Alexander V Kabanov

List of Publications by Year
in descending order

340	36,375	2440	4131
papers	citations	100 h-index	181 g-index

369	369	369	31717
all docs	docs citations	times ranked	citing authors

#	Article	IF	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.	1.7	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.	5.2	31
3	Enhancing CDK4/6 inhibitor therapy for medulloblastoma using nanoparticle delivery and scRNA-seqâ€“guided combination with sapanisertib. Science Advances, 2022, 8, eabl5838.	4.7	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.	2.1	6
5	Modulation of Î±-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.	1.6	6
6	PEG-Free Polyion Complex Nanocarriers for Brain-Derived Neurotrophic Factor. Pharmaceutics, 2022, 14, 1391.	2.0	2
7	A mechanismâ€based pharmacokinetic model of remdesivir leveraging interspecies scaling to simulate COVIDâ€19 treatment in humans. CPT: Pharmacometrics and Systems Pharmacology, 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. Bio-protocol, 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. Bio-protocol, 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. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 32, 102345.	1.7	32
11	Superoxide Dismutase 1 Nanoparticles (Nano-SOD1) as a Potential Drug for the Treatment of Inflammatory Eye Diseases. Biomedicines, 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. Nanomaterials, 2021, 11, 2255.	1.9	21
13	Mannosylated Cationic Copolymers for Gene Delivery to Macrophages. Macromolecular Bioscience, 2021, 21, e2000371.	2.1	12
14	Bioequivalence assessment of high-capacity polymeric micelle nanoformulation of paclitaxel and AbraxaneÂ® in rodent and non-human primate models using a stable isotope tracer assay. Biomaterials, 2021, 278, 121140.	5.7	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.	2.1	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.	1.7	43
17	Polymeric micelles for the delivery of poorly soluble drugs: From nanoformulation to clinical approval. Advanced Drug Delivery Reviews, 2020, 156, 80-118.	6.6	282
18	A reanalysis of nanoparticle tumor delivery using classical pharmacokinetic metrics. Science Advances, 2020, 6, eaay9249.	4.7	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.	1.6	12
20	Enzyme Release from Polyion Complex by Extremely Low Frequency Magnetic Field. Scientific Reports, 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. Science Advances, 2020, 6, eaba5542.	4.7	48
22	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. Cell Metabolism, 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. American Journal of Physiology - Renal Physiology, 2020, 318, G428-G438.	1.6	18
24	Specificities of Soling Processes in Technologies of Geoconstruction. Lecture Notes in Civil Engineering, 2020, , 421-429.	0.3	1
25	Treatment of Sleep Disordered Breathing With Leptin Loaded Exosomes. FASEB Journal, 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. International Journal of Molecular Sciences, 2019, 20, 3733.	1.8	19
27	Brief update on endocytosis of nanomedicines. Advanced Drug Delivery Reviews, 2019, 144, 90-111.	6.6	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.	4.8	35
29	Targeted Delivery of siRNA Lipoplexes to Cancer Cells Using Macrophage Transient Horizontal Gene Transfer. Advanced Science, 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 Parkinsonâ€™s disease in transgenic Parkin Q311X(A) mice. Journal of Controlled Release, 2019, 315, 139-149.	4.8	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.	1.7	15
32	Synthesis of Well-Defined Gold Nanoparticles Using Pluronic: The Role of Radicals and Surfactants in Nanoparticles Formation. Polymers, 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). Journal of Colloid and Interface Science, 2019, 552, 689-700.	5.0	45
34	Cheminformatics-driven discovery of polymeric micelle formulations for poorly soluble drugs. Science Advances, 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. Russian Metallurgy (Metally), 2019, 2019, 374-384.	0.1	1
36	Pluronic block copolymers enhance the anti-myeloma activity of proteasome inhibitors. Journal of Controlled Release, 2019, 306, 149-164.	4.8	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.	3.9	83
38	Effect of nanoformulated copper/zinc superoxide dismutase on chronic ethanol-induced alterations in liver and adipose tissue. Alcohol, 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. Biomaterials, 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. Steel Research International, 2019, 90, 1800336.	1.0	8
41	In Situ Observation of Chymotrypsin Catalytic Activity Change Actuated by Nonheating Low-Frequency Magnetic Field. ACS Nano, 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. ACS Nano, 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. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 195-204.	1.7	469
44	Multilayer polyion complex nanoformulations of superoxide dismutase 1 for acute spinal cord injury. Journal of Controlled Release, 2018, 270, 226-236.	4.8	45
45	Nanoformulation of Brainâ€Derived Neurotrophic Factor with Target Receptorâ€Triggeredâ€Release in the Central Nervous System. Advanced Functional Materials, 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. Neuro-Oncology, 2018, 20, vi278-vi278.	0.6	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.	0.1	4
50	Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update. Biomaterials, 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. 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.	4.8	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.	0.8	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.	0.8	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.	0.8	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.	2.6	17
57	Macrophages with cellular backpacks for targeted drug delivery to the brain. Biomaterials, 2017, 140, 79-87.	5.7	121
58	Intranasal delivery of N-terminal modified leptin-pluronic conjugate for treatment of obesity. Journal of Controlled Release, 2017, 263, 172-184.	4.8	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.	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. Translational Research, 2017, 188, 10-26.	2.2	20
62	Macrophage exosomes as natural nanocarriers for protein delivery to inflamed brain. Biomaterials, 2017, 142, 1-12.	5.7	411
63	The Improvement of Foam Concrete Geoecoprotective Properties in Transport Construction. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012010.	0.2	20
64	Lithosynthesis of the properties in the transport construction on the cement base. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012009.	0.2	18
65	Superoxide Dismutase 1 Nanozyme for Treatment of Eye Inflammation. Oxidative Medicine and Cellular Longevity, 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. Chemistry of Materials, 2016, 28, 3024-3040.	3.2	15
67	Data on macrophage mediated muscle transfection upon delivery of naked plasmid DNA with block copolymers. Data in Brief, 2016, 7, 1269-1282.	0.5	0
68	VEGF- and VEGFR2-Targeted Liposomes for Cisplatin Delivery to Glioma Cells. Molecular Pharmaceutics, 2016, 13, 3712-3723.	2.3	47
69	Nanoformulated copper/zinc superoxide dismutase reduces adipose inflammation in obesity. Obesity, 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. Pharmacology Biochemistry and Behavior, 2016, 150-151, 48-56.	1.3	71
71	Nanozyme technology at Moscow State University. Achievements and development perspectives. Moscow University Chemistry Bulletin, 2016, 71, 209-220.	0.2	2
72	ATR maintains chromosomal integrity during postnatal cerebellar neurogenesis and is required for medulloblastoma formation. Development (Cambridge), 2016, 143, 4038-4052.	1.2	46

