

Alexander V Kabanov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4151119/publications.pdf>

Version: 2024-02-01

340
papers

36,375
citations

2098

100
h-index

3576

181
g-index

369
all docs

369
docs citations

369
times ranked

28396
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(2-oxazoline)-magnetite NanoFerrogels: Magnetic field responsive theranostic platform for cancer drug delivery and imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 39, 102459.	1.7	6
2	Drug-Dependent Morphological Transitions in Spherical and Worm-Like Polymeric Micelles Define Stability and Pharmacological Performance of Micellar Drugs. <i>Small</i> , 2022, 18, e2103552.	5.2	31
3	Enhancing CDK4/6 inhibitor therapy for medulloblastoma using nanoparticle delivery and scRNA-seq-guided combination with sapanisertib. <i>Science Advances</i> , 2022, 8, eabl5838.	4.7	16
4	Nanoformulated Remdesivir with Extremely Low Content of Poly(2-oxazoline)-Based Stabilizer for Aerosol Treatment of COVID-19. <i>Macromolecular Bioscience</i> , 2022, 22, e2200056.	2.1	6
5	Modulation of $\hat{\pm}$ -Chymotrypsin Conjugated to Magnetic Nanoparticles by the Non-Heating Low-Frequency Magnetic Field: Molecular Dynamics, Reaction Kinetics, and Spectroscopy Analysis. <i>ACS Omega</i> , 2022, 7, 20644-20655.	1.6	6
6	PEG-Free Polyion Complex Nanocarriers for Brain-Derived Neurotrophic Factor. <i>Pharmaceutics</i> , 2022, 14, 1391.	2.0	2
7	A mechanism-based pharmacokinetic model of remdesivir leveraging interspecies scaling to simulate COVID-19 treatment in humans. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 89-99.	1.3	21
8	Preparation and Characterization of Poly(2-oxazoline) Micelles for the Solubilization and Delivery of Water Insoluble Drugs. <i>Bio-protocol</i> , 2021, 11, e3959.	0.2	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. <i>Bio-protocol</i> , 2021, 11, e3953.	0.2	0
10	Poly(2-oxazoline) nanoparticle delivery enhances the therapeutic potential of vismodegib for medulloblastoma by improving CNS pharmacokinetics and reducing systemic toxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102345.	1.7	32
11	Superoxide Dismutase 1 Nanoparticles (Nano-SOD1) as a Potential Drug for the Treatment of Inflammatory Eye Diseases. <i>Biomedicines</i> , 2021, 9, 396.	1.4	15
12	Non-Heating Alternating Magnetic Field Nanomechanical Stimulation of Biomolecule Structures via Magnetic Nanoparticles as the Basis for Future Low-Toxic Biomedical Applications. <i>Nanomaterials</i> , 2021, 11, 2255.	1.9	21
13	Mannosylated Cationic Copolymers for Gene Delivery to Macrophages. <i>Macromolecular Bioscience</i> , 2021, 21, e2000371.	2.1	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. <i>Biomaterials</i> , 2021, 278, 121140.	5.7	15
15	Macrophage-Derived Extracellular Vesicles as Drug Delivery Systems for Triple Negative Breast Cancer (TNBC) Therapy. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 487-500.	2.1	125
16	Eradication of cancer stem cells in triple negative breast cancer using doxorubicin/pluronic polymeric micelles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102124.	1.7	43
17	Polymeric micelles for the delivery of poorly soluble drugs: From nanoformulation to clinical approval. <i>Advanced Drug Delivery Reviews</i> , 2020, 156, 80-118.	6.6	282
18	A reanalysis of nanoparticle tumor delivery using classical pharmacokinetic metrics. <i>Science Advances</i> , 2020, 6, eaay9249.	4.7	73

#	ARTICLE	IF	CITATIONS
19	Genetically modified macrophages accomplish targeted gene delivery to the inflamed brain in transgenic Parkin Q311X(A) mice: importance of administration routes. <i>Scientific Reports</i> , 2020, 10, 11818.	1.6	12
20	Enzyme Release from Polyion Complex by Extremely Low Frequency Magnetic Field. <i>Scientific Reports</i> , 2020, 10, 4745.	1.6	9
21	High-capacity poly(2-oxazoline) formulation of TLR 7/8 agonist extends survival in a chemo-insensitive, metastatic model of lung adenocarcinoma. <i>Science Advances</i> , 2020, 6, eaba5542.	4.7	48
22	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020, 31, 564-579.e7.	7.2	130
23	Nanoformulated SOD1 ameliorates the combined NASH and alcohol-associated liver disease partly via regulating CYP2E1 expression in adipose tissue and liver. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G428-G438.	1.6	18
24	Specificities of Soling Processes in Technologies of Geoconstruction. <i>Lecture Notes in Civil Engineering</i> , 2020, , 421-429.	0.3	1
25	Treatment of Sleep Disordered Breathing With Leptin Loaded Exosomes. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
26	Inhibition of UCH-L1 Deubiquitinating Activity with Two Forms of LDN-57444 Has Anti-Invasive Effects in Metastatic Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3733.	1.8	19
27	Brief update on endocytosis of nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2019, 144, 90-111.	6.6	251
28	Novel poly(2-oxazoline) block copolymer with aromatic heterocyclic side chains as a drug delivery platform. <i>Journal of Controlled Release</i> , 2019, 307, 261-271.	4.8	35
29	Targeted Delivery of siRNA Lipoplexes to Cancer Cells Using Macrophage Transient Horizontal Gene Transfer. <i>Advanced Science</i> , 2019, 6, 1900582.	5.6	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. <i>Journal of Controlled Release</i> , 2019, 315, 139-149.	4.8	25
31	Magnetic nanorods for remote disruption of lipid membranes by non-heating low frequency magnetic field. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102065.	1.7	15
32	Synthesis of Well-Defined Gold Nanoparticles Using Pluronic: The Role of Radicals and Surfactants in Nanoparticles Formation. <i>Polymers</i> , 2019, 11, 1553.	2.0	23
33	Magnetic liposome design for drug release systems responsive to super-low frequency alternating current magnetic field (AC MF). <i>Journal of Colloid and Interface Science</i> , 2019, 552, 689-700.	5.0	45
34	Cheminformatics-driven discovery of polymeric micelle formulations for poorly soluble drugs. <i>Science Advances</i> , 2019, 5, eaav9784.	4.7	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. <i>Russian Metallurgy (Metally)</i> , 2019, 2019, 374-384.	0.1	1
36	Pluronic block copolymers enhance the anti-myeloma activity of proteasome inhibitors. <i>Journal of Controlled Release</i> , 2019, 306, 149-164.	4.8	7

