

Evgenii V Plotnikov

List of Publications by Year in descending order

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57
papers

354
citations

1040056

9
h-index

940533

16
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61
all docs

61
docs citations

61
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of OH•—Radicals in Human Serum Blood of Healthy Individuals and Those with Pathological Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2011, 12, 401-409.	4.1	45
2	Preparation and Investigation of Silver Nanoparticle—Antibody Bioconjugates for Electrochemical Immunoassay of Tick-Borne Encephalitis. <i>Sensors</i> , 2019, 19, 2103.	3.8	27
3	Bacteriostatic Effect of Piezoelectric Poly-3-Hydroxybutyrate and Polyvinylidene Fluoride Polymer Films under Ultrasound Treatment. <i>Polymers</i> , 2020, 12, 240.	4.5	22
4	Comparative investigation of antioxidant activity of human serum blood by amperometric, voltammetric and chemiluminescent methods. <i>Archives of Medical Science</i> , 2016, 5, 1071-1076.	0.9	21
5	Flexible and water-stable graphene-based electrodes for long-term use in bioelectronics. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112426.	10.1	19
6	Antioxidant and electrochemical properties of calcium and lithium ascorbates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 1149-1154.	2.8	17
7	Calculation of atmospheric ionization induced by electrons with non-vertical precipitation: Updated model CRAC-EPII. <i>Advances in Space Research</i> , 2017, 59, 2295-2300.	2.6	16
8	Antioxidant and Immunotropic Properties of some Lithium Salts. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 086-089.	1.0	13
9	Characterization and Determination of the Biocompatibility of Porous Polytetrafluoroethylene Membranes Fabricated via Electrospinning. <i>Journal of Fluorine Chemistry</i> , 2021, 246, 109798.	1.7	11
10	Protective Effects of Pyruvic Acid Salt Against Lithium Toxicity and Oxidative Damage in Human Blood Mononuclear Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 302-306.	1.4	11
11	Surface modification of carbon dots with tetraalkylammonium moieties for fine tuning their antibacterial activity. <i>Materials Science and Engineering C</i> , 2022, 134, 112697.	7.3	10
12	Study of Total Antioxidant Activity of Human Serum Blood in the Pathology of Alcoholism. <i>Molecules</i> , 2013, 18, 1811-1818.	3.8	9
13	Investigation of Genotoxicity of Gold Nanoparticles Prepared by the Electric Spark Dispersion Method. <i>Advanced Materials Research</i> , 2014, 1040, 65-69.	0.3	8
14	Investigation of DNA-damage and Chromosomal Aberrations in Blood Cells under the Influence of New Silver-based Antiviral Complex. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 71-74.	1.4	8
15	Metabolite Profile and Antioxidant Activity of Some Species of Genus <i>Scutellaria</i> Growing in Bulgaria. <i>Plants</i> , 2021, 10, 45.	3.5	8
16	Increased mycelial biomass production by <i>Lentinula edodes</i> intermittently illuminated by green light emitting diodes. <i>Biotechnology Letters</i> , 2014, 36, 2283-2289.	2.2	7
17	Lithium salts of Krebs cycle substrates as potential normothymic antioxidant agents. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2018, 10, 240.	0.6	7
18	Water Purification with Natural Sorbents: Effect of Surface Modification with Nano-structured Particles. <i>Procedia Chemistry</i> , 2015, 15, 219-224.	0.7	6

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19	DLC-Coated Ferroelectric Membranes as Vascular Patches: Physico-Chemical Properties and Biocompatibility. <i>Membranes</i> , 2021, 11, 690.	3.0	6
20	Functionalization of additive-manufactured Ti6Al4V scaffolds with poly(allylamine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (hydroc Materials Chemistry and Physics, 2021, 273, 125099.	4.0	6
21	Composite Ferroelectric Membranes Based on Vinylidene Fluoride-Tetrafluoroethylene Copolymer and Polyvinylpyrrolidone for Wound Healing. <i>Membranes</i> , 2021, 11, 21.	3.0	6
22	Electrochemical oxidability of antioxidants: Synergism and antagonism in mixes. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2018, 10, 60.	0.6	5
23	Prognostic model for bacterial drug resistance genes horizontal spread in space-crews. <i>Acta Astronautica</i> , 2022, 190, 388-394.	3.2	5
24	Properties of Silver Nanoparticles Prepared by the Electric Spark Dispersion Method. <i>Advanced Materials Research</i> , 2013, 872, 74-78.	0.3	4
25	Study of the Hydrocarbon-oxidizing Activity of Bacteria of the Genera <i>Pseudomonas</i> and <i>Rhodococcus</i> . <i>Procedia Chemistry</i> , 2015, 15, 90-96.	0.7	4
26	Characterization of a Novel Dioxomolybdenum Complex by Cyclic Voltammetry. <i>Analytical Letters</i> , 2015, 48, 2369-2379.	1.8	4
27	Studying glauconite of the bakchar deposit (Western Siberia) as a prospective sorbent for heavy metals. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1359-1365.	1.7	4
28	Application of ural glauconite for groundwater deironing and demanganation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 861-866.	1.7	4
29	Antioxidant Properties of New Phenothiazine Derivatives. <i>Antioxidants</i> , 2022, 11, 1371.	5.1	4
30	Modification of natural sorbent for providing it with bactericidal and bacteriostatic properties. <i>MATEC Web of Conferences</i> , 2016, 85, 01030.	0.2	3
31	New Synthetic Method and Antioxidant Activity of Betulin Diformate and Allobetulin Formate. <i>Chemistry of Natural Compounds</i> , 2019, 55, 1094-1097.	0.8	3
32	In vitro effects of a novel silver-based complex on influenza virus. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2018, 9, 186.	0.4	3
33	SYNTHESIS AND ANTIOXIDANT EVALUATION OF SOME NEW ALLOBETULIN ESTERS. <i>Rasayan Journal of Chemistry</i> , 2019, 12, 1032-1037.	0.4	3
34	Synthesis, structure, and antioxidant activity of anabasinium O,O-dimethylthiophosphate. <i>Russian Journal of General Chemistry</i> , 2016, 86, 1765-1768.	0.8	2
35	Synthesis and antioxidant activity of some new thioglycoluril derivatives. <i>Journal of Sulfur Chemistry</i> , 2019, 40, 389-399.	2.0	2
36	P.459 Cytoprotective and antioxidant properties of lithium organic salts in peripheral blood mononuclear cells of patients with depressive disorders. <i>European Neuropsychopharmacology</i> , 2019, 29, S325.	0.7	2

