

Vasily V Belov

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

438
citations

933447

10
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	[18F]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
2	Large-Volume Intrathecal Administrations: Impact on CSF Pressure and Safety Implications. <i>Frontiers in Neuroscience</i> , 2021, 15, 604197.	2.8	12
3	[18F]-Alfatide PET imaging of integrin $\alpha_3\beta_3$ for the non-invasive quantification of liver fibrosis. <i>Journal of Hepatology</i> , 2020, 73, 161-169.	3.7	17
4	Solute Transport in the Cerebrospinal Fluid: Physiology and Practical Implications. , 2019, , 251-274.		4
5	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
6	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
7	The Configuration of the Perivascular System Transporting Macromolecules in the CNS. <i>Frontiers in Neuroscience</i> , 2019, 13, 511.	2.8	8
8	Awake animal functional imaging to investigate the effects of general anesthesia on brain. , 2018, , .		1
9	Functional Imaging of Wound Metabolism. <i>Frontiers in Nanobiomedical Research</i> , 2017, , 201-230.	0.1	1
10	Large Volume Intrathecal Bolus: CSF Pressure and Implications for Safety. <i>FASEB Journal</i> , 2017, 31, 1b585.	0.5	2
11	Practical Radiosynthesis and Preclinical Neuroimaging of [11C]isradipine, a Calcium Channel Antagonist. <i>Molecules</i> , 2015, 20, 9550-9559.	3.8	2
12	Skin Rejuvenation with Non-Invasive Pulsed Electric Fields. <i>Scientific Reports</i> , 2015, 5, 10187.	3.3	45
13	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
14	Functioning Similarity of Physicochemical Regulatory System of the Lipid Peroxidation on the Membrane and Organ Levels. , 2013, , 265-274.		0
15	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
16	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
17	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
18	Dose dependences of lipid microviscosity of biological membranes induced by synthetic antioxidant potassium phenosan salt. <i>Doklady Biochemistry and Biophysics</i> , 2012, 443, 100-104.	0.9	6

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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	Modification of the structure of plasmatic membranes of the liver by the action of $\hat{\alpha}$ -tocopherol in vitro. <i>Biophysics (Russian Federation)</i> , 2011, 56, 323-330.	0.7	7
21	Effect of $\hat{\alpha}$ -tocopherol concentrations on the self-organization, physicochemical properties of solutions, and the structure of biological membranes. <i>Doklady Physical Chemistry</i> , 2011, 438, 109-113.	0.9	22
22	IR spectroscopy of thin water layers and the mechanism of action $\hat{\alpha}$ -tocopherol in ultra low concentrations. <i>Doklady Physical Chemistry</i> , 2011, 439, 123-126.	0.9	6
23	The changes of lipid microviscosity and rigidity in the different regions of microsomal membranes as affected oxazoles in vitro. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S19.	3.2	0
24	The role of solvent polarity in the mechanism of action of biologically active compounds at ultralow concentrations. <i>Doklady Biochemistry and Biophysics</i> , 2004, 399, 362-364.	0.9	5