

Maksim Y Khotimchenko

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

540
citations

623734

14
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642732

23
g-index

34
all docs

34
docs citations

34
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor potential of carrageenans from marine red algae. <i>Carbohydrate Polymers</i> , 2020, 246, 116568.	10.2	81
2	Equilibrium studies of sorption of lead(II) ions by different pectin compounds. <i>Journal of Hazardous Materials</i> , 2007, 149, 693-699.	12.4	62
3	Zinc-binding activity of different pectin compounds in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 216-222.	9.4	47
4	Cerium Binding Activity of Pectins Isolated from the Seagrasses <i>Zostera marina</i> and <i>Phyllospadix iwatensis</i> . <i>Marine Drugs</i> , 2012, 10, 834-848.	4.6	32
5	Carrageenans as a New Source of Drugs with Metal Binding Properties. <i>Marine Drugs</i> , 2010, 8, 1106-1121.	4.6	31
6	Removal of the metal ions from aqueous solutions by nanoscaled low molecular pectin isolated from seagrass <i>Phyllospadix iwatensis</i> . <i>Science of the Total Environment</i> , 2016, 565, 913-921.	8.0	30
7	Comparative equilibrium studies of sorption of Pb(II) ions by sodium and calcium alginate. <i>Journal of Environmental Sciences</i> , 2008, 20, 827-831.	6.1	27
8	Lead Absorption and Excretion in Rats Given Insoluble Salts of Pectin and Alginate. <i>International Journal of Toxicology</i> , 2006, 25, 195-203.	1.2	23
9	Low esterified pectin accelerates removal of lead ions in rats. <i>Nutrition Research</i> , 2007, 27, 633-639.	2.9	19
10	Cerium binding activity of different pectin compounds in aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 77, 104-110.	5.0	19
11	The effects of low-esterified pectin on lead-induced thyroid injury in rats. <i>Environmental Toxicology and Pharmacology</i> , 2004, 17, 67-71.	4.0	17
12	Lead-binding capacity of calcium pectates with different molecular weight. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 526-535.	7.5	17
13	Accelerated Repurposing and Drug Development of Pulmonary Hypertension Therapies for COVID-19 Treatment Using an AI-Integrated Biosimulation Platform. <i>Molecules</i> , 2021, 26, 1912.	3.8	15
14	Effects of Magnesium, Calcium, and Aluminum Chelation on Fluoroquinolone Absorption Rate and Bioavailability: A Computational Study. <i>Pharmaceutics</i> , 2021, 13, 594.	4.5	15
15	Healing and Preventive Effects of Calcium Alginate on Carbon Tetrachloride Induced Liver Injury in Rats. <i>Marine Drugs</i> , 2004, 2, 108-122.	4.6	14
16	Alkaloids of fascaplysin are effective conventional chemotherapeutic drugs, inhibiting the proliferation of C6 glioma cells and causing their death in vitro. <i>Oncology Letters</i> , 2017, 13, 738-746.	1.8	14
17	Purification and characterization of fucose-containing sulphated polysaccharides from <i>Sargassum tenerrimum</i> and their biological activity. <i>Journal of Applied Phycology</i> , 2019, 31, 3101-3113.	2.8	12
18	Hirsutanol A Attenuates Lipopolysaccharide-Mediated Matrix Metalloproteinase 9 Expression and Cytokines Production and Improves Endotoxemia-Induced Acute Sickness Behavior and Acute Lung Injury. <i>Marine Drugs</i> , 2019, 17, 360.	4.6	11

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19	A hybrid modeling approach for assessing mechanistic models of small molecule partitioning in vivo using a machine learning-integrated modeling platform. <i>Scientific Reports</i> , 2021, 11, 11143.	3.3	10
20	Gastroprotective effect of nonstarch polysaccharide calcium pectate under experimental conditions. <i>Bulletin of Experimental Biology and Medicine</i> , 2008, 145, 731-734.	0.8	7
21	In Silico Simulation of the Systemic Drug Exposure Following the Topical Application of Opioid Analgesics in Patients with Cutaneous Lesions. <i>Pharmaceutics</i> , 2021, 13, 284.	4.5	6
22	Strontium sorption by pectins isolated from the Sea grasses <i>Zostera marina</i> and <i>Phyllospadix iwatensis</i> . <i>Russian Journal of Marine Biology</i> , 2012, 38, 346-350.	0.6	5
23	The mercury binding activity of pectin isolated from the seagrass <i>Zostera marina</i> . <i>Russian Journal of Marine Biology</i> , 2006, 32, 312-315.	0.6	4
24	Gastroprotective effect of natural non-starch polysaccharides. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 142, 454-457.	0.8	4
25	Effectiveness of pectin extracted from the eelgrass <i>Zostera marina</i> for alleviating lead-induced liver injury. <i>Russian Journal of Marine Biology</i> , 2007, 33, 204-206.	0.6	4
26	Efficiency of low-esterified pectin in toxic damage to the liver inflicted by lead treatment. <i>Bulletin of Experimental Biology and Medicine</i> , 2007, 144, 60-62.	0.8	3
27	Bioactive Compounds with Antiglioma Activity from Marine Species. <i>Biomedicines</i> , 2021, 9, 886.	3.2	3
28	Lipid-lowering activity of low-esterified pectins in experimental ethanol-induced liver injury. <i>Russian Journal of Marine Biology</i> , 2009, 35, 351-354.	0.6	2
29	Comparative Evaluation of the Efficiency of Various Alginate Forms under Conditions of an Oncological Experiment. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 152, 231-235.	0.8	2
30	Antitumor activity of sulfated polysaccharides of <i>Chondrus armatus</i> alga of the Sea of Japan. <i>Siberian Medical Review</i> , 2020, , 78-85.	0.2	2
31	Non-starch polysaccharides as correctors in cytostatic therapy of experimental tumors. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 142, 351-355.	0.8	1
32	Comparative Lead-removing Activity of the Non-starch Polysaccharides. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2013, 13, 647-656.	0.0	1
33	Calcium alginate accelerates elimination of environmental lead in preschool children. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 1265-1275.	1.2	0