

Liudmyla I Ostapchenko

List of Publications by Year in descending order

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53
papers

876
citations

471509

17
h-index

526287

27
g-index

53
all docs

53
docs citations

53
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	The long-term consequences of antibiotic therapy: Role of colonic short-chain fatty acids (SCFA) system and intestinal barrier integrity. <i>PLoS ONE</i> , 2019, 14, e0220642.	2.5	70
2	Direct Photocontrol of Peptidomimetics: An Alternative to Oxygen-Dependent Photodynamic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5493-5496.	13.8	62
3	Hepatoprotective effect of orally applied water-soluble pristine C ₆₀ fullerene against CCl ₄ -induced acute liver injury in rats. <i>RSC Advances</i> , 2016, 6, 100046-100055.	3.6	49
4	Probiotics and nutraceuticals as a new frontier in obesity prevention and management. <i>Diabetes Research and Clinical Practice</i> , 2018, 141, 190-199.	2.8	49
5	Role of Dopamine and D2 Dopamine Receptor in the Pathogenesis of Inflammatory Bowel Disease. <i>Digestive Diseases and Sciences</i> , 2015, 60, 2963-2975.	2.3	45
6	Structure-Activity Relationships of Photoswitchable Diarylethene-Based β -Hairpin Peptides as Membranolytic Antimicrobial and Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10793-10813.	6.4	41
7	Effect of C60 fullerene nanoparticles on the diet-induced obesity in rats. <i>International Journal of Obesity</i> , 2018, 42, 1987-1998.	3.4	33
8	New insights on strain-specific impacts of probiotics on insulin resistance: evidence from animal study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 289-296.	1.9	33
9	A comparative study of neurotoxic potential of synthesized polysaccharide-coated and native ferritin-based magnetic nanoparticles. <i>Croatian Medical Journal</i> , 2014, 55, 195-205.	0.7	31
10	Direct Photocontrol of Peptidomimetics: An Alternative to Oxygen-Dependent Photodynamic Cancer Therapy. <i>Angewandte Chemie</i> , 2016, 128, 5583-5586.	2.0	30
11	The influence of probiotic diet and chondroitin sulfate administration on Ptg2, Tgfb1 and Col2a1 expression in rat knee cartilage during monoiodoacetate-induced osteoarthritis. <i>Minerva Medica</i> , 2019, 110, 419-424.	0.9	30
12	Probiotic Composition and Chondroitin Sulfate Regulate TLR-2/4-Mediated NF- κ B Inflammatory Pathway and Cartilage Metabolism in Experimental Osteoarthritis. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1018-1032.	3.9	24
13	Efficacy of Fenugreek-based bionanocomposite on renal dysfunction and endogenous intoxication in high-calorie diet-induced obesity rat model- comparative study. <i>EPMA Journal</i> , 2017, 8, 377-390.	6.1	21
14	Effects of polyphenol compounds melanin on NAFLD/NASH prevention. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 267-276.	5.6	20
15	Evaluation of the Biocompatibility of Water-Soluble Pristine C_{60} Fullerenes in Rabbit. <i>BioNanoScience</i> , 2020, 10, 721-730.	3.5	19
16	Combined effects of probiotic and chondroprotector during osteoarthritis in rats. <i>Panminerva Medica</i> , 2020, 62, 93-101.	0.8	19
17	The proton gradient of secretory granules and glutamate transport in blood platelets during cholesterol depletion of the plasma membrane by methyl- β -cyclodextrin. <i>Neurochemistry International</i> , 2011, 59, 965-975.	3.8	18
18	Enzyme electrophoresis method in analysis of active components of haemostasis system. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2011, 02, 20-26.	0.7	18

