophysica Acta - Biomembranes, 1989, 981, 161-172.	2.6	274
333	Fatty acid acylated antibodies against virus suppress its reproduction in cells. FEBS Letters, 1989, 250, 238-240.	2.8	34
334	The neuroleptic activity of haloperidol increases after its solubilization in surfactant micelles. FEBS Letters, 1989, 258, 343-345.	2.8	266
335	Hydrophobized proteins penetrating lipid membranes. Collection of Czechoslovak Chemical Communications, 1989, 54, 835-837.	1.0	12
336	Enzymes entrapped in reversed micelles of surfactants in organic solvents: A theoretical treatment of the catalytic activity regulation. Journal of Theoretical Biology, 1988, 133, 327-343.	1.7	97
337	Transformation of Water-Soluble Enzymes into Membrane Active Form by Chemical Modification. Annals of the New York Academy of Sciences, 1987, 501, 63-66.	3.8	21
338	Polymer Genomics. , 0, , 173-198.		8
339	Structure, dispersion stability and dynamics of DNA and polycation complexes. , 0, , 164-189.		5

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