#	ARTICLE	IF	CITATIONS
37	TPP1 Delivery to Lysosomes with Extracellular Vesicles and their Enhanced Brain Distribution in the Animal Model of Batten Disease. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801271.	3.9	83
38	Effect of nanoformulated copper/zinc superoxide dismutase on chronic ethanol-induced alterations in liver and adipose tissue. <i>Alcohol</i> , 2019, 79, 71-79.	0.8	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. <i>Biomaterials</i> , 2019, 192, 1-14.	5.7	158
40	Effect of hot Rolling and Cooling Conditions on the Microstructure, MA Constituent Formation, and Pipeline Steels Mechanical Properties. <i>Steel Research International</i> , 2019, 90, 1800336.	1.0	8
41	In Situ Observation of Chymotrypsin Catalytic Activity Change Actuated by Nonheating Low-Frequency Magnetic Field. <i>ACS Nano</i> , 2018, 12, 3190-3199.	7.3	33
42	Drug Combination Synergy in Worm-like Polymeric Micelles Improves Treatment Outcome for Small Cell and Non-Small Cell Lung Cancer. <i>ACS Nano</i> , 2018, 12, 2426-2439.	7.3	132
43	Engineering macrophage-derived exosomes for targeted paclitaxel delivery to pulmonary metastases: in vitro and in vivo evaluations. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 195-204.	1.7	469
44	Multilayer polyion complex nanoformulations of superoxide dismutase 1 for acute spinal cord injury. <i>Journal of Controlled Release</i> , 2018, 270, 226-236.	4.8	45
45	Nanoformulation of Brain-Derived Neurotrophic Factor with Target Receptor-Triggered Release in the Central Nervous System. <i>Advanced Functional Materials</i> , 2018, 28, 1703982.	7.8	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. <i>Neuro-Oncology</i> , 2018, 20, vi278-vi278.	0.6	0
47	Ways and Methods for Controlling Biomolecular Structures Using Magnetic Nanoparticles Activated by an Alternating Magnetic Field. <i>Nanotechnologies in Russia</i> , 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. <i>Nanotechnologies in Russia</i> , 2018, 13, 215-239.	0.7	18
49	Localizing the Nanodeformation Impact of Magnetic Nanoparticles on Macromolecular Objects by Physical and Biochemical Means. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2018, 82, 1073-1078.	0.1	4
50	Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update. <i>Biomaterials</i> , 2018, 178, 204-280.	5.7	259
51	Selective deformation of macromolecules and biomolecular structures as a tool for remote control of their properties and functions for new generation medicine. <i>Deformatsiya I Razrushenie Materialov</i> , 2018, , 12-22.	0.1	0
52	A simple and highly effective catalytic nanozyme scavenger for organophosphorus neurotoxins. <i>Journal of Controlled Release</i> , 2017, 247, 175-181.	4.8	86
53	The dynamics of magnetic nanoparticles exposed to non-heating alternating magnetic field in biochemical applications: theoretical study. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	23
54	Theranostic multimodal potential of magnetic nanoparticles actuated by non-heating low frequency magnetic field in the new-generation nanomedicine. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	47

#	ARTICLE	IF	CITATIONS
55	Modeling drug release from functionalized magnetic nanoparticles actuated by non-heating low frequency magnetic field. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	10
56	Pharmacokinetic and screening studies of the interaction between mononuclear phagocyte system and nanoparticle formulations and colloid forming drugs. <i>International Journal of Pharmaceutics</i> , 2017, 526, 443-454.	2.6	17
57	Macrophages with cellular backpacks for targeted drug delivery to the brain. <i>Biomaterials</i> , 2017, 140, 79-87.	5.7	121
58	Intranasal delivery of N-terminal modified leptin-pluronic conjugate for treatment of obesity. <i>Journal of Controlled Release</i> , 2017, 263, 172-184.	4.8	28
59	RECOPE: How to succeed in bringing ideas from academia to market without compromising ingenuity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 795-800.	1.7	0
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. <i>Translational Research</i> , 2017, 188, 10-26.	2.2	20
62	Macrophage exosomes as natural nanocarriers for protein delivery to inflamed brain. <i>Biomaterials</i> , 2017, 142, 1-12.	5.7	411
63	The Improvement of Foam Concrete Geocoprotective Properties in Transport Construction. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 90, 012010.	0.2	20
64	Lithosynthesis of the properties in the transport construction on the cement base. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 90, 012009.	0.2	18
65	Superoxide Dismutase 1 Nanozyme for Treatment of Eye Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	1.9	26
66	Luteinizing Hormone Releasing Hormone-Targeted Cisplatin-Loaded Magnetite Nanoclusters for Simultaneous MR Imaging and Chemotherapy of Ovarian Cancer. <i>Chemistry of Materials</i> , 2016, 28, 3024-3040.	3.2	15
67	Data on macrophage mediated muscle transfection upon delivery of naked plasmid DNA with block copolymers. <i>Data in Brief</i> , 2016, 7, 1269-1282.	0.5	0
68	VEGF- and VEGFR2-Targeted Liposomes for Cisplatin Delivery to Glioma Cells. <i>Molecular Pharmaceutics</i> , 2016, 13, 3712-3723.	2.3	47
69	Nanoformulated copper/zinc superoxide dismutase reduces adipose inflammation in obesity. <i>Obesity</i> , 2016, 24, 148-156.	1.5	32
70	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 48-56.	1.3	71
71	Nanozyme technology at Moscow State University. Achievements and development perspectives. <i>Moscow University Chemistry Bulletin</i> , 2016, 71, 209-220.	0.2	2
72	ATR maintains chromosomal integrity during postnatal cerebellar neurogenesis and is required for medulloblastoma formation. <i>Development (Cambridge)</i> , 2016, 143, 4038-4052.	1.2	46