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73	Remote Actuation of Magnetic Nanoparticles For Cancer Cell Selective Treatment Through Cytoskeletal Disruption. Scientific Reports, 2016, 6, 33560.	1.6	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.	5.7	151
75	SOD1 nanozyme with reduced toxicity and MPS accumulation. Journal of Controlled Release, 2016, 231, 38-49.	4.8	46
76	Connexin 43â€targeted T₁ contrast agent for MRI diagnosis of glioma. Contrast Media and Molecular Imaging, 2016, 11, 15-23.	0.4	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.	1.0	17
78	Development of exosome-encapsulated paclitaxel to overcome MDR in cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 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. Biomaterials, 2016, 75, 58-70.	5.7	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.	1.6	58
81	Exosomes as drug delivery vehicles for Parkinson's disease therapy. Journal of Controlled Release, 2015, 207, 18-30.	4.8	1,363
82	Coreâ€“shellâ€“corona doxorubicin-loaded superparamagnetic Fe 3 O 4 nanoparticles for cancer theranostics. Colloids and Surfaces B: Biointerfaces, 2015, 136, 1073-1080.	2.5	59
83	VEGF-targeted magnetic nanoparticles for MRI visualization of brain tumor. Nanomedicine: Nanotechnology, Biology, and Medicine, 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. Journal of Controlled Release, 2015, 208, 67-75.	4.8	87
85	SOD1 nanozyme salvages ischemic brain by locally protecting cerebral vasculature. Journal of Controlled Release, 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. Technical Physics Letters, 2015, 41, 455-457.	0.2	10
87	Accelerating the Translation of Nanomaterials in Biomedicine. ACS Nano, 2015, 9, 6644-6654.	7.3	279
88	A Low Protein Binding Cationic Poly(2â€oxazoline) as Nonâ€Viral Vector. Macromolecular Bioscience, 2015, 15, 1004-1020.	2.1	37
89	Bacteriophage phi11 lysin: Physicochemical characterization and comparison with phage phi80Î± lysin. Enzyme and Microbial Technology, 2015, 73-74, 51-58.	1.6	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.	4.8	179