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37	Analysis of alcohol dependence in indigenous peoples in Northern Siberia.. Archives of Psychiatry and Psychotherapy, 2015, 17, 14-20.	0.3	2
38	Effect of Tree Species on Enzyme Secretion by the Shiitake Medicinal Mushroom, <i>Lentinus edodes</i> (Agaricomycetes). International Journal of Medicinal Mushrooms, 2016, 18, 637-644.	1.5	2
39	Antibacterial Action of Mixed-ligand Imidazole - Phenanthroline Copper Complex. Anti-Infective Agents, 2018, 16, 100-103.	0.4	2
40	Comparative Study of Genotoxicity of Silver and Gold Nanoparticles Prepared by the Electric Spark Dispersion Method. Journal of Applied Pharmaceutical Science, 0, , .	1.0	2
41	Voltammetric Study of the Total Activity of Antioxidants in the Blood Serum of Patients with Neurological Diseases. Chemosensors, 2021, 9, 103.	3.6	1
42	Performance evaluation and intensification of novel buoyant filter bioreactor with associated secondary treatment process for rice processing industries. Chemical Engineering and Processing: Process Intensification, 2021, 169, 108619.	3.6	1
43	Investigation of Antiplastic and Antibacterial Properties of Binuclear Platinum (II)-Interferon Conjugate. Current Bioactive Compounds, 2022, 18, .	0.5	1
44	Influence of Lithium Salt on <i>Escherichia coli</i> Growth and Viability. Industrial Biotechnology, 2022, 18, 32-37.	0.8	1
45	Alkylverdazyls as a Source of Alkyl Radicals for Light-Triggered Cancer Cell Death. Molecular Pharmaceutics, 2022, 19, 354-357.	4.6	1
46	The Study of Redox Electrode Processes of Sulfur-Containing Compounds by Voltammetry. Procedia Chemistry, 2015, 15, 148-153.	0.7	0
47	Application of Combined Sorbent For Process of Water Purification From Microbial Contamination. MATEC Web of Conferences, 2016, 85, 01015.	0.2	0
48	Thermodynamic and relativistic uncertainty relations. Journal of Physics: Conference Series, 2017, 798, 012098.	0.4	0
49	Protection of proteins and lipids of blood plasma by different lithium salts under ethanol-induced oxidative damage. European Psychiatry, 2017, 41, S758-S759.	0.2	0
50	The Protective Action of Carnosine and Organic Lithium Salts against Ethanol-Induced Oxidative Damage of Blood Plasma Proteins and Lipids of Healthy Persons and Alcoholic Patients. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2019, 13, 162-166.	0.4	0
51	Immunostimulating Activity of Gold-modified Nanodiamond Particles. Anti-Infective Agents, 2020, 18, 54-58.	0.4	0
52	Human Locomotion Strategies Under Changed Bodyweight Support. Aerospace Medicine and Human Performance, 2021, 92, 4-10.	0.4	0
53	Estimation of the effect of lithium salts on cytokine production by blood cells in in vitro experiments. Bulletin of Siberian Medicine, 2021, 20, 21-28.	0.3	0
54	Voltammetric Method for Determination of Glutathione on a Gold-Carbon-Containing Electrode. Inorganic Materials, 2020, 56, 1362-1368.	0.8	0

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55	Antibacterial and Phagocytic Properties of a Novel Silver-Interferon Complex. <i>Anti-Infective Agents</i> , 2022, 20, .	0.4	0
56	Cytotoxic Effects of Homeopathic Preparations on Human Tumor Cells in vitro. <i>Current Bioactive Compounds</i> , 2022, 18, .	0.5	0