#	ARTICLE	IF	CITATIONS
73	Remote Actuation of Magnetic Nanoparticles For Cancer Cell Selective Treatment Through Cytoskeletal Disruption. <i>Scientific Reports</i> , 2016, 6, 33560.	1.6	62
74	A high capacity polymeric micelle of paclitaxel: Implication of high dose drug therapy to safety and in vivo anti-cancer activity. <i>Biomaterials</i> , 2016, 101, 296-309.	5.7	151
75	SOD1 nanozyme with reduced toxicity and MPS accumulation. <i>Journal of Controlled Release</i> , 2016, 231, 38-49.	4.8	46
76	Connexin 43-targeted contrast agent for MRI diagnosis of glioma. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 15-23.	0.4	10
77	Nanoformulated copper/zinc superoxide dismutase attenuates vascular cell activation and aortic inflammation in obesity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 495-500.	1.0	17
78	Development of exosome-encapsulated paclitaxel to overcome MDR in cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 655-664.	1.7	991
79	Horizontal gene transfer from macrophages to ischemic muscles upon delivery of naked DNA with Pluronic block copolymers. <i>Biomaterials</i> , 2016, 75, 58-70.	5.7	10
80	Poly(2-oxazoline) block copolymer based formulations of taxanes: effect of copolymer and drug structure, concentration, and environmental factors. <i>Polymers for Advanced Technologies</i> , 2015, 26, 837-850.	1.6	58
81	Exosomes as drug delivery vehicles for Parkinson's disease therapy. <i>Journal of Controlled Release</i> , 2015, 207, 18-30.	4.8	1,363
82	Core-shell corona doxorubicin-loaded superparamagnetic Fe ₃ O ₄ nanoparticles for cancer theranostics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 1073-1080.	2.5	59
83	VEGF-targeted magnetic nanoparticles for MRI visualization of brain tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 825-833.	1.7	101
84	Poly(2-oxazoline) based micelles with high capacity for 3rd generation taxoids: Preparation, in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2015, 208, 67-75.	4.8	87
85	SOD1 nanozyme salvages ischemic brain by locally protecting cerebral vasculature. <i>Journal of Controlled Release</i> , 2015, 213, 36-44.	4.8	69
86	Nanomechanical control of properties of biological membranes achieved by rodlike magnetic nanoparticles in a superlow-frequency magnetic field. <i>Technical Physics Letters</i> , 2015, 41, 455-457.	0.2	10
87	Accelerating the Translation of Nanomaterials in Biomedicine. <i>ACS Nano</i> , 2015, 9, 6644-6654.	7.3	279
88	A Low Protein Binding Cationic Poly(2-oxazoline) as Non-Viral Vector. <i>Macromolecular Bioscience</i> , 2015, 15, 1004-1020.	2.1	37
89	Bacteriophage phi11 lysin: Physicochemical characterization and comparison with phage phi801± lysin. <i>Enzyme and Microbial Technology</i> , 2015, 73-74, 51-58.	1.6	16
90	Towards nanomedicines of the future: Remote magneto-mechanical actuation of nanomedicines by alternating magnetic fields. <i>Journal of Controlled Release</i> , 2015, 219, 43-60.	4.8	179

#	ARTICLE	IF	CITATIONS
91	Synthesis of magnetite-gold nanoparticles with core-shell structure. Moscow University Chemistry Bulletin, 2015, 70, 149-156.	0.2	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.	2.5	32
93	Treatment of glioma by cisplatin-loaded nanogels conjugated with monoclonal antibodies against Cx43 and BSAT1. Drug Delivery, 2015, 22, 276-285.	2.5	52
94	GDNF-Transfected Macrophages Produce Potent Neuroprotective Effects in Parkinson's Disease Mouse Model. PLoS ONE, 2014, 9, e106867.	1.1	111
95	Macrophages offer a paradigm switch for CNS delivery of therapeutic proteins. Nanomedicine, 2014, 9, 1403-1422.	1.7	78
96	Peptidoglycan degrading activity of the broad-range Salmonella bacteriophage S-394 recombinant endolysin. Biochimie, 2014, 107, 293-299.	1.3	31
97	Bench-to-bedside translation of magnetic nanoparticles. Nanomedicine, 2014, 9, 501-516.	1.7	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.	0.2	23
99	An investigation of the structure and function of antistaphylococcal endolysins using kinetic methods. Moscow University Chemistry Bulletin, 2014, 69, 107-111.	0.2	3
100	Catalytic characteristics of enzyme-polyelectrolyte complexes based on hexahistidine-containing organophosphorus hydrolase. Moscow University Chemistry Bulletin, 2014, 69, 125-130.	0.2	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.	0.2	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.	1.3	65
103	Targeted Delivery of Cisplatin by Δ ionnexin 43 Vector Nanogels to the Focus of Experimental Glioma C6. Bulletin of Experimental Biology and Medicine, 2014, 157, 524-529.	0.3	15
104	Formulation design facilitates magnetic nanoparticle delivery to diseased cells and tissues. Nanomedicine, 2014, 9, 469-485.	1.7	47
105	Nanomechanical control of the activity of enzymes immobilized on single-domain magnetic nanoparticles. Technical Physics, 2014, 59, 932-935.	0.2	9
106	Agile delivery of protein therapeutics to CNS. Journal of Controlled Release, 2014, 190, 637-663.	4.8	88
107	Pluronics and MDR Reversal: An Update. Molecular Pharmaceutics, 2014, 11, 2566-2578.	2.3	186
108	Drug-Induced Morphology Switch in Drug Delivery Systems Based on Poly(2-oxazoline)s. ACS Nano, 2014, 8, 2686-2696.	7.3	125

#	ARTICLE	IF	CITATIONS
109	Mixed Valence Copper(I,II) Binuclear Complexes with Unexpected Structure: Synthesis, Biological Properties and Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6252-6258.	2.9	75
110	Neuronal uptake of nanoformulated superoxide dismutase and attenuation of angiotensin II-dependent hypertension after central administration. <i>Free Radical Biology and Medicine</i> , 2014, 73, 299-307.	1.3	28
111	Pluronic modified leptin with increased systemic circulation, brain uptake and efficacy for treatment of obesity. <i>Journal of Controlled Release</i> , 2014, 191, 34-46.	4.8	40
112	Use of Protease Inhibitors in Composite Polyelectrolyte Microparticles in Order to Increase the Bioavailability of Perorally Administered Encapsulated Proteins. <i>Pharmaceutical Chemistry Journal</i> , 2013, 47, 62-69.	0.3	22
113	Cross-linked Polymeric Micelles based on Block Ionomer Complexes. <i>Mendeleev Communications</i> , 2013, 23, 179-186.	0.6	28
114	LHRH-Targeted Nanogels as a Delivery System for Cisplatin to Ovarian Cancer. <i>Molecular Pharmaceutics</i> , 2013, 10, 3913-3921.	2.3	54
115	A new approach to the control of biochemical reactions in a magnetic nanosuspension using a low-frequency magnetic field. <i>Technical Physics Letters</i> , 2013, 39, 240-243.	0.2	22
116	Polypeptide nanogels with hydrophobic moieties in the cross-linked ionic cores: synthesis, characterization and implications for anticancer drug delivery. <i>Journal of Drug Targeting</i> , 2013, 21, 981-993.	2.1	27
117	Macrophage folate receptor-targeted antiretroviral therapy facilitates drug entry, retention, antiretroviral activities and biodistribution for reduction of human immunodeficiency virus infections. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1263-1273.	1.7	83
118	Nanocarriers for delivery of platinum anticancer drugs. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1667-1685.	6.6	345
119	Can nanomedicines kill cancer stem cells?. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1763-1783.	6.6	114
120	Brain delivery of proteins via their fatty acid and block copolymer modifications. <i>Journal of Drug Targeting</i> , 2013, 21, 940-955.	2.1	19
121	Physicochemical characterization of the staphylolytic LysK enzyme in complexes with polycationic polymers as a potent antimicrobial. <i>Biochimie</i> , 2013, 95, 1689-1696.	1.3	23
122	Single-domain magnetic nanoparticles as force generators for the nanomechanical control of biochemical reactions by low-frequency magnetic fields. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013, 77, 1350-1359.	0.1	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. <i>Molecular Pharmaceutics</i> , 2013, 10, 360-377.	2.3	74
124	Chiral and water-soluble poly(2-oxazoline)s. <i>Journal of Polymer Science Part A</i> , 2013, 51, 732-738.	2.5	28
125	Biodegradable hybrid polymer micelles for combination drug therapy in ovarian cancer. <i>Journal of Controlled Release</i> , 2013, 171, 339-348.	4.8	98
126	A simple way to enhance Doxil® therapy: Drug release from liposomes at the tumor site by amphiphilic block copolymer. <i>Journal of Controlled Release</i> , 2013, 168, 61-69.	4.8	101