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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 Ð¡onnexin 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

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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.	2.9	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.	1.3	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.	4.8	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.	0.3	22
113	Cross-linked Polymeric Micelles based on Block Ionomer Complexes. Mendeleev Communications, 2013, 23, 179-186.	0.6	28
114	LHRH-Targeted Nanogels as a Delivery System for Cisplatin to Ovarian Cancer. Molecular Pharmaceutics, 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. Technical Physics Letters, 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. Journal of Drug Targeting, 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. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 1263-1273.	1.7	83
118	Nanocarriers for delivery of platinum anticancer drugs. Advanced Drug Delivery Reviews, 2013, 65, 1667-1685.	6.6	345
119	Can nanomedicines kill cancer stem cells?. Advanced Drug Delivery Reviews, 2013, 65, 1763-1783.	6.6	114
120	Brain delivery of proteins via their fatty acid and block copolymer modifications. Journal of Drug Targeting, 2013, 21, 940-955.	2.1	19
121	Physicochemical characterization of the staphylolytic LysK enzyme in complexes with polycationic polymers as a potent antimicrobial. Biochimie, 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. Bulletin of the Russian Academy of Sciences: Physics, 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. Molecular Pharmaceutics, 2013, 10, 360-377.	2.3	74
124	Chiral and waterâ€soluble poly(2â€oxazoline)s. Journal of Polymer Science Part A, 2013, 51, 732-738.	2.5	28
125	Biodegradable hybrid polymer micelles for combination drug therapy in ovarian cancer. Journal of Controlled Release, 2013, 171, 339-348.	4.8	98
126	A simple way to enhance DoxilÂ® therapy: Drug release from liposomes at the tumor site by amphiphilic block copolymer. Journal of Controlled Release, 2013, 168, 61-69.	4.8	101

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127	Cell-mediated drug delivery to the brain. Journal of Drug Delivery Science and Technology, 2013, 23, 419-433.	1.4	24
128	Specific Transfection of Inflamed Brain by Macrophages: A New Therapeutic Strategy for Neurodegenerative Diseases. PLoS ONE, 2013, 8, e61852.	1.1	124
129	Effect of Doxorubicin/Pluronic SP1049C on Tumorigenicity, Aggressiveness, DNA Methylation and Stem Cell Markers in Murine Leukemia. PLoS ONE, 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. 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.	0.3	16
132	Changing the Enzyme Reaction Rate in Magnetic Nanosuspensions by a Nonâ€Heating Magnetic Field. Angewandte Chemie - International Edition, 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. Russian Chemical Bulletin, 2012, 61, 449-455.	0.4	26
134	Synergistic Combinations of Multiple Chemotherapeutic Agents in High Capacity Poly(2-oxazoline) Micelles. Molecular Pharmaceutics, 2012, 9, 2302-2313.	2.3	110
135	Macromol. Rapid Commun. 19/2012. Macromolecular Rapid Communications, 2012, 33, 1724-1724.	2.0	4
136	Blood-borne macrophageâ€“neural cell interactions hitchhike on endosome networks for cell-based nanozyme brain delivery. Nanomedicine, 2012, 7, 815-833.	1.7	51
137	Well-defined cross-linked antioxidant nanozymes for treatment of ischemic brain injury. Journal of Controlled Release, 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. International Journal of Nanomedicine, 2012, 7, 2373.	3.3	48
139	Cisplatin-loaded core cross-linked micelles: comparative pharmacokinetics, antitumor activity, and toxicity in mice. International Journal of Nanomedicine, 2012, 7, 2557.	3.3	51
140	Differentiation of human stem cells is promoted by amphiphilic pluronic block copolymers. International Journal of Nanomedicine, 2012, 7, 4849.	3.3	43
141	Poly(2â€oxazoline)s as Polymer Therapeutics. Macromolecular Rapid Communications, 2012, 33, 1613-1631.	2.0	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.	0.3	3
143	Cross-linked antioxidant nanozymes for improved delivery to CNS. Nanomedicine: Nanotechnology, Biology, and Medicine, 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. Journal of Controlled Release, 2012, 160, 486-494.	4.8	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, .	0.2	0
147	Neuronal Toxicity & Uptake of Crossâ€Linked Copper/Zinc Superoxide Dismutase Nanozyme (clâ€SOD1) Tj ETQq1 1 0.784314 rgBT /Ov	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

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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.	0.2	2
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