

Mikhail Papisov

List of Publications by Year in descending order

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44
papers

2,942
citations

279798

23
h-index

265206

42
g-index

44
all docs

44
docs citations

44
times ranked

3064
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocrystalline iron oxide nanocompounds (MION): Physicochemical properties. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 599-604.	3.0	511
2	Poly(ethylene glycol) on the liposome surface: on the mechanism of polymer-coated liposome longevity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1195, 11-20.	2.6	419
3	Long-circulating iron oxides for MR imaging. <i>Advanced Drug Delivery Reviews</i> , 1995, 16, 321-334.	13.7	374
4	A new macromolecule as a contrast agent for MR angiography: preparation, properties, and animal studies.. <i>Radiology</i> , 1993, 187, 701-706.	7.3	193
5	Why do Polyethylene Glycol-Coated Liposomes Circulate So Long?: Molecular Mechanism of Liposome Steric Protection with Polyethylene Glycol: Role of Polymer Chain Flexibility. <i>Journal of Liposome Research</i> , 1994, 4, 725-739.	3.3	182
6	MR lymphography: study of a high-efficiency lymphotropic agent.. <i>Radiology</i> , 1994, 191, 225-230.	7.3	122
7	Colloidal magnetic resonance contrast agents: effect of particle surface on biodistribution. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 122, 383-386.	2.3	116
8	CNS Penetration of Intrathecal-Lumbar Idursulfase in the Monkey, Dog and Mouse: Implications for Neurological Outcomes of Lysosomal Storage Disorder. <i>PLoS ONE</i> , 2012, 7, e30341.	2.5	113
9	Theoretical considerations of RES-avoiding liposomes: Molecular mechanics and chemistry of liposome interactions. <i>Advanced Drug Delivery Reviews</i> , 1998, 32, 119-138.	13.7	87
10	Physiology of the Intrathecal Bolus: The Leptomeningeal Route for Macromolecule and Particle Delivery to CNS. <i>Molecular Pharmaceutics</i> , 2013, 10, 1522-1532.	4.6	77
11	MR Lymphography with a Lymphotropic T1-Type MR Contrast Agent: Gd-DTPA-PGM. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 88-92.	3.0	68
12	In vivo degradation of silicones. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 839-843.	3.0	67
13	Mion-ASF: Biokinetics of an MR receptor agent. <i>Magnetic Resonance Imaging</i> , 1993, 11, 411-417.	1.8	61
14	Macromolecular intravenous contrast agent for MR lymphography: characterization and efficacy studies.. <i>Radiology</i> , 1996, 198, 365-370.	7.3	54
15	Skin Rejuvenation with Non-Invasive Pulsed Electric Fields. <i>Scientific Reports</i> , 2015, 5, 10187.	3.3	45
16	Synthesis of a Macromolecular Camptothecin Conjugate with Dual Phase Drug Release. <i>Molecular Pharmaceutics</i> , 2004, 1, 375-382.	4.6	37
17	Optimization of reaction conditions during enzyme immobilization on soluble carboxyl-containing carriers. <i>Enzyme and Microbial Technology</i> , 1985, 7, 11-16.	3.2	35
18	Determinants of in vivo MR imaging of slow axonal transport.. <i>Radiology</i> , 1994, 193, 485-491.	7.3	33

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19	Iodine-124 as a Label for Pharmacological PET Imaging. <i>Molecular Pharmaceutics</i> , 2011, 8, 736-747.	4.6	33
20	Involvement of Skeletal Muscle Gene Regulatory Network in Susceptibility to Wound Infection Following Trauma. <i>PLoS ONE</i> , 2007, 2, e1356.	2.5	32
21	Modeling in vivo transfer of long-circulating polymers (two classes of long circulating polymers) Tj ETQq1 1 0.784314 rgBT /Overlock 10 13.7 26		
22	MR Imaging of Slow Axonal Transport in Vivo. <i>Experimental Neurology</i> , 1993, 123, 235-242.	4.1	25
23	Magnetic Sephadex as a carrier for enzyme immobilization and drug targeting. <i>Journal of Biomedical Materials Research Part B</i> , 1985, 19, 461-466.	3.1	23
24	Magnetic drug targeting. I. in vivo kinetics of radiolabelled magnetic drug carriers. <i>International Journal of Pharmaceutics</i> , 1987, 40, 201-206.	5.2	23
25	Delivery of proteins to CNS as seen and measured by positron emission tomography. <i>Drug Delivery and Translational Research</i> , 2012, 2, 201-209.	5.8	23
26	Fully Degradable Hydrophilic Polyals for Protein Modification. <i>Biomacromolecules</i> , 2005, 6, 2648-2658.	5.4	22
27	Design, Synthesis, and Evaluation of ¹⁸ F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	6.4	22
28	Semisynthetic Hydrophilic Polyals. <i>Biomacromolecules</i> , 2005, 6, 2659-2670.	5.4	20
29	Synthesis and Preliminary Evaluations of a Triazole-Cored Antagonist as a PET Imaging Probe ([¹⁸ F]N2B-0518) for GluN2B Subunit in the Brain. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2263-2275.	3.5	13
30	Large-Volume Intrathecal Administrations: Impact on CSF Pressure and Safety Implications. <i>Frontiers in Neuroscience</i> , 2021, 15, 604197.	2.8	12
31	Magnetic drug targeting. II. targeted drug transport by magnetic microparticles: factors influencing therapeutic effect. <i>International Journal of Pharmaceutics</i> , 1987, 40, 207-214.	5.2	11
32	[¹⁸ F]MAGL-4-11 positron emission tomography molecular imaging of monoacylglycerol lipase changes in preclinical liver fibrosis models. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 308-315.	12.0	11
33	Polymeric contrast agents for MR imaging of adrenal glands. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 93-97.	3.4	10
34	Magnetically Driven Thrombolytic Preparation Containing Immobilized Streptokinase-Targeted Transport and Action. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1988, 18, 113-116.	0.3	8
35	Investigation of intrathecal transport of NPT002, a prospective therapeutic based on phage M13, in nonhuman primates. <i>Drug Delivery and Translational Research</i> , 2012, 2, 210-221.	5.8	8
36	The Configuration of the Perivascular System Transporting Macromolecules in the CNS. <i>Frontiers in Neuroscience</i> , 2019, 13, 511.	2.8	8

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37	Solute Transport in the Cerebrospinal Fluid: Physiology and Practical Implications. , 2019, , 251-274.		4
38	Intravenous carriers for drug delivery to lymph nodes. Journal of Controlled Release, 1994, 28, 293-294.	9.9	3
39	A Systemic Route for Drug Loading to Lymphatic Phagocytes. Molecular Pharmaceutics, 2005, 2, 47-56.	4.6	3
40	Acyclic Polyacetals from Polysaccharides: Biomimetic Biomedical "Stealth" Polymers. ACS Symposium Series, 2001, , 301-314.	0.5	2
41	Radioiodination of Aryl-Alkyl Cyclic Sulfates. Molecules, 2012, 17, 13266-13274.	3.8	2
42	Practical Radiosynthesis and Preclinical Neuroimaging of [¹¹ C]isradipine, a Calcium Channel Antagonist. Molecules, 2015, 20, 9550-9559.	3.8	2
43	Large Volume Intrathecal Bolus: CSF Pressure and Implications for Safety. FASEB Journal, 2017, 31, 1b585.	0.5	2
44	Macromolecular complexone for detection of microvasculature by magnetic resonance angiography. Journal of Controlled Release, 1994, 28, 325-326.	9.9	0