#	ARTICLE	IF	CITATIONS
127	Cell-mediated drug delivery to the brain. <i>Journal of Drug Delivery Science and Technology</i> , 2013, 23, 419-433.	1.4	24
128	Specific Transfection of Inflamed Brain by Macrophages: A New Therapeutic Strategy for Neurodegenerative Diseases. <i>PLoS ONE</i> , 2013, 8, e61852.	1.1	124
129	Effect of Doxorubicin/Pluronic SP1049C on Tumorigenicity, Aggressiveness, DNA Methylation and Stem Cell Markers in Murine Leukemia. <i>PLoS ONE</i> , 2013, 8, e72238.	1.1	76
130	Preparation and In Vivo Evaluation of Dichloro(1,2-Diaminocyclohexane)platinum(II)-Loaded Core Cross-Linked Polymer Micelles. <i>Chemotherapy Research and Practice</i> , 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. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 154, 274-277.	0.3	16
132	Changing the Enzyme Reaction Rate in Magnetic Nanosuspensions by a Non-Heating Magnetic Field. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12016-12019.	7.2	53
133	Effect of dimerization on the catalytic properties of native and chimeric organophosphorus hydrolase determined by molecular modeling of the enzyme structure. <i>Russian Chemical Bulletin</i> , 2012, 61, 449-455.	0.4	26
134	Synergistic Combinations of Multiple Chemotherapeutic Agents in High Capacity Poly(2-oxazoline) Micelles. <i>Molecular Pharmaceutics</i> , 2012, 9, 2302-2313.	2.3	110
135	Macromol. Rapid Commun. 19/2012. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1724-1724.	2.0	4
136	Blood-borne macrophage-neural cell interactions hitchhike on endosome networks for cell-based nanozyme brain delivery. <i>Nanomedicine</i> , 2012, 7, 815-833.	1.7	51
137	Well-defined cross-linked antioxidant nanozymes for treatment of ischemic brain injury. <i>Journal of Controlled Release</i> , 2012, 162, 636-645.	4.8	99
138	Mononuclear phagocyte intercellular crosstalk facilitates transmission of cell-targeted nanoformulated antiretroviral drugs to human brain endothelial cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 2373.	3.3	48
139	Cisplatin-loaded core cross-linked micelles: comparative pharmacokinetics, antitumor activity, and toxicity in mice. <i>International Journal of Nanomedicine</i> , 2012, 7, 2557.	3.3	51
140	Differentiation of human stem cells is promoted by amphiphilic pluronic block copolymers. <i>International Journal of Nanomedicine</i> , 2012, 7, 4849.	3.3	43
141	Poly(2-oxazoline)s as Polymer Therapeutics. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1613-1631.	2.0	392
142	Tumor-Specific Contrast Agent Based on Ferric Oxide Superparamagnetic Nanoparticles for Visualization of Gliomas by Magnetic Resonance Tomography. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 153, 89-93.	0.3	3
143	Cross-linked antioxidant nanozymes for improved delivery to CNS. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 119-129.	1.7	75
144	Block ionomer complexes of PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. <i>Journal of Controlled Release</i> , 2012, 160, 486-494.	4.8	54

#	ARTICLE	IF	CITATIONS
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, .	0.2	0
147	Neuronal Toxicity & Uptake of Cross-Linked Copper/Zinc Superoxide Dismutase Nanozyme (clâ€SOD1) Tj ETQq1 1 0.784314 rgBT / 0.2	0.2	0
148	Cell-mediated drug delivery. Expert Opinion on Drug Delivery, 2011, 8, 415-433.	2.4	274
149	Polyelectrolyte complex optimization for macrophage delivery of redox enzyme nanoparticles. Nanomedicine, 2011, 6, 25-42.	1.7	54
150	Comparative manufacture and cell-based delivery of antiretroviral nanoformulations. International Journal of Nanomedicine, 2011, 6, 3393.	3.3	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.	4.8	107
153	Core cross-linked block ionomer micelles as pH-responsive carriers for cis-diamminedichloroplatinum(II). Journal of Controlled Release, 2011, 153, 64-72.	4.8	90
154	Eighth International Nanomedicine and Drug Delivery Symposium (NanoDDS'10). Journal of Controlled Release, 2011, 153, 1.	4.8	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.	1.0	25
156	Structure-property relationship in cytotoxicity and cell uptake of poly(2-oxazoline) amphiphiles. Journal of Controlled Release, 2011, 153, 73-82.	4.8	183
157	Magnetic Resonance Imaging of Endothelial Cells with Vectorized Iron Oxide Nanoparticles. Bulletin of Experimental Biology and Medicine, 2011, 151, 726-730.	0.3	1
158	Neuronal uptake and intracellular superoxide scavenging of a fullerene (C60)-poly(2-oxazoline)s nanoformulation. Biomaterials, 2011, 32, 3654-3665.	5.7	90
159	Folate-decorated nanogels for targeted therapy of ovarian cancer. Biomaterials, 2011, 32, 5417-5426.	5.7	211
160	Polyelectrolyte nanogels decorated with monoclonal antibody for targeted drug delivery. Reactive and Functional Polymers, 2011, 71, 315-323.	2.0	33
161	Cell-mediated transfer of catalase nanoparticles from macrophages to brain endothelial, glial and neuronal cells. Nanomedicine, 2011, 6, 1215-1230.	1.7	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.	0.4	6

#	ARTICLE	IF	CITATIONS
163	Stabilization of enzymes-antioxidants by complex and conjugate formation with block copolymers: Prospects for CNS treatment. <i>Moscow University Chemistry Bulletin</i> , 2010, 65, 190-196.	0.2	2
164	Pluronic block copolymers and Pluronic poly(acrylic acid) microgels in oral delivery of megestrol acetate. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 1233-1241.	1.2	49
165	Differential metabolic responses to pluronic in MDR and non-MDR cells: A novel pathway for chemosensitization of drug resistant cancers. <i>Journal of Controlled Release</i> , 2010, 142, 89-100.	4.8	132
166	Effects of pluronic and doxorubicin on drug uptake, cellular metabolism, apoptosis and tumor inhibition in animal models of MDR cancers. <i>Journal of Controlled Release</i> , 2010, 143, 290-301.	4.8	142
167	Endocytosis of nanomedicines. <i>Journal of Controlled Release</i> , 2010, 145, 182-195.	4.8	1,755
168	Visualization of exogenous delivery of nanoformulated butyrylcholinesterase to the central nervous system. <i>Chemico-Biological Interactions</i> , 2010, 187, 295-298.	1.7	35
169	Pluronic-modified superoxide dismutase 1 attenuates angiotensin II-induced increase in intracellular superoxide in neurons. <i>Free Radical Biology and Medicine</i> , 2010, 49, 548-558.	1.3	49
170	Nanozyme Superoxide Dismutase Reduces the Severity of Influenza A (H1N1) Infection in Mice. <i>Free Radical Biology and Medicine</i> , 2010, 49, S192.	1.3	0
171	The exploitation of differential endocytic pathways in normal and tumor cells in the selective targeting of nanoparticulate chemotherapeutic agents. <i>Biomaterials</i> , 2010, 31, 923-933.	5.7	145
172	The utilization of pathogen-like cellular trafficking by single chain block copolymer. <i>Biomaterials</i> , 2010, 31, 1757-1764.	5.7	47
173	Doubly amphiphilic poly(2-oxazoline)s as high-capacity delivery systems for hydrophobic drugs. <i>Biomaterials</i> , 2010, 31, 4972-4979.	5.7	256
174	The attenuation of central angiotensin II-dependent pressor response and intra-neuronal signaling by intracarotid injection of nanoformulated copper/zinc superoxide dismutase. <i>Biomaterials</i> , 2010, 31, 5218-5226.	5.7	70
175	Transport across the Blood-Brain Barrier of Pluronic Leptin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 253-263.	1.3	68
176	Polymeric Micelles with Ionic Cores Containing Biodegradable Cross-Links for Delivery of Chemotherapeutic Agents. <i>Biomacromolecules</i> , 2010, 11, 919-926.	2.6	119
177	Photocontrolled Self-Assembly and Disassembly of Block Ionomer Complex Vesicles: A Facile Approach toward Supramolecular Polymer Nanocontainers. <i>Langmuir</i> , 2010, 26, 709-715.	1.6	196
178	Protein Modification with Amphiphilic Block Copoly(2-oxazoline)s as a New Platform for Enhanced Cellular Delivery. <i>Molecular Pharmaceutics</i> , 2010, 7, 984-992.	2.3	68
179	Macrophage delivery of therapeutic nanozymes in a murine model of Parkinson's disease. <i>Nanomedicine</i> , 2010, 5, 379-396.	1.7	154
180	Nanoformulated superoxide dismutase 1 (SOD1): Implications for angiotensin II (AngII) and brain-related cardiovascular diseases. <i>FASEB Journal</i> , 2010, 24, 402.2.	0.2	0

#	ARTICLE	IF	CITATIONS
181	Polymer micelles with cross-linked polyanion core for delivery of a cationic drug doxorubicin. <i>Journal of Controlled Release</i> , 2009, 138, 197-204.	4.8	234
182	Nanogels as Pharmaceutical Carriers: Finite Networks of Infinite Capabilities. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5418-5429.	7.2	1,134
183	The effect of the nonionic block copolymer pluronic P85 on gene expression in mouse muscle and antigen-presenting cells. <i>Biomaterials</i> , 2009, 30, 1232-1245.	5.7	41
184	Effect of Pluronic P85 on Amino Acid Transport in Bovine Brain Microvessel Endothelial Cells. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 35-46.	2.1	16
185	Nanobiology for the Pharmacology of Cellular Ion Channels. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 7-9.	2.1	0
186	The uptake of N-(2-hydroxypropyl)-methacrylamide based homo, random and block copolymers by human multi-drug resistant breast adenocarcinoma cells. <i>Biomaterials</i> , 2009, 30, 5682-5690.	5.7	89
187	Mixed micelles based on cationic and anionic amphiphilic diblock copolymers containing identical hydrophobic blocks. <i>Polymer Science - Series A</i> , 2009, 51, 606-615.	0.4	8
188	Block ionomer complex micelles with cross-linked cores for drug delivery. <i>Polymer Science - Series A</i> , 2009, 51, 708-718.	0.4	31
189	Novel 19F MRS/I Nanoprobe Based on pH-Responsive PEGylated Nanogel: pH-Dependent 19F Magnetic Resonance Studies. <i>Chemistry Letters</i> , 2009, 38, 128-129.	0.7	21
190	Facilitated Monocyte-Macrophage Uptake and Tissue Distribution of Superparamagnetic Iron-Oxide Nanoparticles. <i>PLoS ONE</i> , 2009, 4, e4343.	1.1	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. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 83-94.	2.1	199
193	The Promise and Perils of CNS Drug Delivery: A Video Debate. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 58-58.	2.1	10
194	Amphiphilic Block Copolymers Enhance Cellular Uptake and Nuclear Entry of Polyplex-Delivered DNA. <i>Bioconjugate Chemistry</i> , 2008, 19, 1987-1994.	1.8	87
195	<i>Polymer Nanomaterials</i> . , 2008, , 691-707.		5
196	Pluronic block copolymers: Evolution of drug delivery concept from inert nanocarriers to biological response modifiers. <i>Journal of Controlled Release</i> , 2008, 130, 98-106.	4.8	1,091
197	Prevention of MDR development in leukemia cells by micelle-forming polymeric surfactant. <i>Journal of Controlled Release</i> , 2008, 131, 220-227.	4.8	85
198	Synthesis and Characterization of Star Poly(ϵ -caprolactone)- <i>b</i> -Poly(ethylene glycol) and Poly(ϵ -lactide)- <i>b</i> -Poly(ethylene glycol) Copolymers: Evaluation as Drug Delivery Carriers. <i>Bioconjugate Chemistry</i> , 2008, 19, 1423-1429.	1.8	92

#	ARTICLE	IF	CITATIONS
199	Different Internalization Pathways of Polymeric Micelles and Unimers and Their Effects on Vesicular Transport. <i>Bioconjugate Chemistry</i> , 2008, 19, 2023-2029.	1.8	163
200	Dynamic Properties of Block Ionomer Complexes with Polyion Complex Cores. <i>Macromolecules</i> , 2008, 41, 5863-5868.	2.2	30
201	Protein Conjugation with Amphiphilic Block Copolymers for Enhanced Cellular Delivery. <i>Bioconjugate Chemistry</i> , 2008, 19, 1071-1077.	1.8	47
202	Polyion Complex Nanomaterials from Block Polyelectrolyte Micelles and Linear Polyelectrolytes of Opposite Charge. 2. Dynamic Properties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 7732-7738.	1.2	48
203	Nanogels as Pharmaceutical Carriers. <i>Fundamental Biomedical Technologies</i> , 2008, , 67-80.	0.2	8
204	Polyion Complex Nanomaterials from Block Polyelectrolyte Micelles and Linear Polyelectrolytes of Opposite Charge: 1. Solution Behavior. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8419-8425.	1.2	54
205	Nanomaterials from Ionic Block Copolymers and Single-, Double-, and Triple-Tail Surfactants. <i>Langmuir</i> , 2007, 23, 2838-2842.	1.6	29
206	Block Polyelectrolyte Networks from Poly(acrylic acid) and Poly(ethylene oxide): Sorption and Release of Cytochrome C. <i>Biomacromolecules</i> , 2007, 8, 490-497.	2.6	35
207	A Macrophage-targeted Nanozyme Delivery System for Parkinson's Disease. <i>Bioconjugate Chemistry</i> , 2007, 18, 1498-1506.	1.8	177
208	Nanomedicine in the diagnosis and therapy of neurodegenerative disorders. <i>Progress in Polymer Science</i> , 2007, 32, 1054-1082.	11.8	225
209	Novel Delivery System Enhances Efficacy of Antiretroviral Therapy in Animal Model for HIV-1 Encephalitis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1033-1042.	2.4	67
210	Alteration of Genomic Responses to Doxorubicin and Prevention of MDR in Breast Cancer Cells by a Polymer Excipient: Pluronic P85. <i>Molecular Pharmaceutics</i> , 2006, 3, 113-123.	2.3	68
211	Template-assisted synthesis of nanogels from Pluronic-modified poly(acrylic acid). <i>Journal of Drug Targeting</i> , 2006, 14, 357-366.	2.1	40
212	Nanotools for Megaproblems: Probing Protein Misfolding Diseases Using Nanomedicine Modus Operandi. <i>Journal of Proteome Research</i> , 2006, 5, 2505-2522.	1.8	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. <i>Polymer Science - Series A</i> , 2006, 48, 997-1003.	0.4	15
214	Polymer genomics: An insight into pharmacology and toxicology of nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2006, 58, 1597-1621.	6.6	189
215	Polymer micelles with cross-linked ionic cores for delivery of anticancer drugs. <i>Journal of Controlled Release</i> , 2006, 114, 163-174.	4.8	177
216	Block ionomer complexes as prospective nanocontainers for drug delivery. <i>Journal of Controlled Release</i> , 2006, 115, 9-17.	4.8	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.	0.9	0
218	Transcriptional Activation of Gene Expression by Pluronic Block Copolymers in Stably and Transiently Transfected Cells. Molecular Therapy, 2006, 13, 804-813.	3.7	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.	4.8	96
222	Pluronic block copolymers alter apoptotic signal transduction of doxorubicin in drug-resistant cancer cells. Journal of Controlled Release, 2005, 105, 269-278.	4.8	140
223	Polyplex Nanogel formulations for drug delivery of cytotoxic nucleoside analogs. Journal of Controlled Release, 2005, 107, 143-157.	4.8	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.	4.8	58
225	Pluronic Block Copolymers for Gene Delivery. Advances in Genetics, 2005, 53PA, 231-261.	0.8	107
226	Fluorescence Anisotropy Study of Aqueous Dispersions of Block Ionomer Complexes. Journal of Physical Chemistry B, 2005, 109, 4303-4308.	1.2	13
227	Polypeptide Point Modifications with Fatty Acid and Amphiphilic Block Copolymers for Enhanced Brain Delivery. Bioconjugate Chemistry, 2005, 16, 793-802.	1.8	76
228	Synthesis and Evaluation of a Star Amphiphilic Block Copolymer from Poly(μ -caprolactone) and Poly(ethylene glycol) as a Potential Drug Delivery Carrier. Bioconjugate Chemistry, 2005, 16, 397-405.	1.8	301
229	Polymer Micelle with Cross-Linked Ionic Core. Journal of the American Chemical Society, 2005, 127, 8236-8237.	6.6	254
230	Pluronic block copolymers for gene delivery. Advances in Genetics, 2005, 53, 231-61.	0.8	16
231	Challenges in Polymer Therapeutics. Advances in Experimental Medicine and Biology, 2004, 519, 1-27.	0.8	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.	2.3	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.	4.8	220
234	Distribution kinetics of a micelle-forming block copolymer Pluronic P85. Journal of Controlled Release, 2004, 100, 389-397.	4.8	113

#	ARTICLE	IF	CITATIONS
235	Interpolyelectrolyte Complexes with a Micellar Structure. Doklady Physical Chemistry, 2004, 395, 72-75.	0.2	5
236	Heat Capacities of High-Purity Yttrium and Lutetium from 2 to 15 K. Inorganic Materials, 2004, 40, 130-133.	0.2	1
237	Effects of Pluronic P85 on GLUT1 and MCT1 Transporters in the Blood-Brain Barrier. Pharmaceutical Research, 2004, 21, 1993-2000.	1.7	36
238	Effect of Pluronic P85 on ATPase Activity of Drug Efflux Transporters. Pharmaceutical Research, 2004, 21, 2226-2233.	1.7	155
239	Formation of Multilayer Polyelectrolyte Complexes by Using Block Ionomer Micelles as Nucleating Particles. Journal of Physical Chemistry B, 2004, 108, 12352-12359.	1.2	44
240	Colloidal Stability of Aqueous Dispersions of Block Ionomer Complexes: Effects of Temperature and Salt. Langmuir, 2004, 20, 2066-2068.	1.6	64
241	Mixed Polymer Micelles of Amphiphilic and Cationic Copolymers for Delivery of Antisense Oligonucleotides. Journal of Drug Targeting, 2004, 12, 517-526.	2.1	57
242	Nanogels for Oligonucleotide Delivery to the Brain. Bioconjugate Chemistry, 2004, 15, 50-60.	1.8	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.	0.9	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.	1.7	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.	6.6	296
248	An essential relationship between ATP depletion and chemosensitizing activity of Pluronic® block copolymers. Journal of Controlled Release, 2003, 91, 75-83.	4.8	131
249	Environmentally Responsive Nanoparticles from Block Ionomer Complexes: Effects of pH and Ionic Strength. Langmuir, 2003, 19, 8069-8076.	1.6	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.	1.3	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.	6.6	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. <i>Macromolecules</i> , 2002, 35, 6344-6350.	2.2	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. <i>Macromolecules</i> , 2002, 35, 6351-6361.	2.2	66
255	Design and Formulation of Polyplexes Based on Pluronic-Polyethyleneimine Conjugates for Gene Transfer. <i>Bioconjugate Chemistry</i> , 2002, 13, 937-944.	1.8	136
256	Altered Organ Accumulation of Oligonucleotides Using Polyethyleneimine Grafted With Poly(ethylene Oxide) or Pluronic as Carriers. <i>Journal of Drug Targeting</i> , 2002, 10, 113-121.	2.1	26
257	Pluronic® block copolymers as novel polymer therapeutics for drug and gene delivery. <i>Journal of Controlled Release</i> , 2002, 82, 189-212.	4.8	1,310
258	Nanosized cationic hydrogels for drug delivery: preparation, properties and interactions with cells. <i>Advanced Drug Delivery Reviews</i> , 2002, 54, 135-147.	6.6	705
259	Pluronic® block copolymers: novel functional molecules for gene therapy. <i>Advanced Drug Delivery Reviews</i> , 2002, 54, 223-233.	6.6	327
260	Pluronic® block copolymers for overcoming drug resistance in cancer. <i>Advanced Drug Delivery Reviews</i> , 2002, 54, 759-779.	6.6	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. <i>Gene Therapy</i> , 2002, 9, 939-945.	2.3	31
262	Pluronic? Block Copolymers in Drug Delivery: from Micellar Nanocontainers to Biological Response Modifiers. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2002, 19, 1-72.	1.2	383
263	Block copolymeric biotransport carriers as versatile vehicles for drug delivery. <i>Expert Opinion on Biological Therapy</i> , 2001, 1, 583-602.	1.4	53
264	A Thermodynamic Characterization of the Interaction of a Cationic Copolymer with DNA. <i>Journal of Physical Chemistry B</i> , 2001, 105, 6042-6050.	1.2	76
265	Interaction of Nanosized Copolymer Networks with Oppositely Charged Amphiphilic Molecules. <i>Nano Letters</i> , 2001, 1, 535-540.	4.5	69
266	Tailor-made biomimetic random copolymers for medical applications. <i>Macromolecular Symposia</i> , 2001, 172, 87-94.	0.4	0
267	Selective energy depletion and sensitization of multiple drug-resistant cancer cells by pluronic block copolymer. <i>Macromolecular Symposia</i> , 2001, 172, 103-112.	0.4	6
268	Mechanism of sensitization of MDR cancer cells by Pluronic block copolymers: Selective energy depletion. <i>British Journal of Cancer</i> , 2001, 85, 1987-1997.	2.9	203
269	Evaluation of polyplexes as gene transfer agents. <i>Journal of Controlled Release</i> , 2001, 73, 401-416.	4.8	375
270	A combination of poloxamers increases gene expression of plasmid DNA in skeletal muscle. <i>Gene Therapy</i> , 2000, 7, 986-991.	2.3	208

#	ARTICLE	IF	CITATIONS
271	Evaluation of polyether-polyethyleneimine graft copolymers as gene transfer agents. <i>Gene Therapy</i> , 2000, 7, 126-138.	2.3	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. <i>Journal of Drug Targeting</i> , 2000, 8, 91-105.	2.1	133
274	Relationship between Pluronic Block Copolymer Structure, Critical Micellization Concentration and Partitioning Coefficients of Low Molecular Mass Solutes. <i>Macromolecules</i> , 2000, 33, 3305-3313.	2.2	297
275	Recognition of DNA Topology in Reactions between Plasmid DNA and Cationic Copolymers. <i>Journal of the American Chemical Society</i> , 2000, 122, 8339-8343.	6.6	142
276	Steric Stabilization of Negatively Charged Liposomes by Cationic Graft Copolymer. <i>Langmuir</i> , 2000, 16, 4877-4881.	1.6	29
277	Effects of Block Length and Structure of Surfactant on Self-Assembly and Solution Behavior of Block Ionomer Complexes. <i>Langmuir</i> , 2000, 16, 481-489.	1.6	133
278	Block copolymer-based formulation of doxorubicin. From cell screen to clinical trials. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 113-134.	2.5	234
279	Novel drug delivery systems based on the complexes of block ionomers and surfactants of opposite charge. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 243-251.	2.5	85
280	Poly(ethylene glycol)â€“polyethyleneimine NanoGelâ„¢ particles: novel drug delivery systems for antisense oligonucleotides. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 291-304.	2.5	206
281	Potential applications of polymers in the delivery of drugs to the central nervous system. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 321-330.	2.5	25
282	Reduction of fibronectin expression by intravitreal administration of antisense oligonucleotides. <i>Nature Biotechnology</i> , 1999, 17, 476-479.	9.4	59
283	Inhibition of multidrug resistance-associated protein (MRP) functional activity with pluronic block copolymers. <i>Pharmaceutical Research</i> , 1999, 16, 396-401.	1.7	116
284	Fundamental relationships between the composition of pluronic block copolymers and their hypersensitization effect in MDR cancer cells. <i>Pharmaceutical Research</i> , 1999, 16, 1373-1379.	1.7	266
285	Pluronic P85 increases permeability of a broad spectrum of drugs in polarized BBMEC and Caco-2 cell monolayers. <i>Pharmaceutical Research</i> , 1999, 16, 1366-1372.	1.7	192
286	Taking polycation gene delivery systems from in vitro to in vivo. <i>Pharmaceutical Science & Technology Today</i> , 1999, 2, 365-372.	0.7	123
287	Polyion Complex Micelles with Protein-Modified Corona for Receptor-Mediated Delivery of Oligonucleotides into Cells. <i>Bioconjugate Chemistry</i> , 1999, 10, 851-860.	1.8	136
288	Effects of pluronic P85 unimers and micelles on drug permeability in polarized BBMEC and Caco-2 cells. <i>Pharmaceutical Research</i> , 1998, 15, 1525-1532.	1.7	130

#	ARTICLE	IF	CITATIONS
289	Effects of pluronic block copolymers on drug absorption in Caco-2 cell monolayers. <i>Pharmaceutical Research</i> , 1998, 15, 850-855.	1.7	150
290	Interpolyelectrolyte and block ionomer complexes for gene delivery: physico-chemical aspects. <i>Advanced Drug Delivery Reviews</i> , 1998, 30, 49-60.	6.6	297
291	Spontaneous Formation of Vesicles from Complexes of Block Ionomers and Surfactants. <i>Journal of the American Chemical Society</i> , 1998, 120, 9941-9942.	6.6	277
292	Self-Assembly in Mixtures of Poly(ethylene oxide)-graft-Poly(ethyleneimine) and Alkyl Sulfates. <i>Langmuir</i> , 1998, 14, 6101-6106.	1.6	116
293	Block Ionomer Complexes from Polystyrene-block-polyacrylate Anions and N-Cetylpyridinium Cations. <i>Macromolecules</i> , 1998, 31, 4511-4515.	2.2	34
294	Self-Assembly of Polyamine~Poly(ethylene glycol) Copolymers with Phosphorothioate Oligonucleotides. <i>Bioconjugate Chemistry</i> , 1998, 9, 805-812.	1.8	237
295	Block copolymeric biotransport carriers as versatile vehicles for drug delivery. <i>Expert Opinion on Investigational Drugs</i> , 1998, 7, 1453-1473.	1.9	99
296	Solution Behavior and Self-Assembly of Complexes from Poly(\pm -methylstyrene)-block-poly(N-ethyl-4-vinylpyridinium) Cations and Aerosol OT Anions. <i>Macromolecules</i> , 1998, 31, 4516-4519.	2.2	23
297	Amphiphysin I Antisense Oligonucleotides Inhibit Neurite Outgrowth in Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 93-103.	1.7	98
298	Soluble Complexes from Poly(ethylene oxide)-block-polymethacrylate Anions and N-Alkylpyridinium Cations. <i>Macromolecules</i> , 1997, 30, 3519-3525.	2.2	224
299	Interactions of Pluronic Block Copolymers with Brain Microvessel Endothelial Cells: Evidence of Two Potential Pathways for Drug Absorption. <i>Bioconjugate Chemistry</i> , 1997, 8, 649-657.	1.8	154
300	Block Polycationic Oligonucleotide Derivative: Synthesis and Inhibition of Herpes Virus Reproduction. <i>Bioconjugate Chemistry</i> , 1996, 7, 3-6.	1.8	10
301	Soluble Stoichiometric Complexes from Poly(N-ethyl-4-vinylpyridinium) Cations and Poly(ethylene Terephthalate) Overlapped. <i>Journal of Polymer Science Part B: Polymer Physics</i> , 1997, 35, 1743-1752.	2.2	418
302	DNA affinity to biological membranes is enhanced due to complexation with hydrophobized polycation. <i>FEBS Letters</i> , 1996, 384, 177-180.	1.3	29
303	Enhancement of the polycation-mediated DNA uptake and cell transfection with Pluronic P85 block copolymer. <i>FEBS Letters</i> , 1996, 389, 278-280.	1.3	59
304	Hypersensitization of Multidrug Resistant Human Ovarian Carcinoma Cells by Pluronic P85 Block Copolymer. <i>Bioconjugate Chemistry</i> , 1996, 7, 209-216.	1.8	285
305	Anthracycline antibiotics non-covalently incorporated into the block copolymer micelles: in vivo evaluation of anti-cancer activity. <i>British Journal of Cancer</i> , 1996, 74, 1545-1552.	2.9	209
306	DNA Complexes with Polycations for the Delivery of Genetic Material into Cells. <i>Bioconjugate Chemistry</i> , 1995, 6, 7-20.	1.8	481

#	ARTICLE	IF	CITATIONS
307	Polyelectrolytes and Oppositely Charged Surfactants in Organic Solvents: From Reversed Micelles to Soluble Polymer-Surfactant Complexes. <i>Macromolecules</i> , 1995, 28, 3657-3663.	2.2	22
308	Supramolecular devices for targeting dna into cells: Fundamentals and perspectives. <i>Macromolecular Symposia</i> , 1995, 98, 601-613.	0.4	16
309	Fatty Acid Acylated Peroxidase as a Model for the Study of Interactions of Hydrophobically-Modified Proteins with Mammalian Cells. <i>Bioconjugate Chemistry</i> , 1995, 6, 608-615.	1.8	27
310	Water-Soluble Block Polycations as Carriers for Oligonucleotide Delivery. <i>Bioconjugate Chemistry</i> , 1995, 6, 639-643.	1.8	263
311	Micelle Formation and Solubilization of Fluorescent Probes in Poly(oxyethylene-b-oxypropylene-b-oxyethylene) Solutions. <i>Macromolecules</i> , 1995, 28, 2303-2314.	2.2	439
312	New approaches to targeting bioactive compounds. <i>Journal of Controlled Release</i> , 1994, 28, 15-35.	4.8	9
313	Inhibition of Herpes Simplex Virus 1 Reproduction with Hydrophobized Antisense Oligonucleotides. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 959-966.	1.0	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. <i>Bioconjugate Chemistry</i> , 1993, 4, 448-454.	1.8	62
316	Protein radiolabeling with Bolton-Hunter reagent in surfactant reversed micelles in organic solvent. <i>Bioconjugate Chemistry</i> , 1992, 3, 273-274.	1.8	3
317	Cell-free translation in reversed micelles. <i>FEBS Letters</i> , 1992, 309, 330-332.	1.3	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. <i>Journal of Controlled Release</i> , 1992, 22, 141-157.	4.8	276
319	Pluronic micelles as a tool for low-molecular compound vector delivery into a cell: effect of <i>Staphylococcus aureus</i> enterotoxin B on cell loading with micelle incorporated fluorescent dye. <i>Biochemistry International</i> , 1992, 26, 1035-42.	0.2	10
320	Hydrophobized antiviral antibodies and antisense oligonucleotides. <i>Advances in Enzyme Regulation</i> , 1991, 31, 417-430.	2.9	2
321	Fatty acid acylated Fab-fragments of antibodies to neurospecific proteins as carriers for neuroleptic targeted delivery in brain. <i>FEBS Letters</i> , 1991, 287, 149-152.	1.3	48
322	Regulation of the catalytic activity and oligomeric composition of enzymes in reversed micelles of surfactants in organic solvents. <i>FEBS Letters</i> , 1991, 278, 143-146.	1.3	17
323	Subunit separation in reversed micelle system reveals the existence of active centers both on light and heavy ^{13}C -glutamyltransferase subunits. <i>FEBS Letters</i> , 1991, 295, 73-76.	1.3	12
324	Engineering of functional supramacromolecular complexes of proteins (enzymes) using reversed micelles as matrix microreactors. <i>Protein Engineering, Design and Selection</i> , 1991, 4, 1009-1017.	1.0	44

#	ARTICLE	IF	CITATIONS
325	DNA interpolyelectrolyte complexes as a tool for efficient cell transformation. <i>Biopolymers</i> , 1991, 31, 1437-1443.	1.2	88
326	Tailoring of macromolecule conjugates using reversed micelles as matrix microreactors. <i>Die Makromolekulare Chemie</i> , 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. <i>FEBS Letters</i> , 1990, 259, 327-330.	1.3	103
328	The principal difference in regulation of the catalytic activity of water-soluble and membrane forms of enzymes in reversed micelles. <i>FEBS Letters</i> , 1990, 267, 236-238.	1.3	11
329	Lipid modification of proteins and their membrane transport. <i>Protein Engineering, Design and Selection</i> , 1989, 3, 39-42.	1.0	45
330	A new strategy for the study of oligomeric enzymes: $\hat{1}^3$ -glutamyltransferase in reversed micelles of surfactants in organic solvents. <i>BBA - Proteins and Proteomics</i> , 1989, 996, 147-152.	2.1	31
331	A new way in homogeneous immunoassay: Reversed micellar systems as a medium for analysis. <i>Analytical Biochemistry</i> , 1989, 181, 145-148.	1.1	26
332	Micellar enzymology: its relation to membranology. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 981, 161-172.	1.4	274
333	Fatty acid acylated antibodies against virus suppress its reproduction in cells. <i>FEBS Letters</i> , 1989, 250, 238-240.	1.3	34
334	The neuroleptic activity of haloperidol increases after its solubilization in surfactant micelles. <i>FEBS Letters</i> , 1989, 258, 343-345.	1.3	266
335	Hydrophobized proteins penetrating lipid membranes. <i>Collection of Czechoslovak Chemical Communications</i> , 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. <i>Journal of Theoretical Biology</i> , 1988, 133, 327-343.	0.8	97
337	Transformation of Water-Soluble Enzymes into Membrane Active Form by Chemical Modification. <i>Annals of the New York Academy of Sciences</i> , 1987, 501, 63-66.	1.8	21
338	<i>Polymer Genomics</i> . , 0, , 173-198.		8
339	Structure, dispersion stability and dynamics of DNA and polycation complexes. , 0, , 164-189.		5
340	<i>Polyelectrolyte Complexes: Nucleic Acid Targeting</i> . , 0, , 6158-6164.		0