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19	Sex-based differences in phagocyte metabolic profile in rats with monosodium glutamate-induced obesity. <i>Scientific Reports</i> , 2018, 8, 5419.	3.3	16
20	Crosstalk between gut microbiota and osteoarthritis: A critical view. <i>Journal of Functional Foods</i> , 2020, 68, 103904.	3.4	16
21	Peptide drugs for photopharmacology: how much of a safety advantage can be gained by photocontrol?. <i>Future Drug Discovery</i> , 2020, 2, .	2.1	16
22	Manipulation of isolated brain nerve terminals by an external magnetic field using D-mannose-coated Fe_3O_4 nano-sized particles and assessment of their effects on glutamate transport. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 778-788.	2.8	15
23	Effect of Chondroitin Sulfate on Blood Serum Cytokine Profile during Carrageenan-induced Edema and Monoiodoacetate-induced Osteoarthritis in Rats. <i>Reviews on Recent Clinical Trials</i> , 2019, 14, 50-55.	0.8	15
24	Expression of <i>Ptgs2</i> and <i>Tgfb1</i> Genes in Rat Cartilage Cells of the Knee under Conditions of Osteoarthritis. <i>Cytology and Genetics</i> , 2018, 52, 192-197.	0.5	14
25	The frequency of BRCA1 founder mutation c.5266dupC (5382insC) in breast cancer patients from Ukraine. <i>Hereditary Cancer in Clinical Practice</i> , 2015, 13, 19.	1.5	13
26	Nanocrystalline cerium dioxide efficacy for prophylaxis of erosive and ulcerative lesions in the gastric mucosa of rats induced by stress. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1383-1392.	5.6	13
27	P62 plasmid can alleviate diet-induced obesity and metabolic dysfunctions. <i>Oncotarget</i> , 2017, 8, 56030-56040.	1.8	13
28	Effect of probiotic composition on oxidative/antioxidant balance in blood of rats under experimental osteoarthritis. <i>Ukrainian Biochemical Journal</i> , 2019, 91, 49-58.	0.5	13
29	<i>Pseudonadsoniella brunnea</i> (Meripilaceae, Agaricomycotina), a new brown yeast-like fungus producing melanin from the Antarctic; with notes on nomenclature and type confusion of <i>Nadsoniella nigra</i> . <i>Acta Botanica Hungarica</i> , 2015, 57, 291-320.	0.3	12
30	Red and near infrared light-stimulated angiogenesis mediated via Ca^{2+} influx, VEGF production and NO synthesis in endothelial cells in macrophage or malignant environments. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 227, 112388.	3.8	11
31	Expression of <i>Nos2</i> and <i>Acan</i> Genes in Rat Knee Articular Cartilage in Osteoarthritis. <i>Cytology and Genetics</i> , 2019, 53, 481-488.	0.5	10
32	Prevention of diet-induced obesity in rats by oral application of collagen fragments. <i>Archives of Biological Sciences</i> , 2018, 70, 77-86.	0.5	10
33	Extraction and Characterization of Collagen Obtained from Collagen-Containing Wastes of the Leather Industry. <i>Solid State Phenomena</i> , 0, 267, 172-176.	0.3	9
34	Prevalence of two BRCA1 mutations, 5382insC and 300T>––G, in ovarian cancer patients from Ukraine. <i>Familial Cancer</i> , 2017, 16, 471-476.	1.9	7
35	Formation of multicellular aggregates under different conditions of microenvironment. <i>Cytology and Genetics</i> , 2010, 44, 19-22.	0.5	6
36	Allele frequencies for 15 STR loci in the Ukrainian population. <i>Forensic Science International: Genetics</i> , 2017, 29, e40-e41.	3.1	6

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37	Placenta-derived multipotent cells have no effect on the size and number of DMH-induced colon tumors in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2135-2147.	1.8	6
38	High-Calorie Diet as a Factor of Prediabetes Development in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 639-641.	0.8	5
39	Hypoglycemic activity of <i>Phaseolus vulgaris</i> (L.) aqueous extract in type 1 diabetic rats. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2019, 32, 210-218.	0.4	5
40	The interferon production and 2',5'-oligoadenylate-synthetase activity in rat spleen lymphocytes at hypoacidity evoked by omeprazole injection and at administration of multiprobiotic "SYMBITER". <i>Current Issues in Pharmacy and Medical Sciences</i> , 2013, 26, 398-400.	0.4	4
41	Simulation of Peroxiredoxin II and Brain-type Creatine Kinase protein-protein interaction using the on-line docking server ClusPro 2.0. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 011-016.	1.0	4
42	Tlr2, Tjp1 genes expression during wound healing dynamics with melanin treatment. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2017, 30, 81-85.	0.4	4
43	Effect of Cytokinin-Containing Extracts from Some Medicinal Mushroom Mycelia on HepG2 Cells In Vitro. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 15-28.	1.5	3
44	The combination of chondroitin sulfate and probiotic prevents oxidative stress in the serum of rats with experimental osteoarthritis. <i>Minerva Biotechnology and Biomolecular Research</i> , 2021, 33, .	0.5	3
45	Effects of IgG from the serum of ischemic stroke patients on hemostasis. <i>Journal of Biological Research (Italy)</i> , 2021, 94, .	0.1	3
46	Effect of <i>Trigonella Foenum-Graecum</i> seed powder on anthropometrical and nutritional parameter. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 095-100.	1.0	3
47	Growth kinetics of 2- and 3-D cell models as influenced by the microenvironment. <i>Cytology and Genetics</i> , 2009, 43, 305-310.	0.5	2
48	Elevated levels of proinflammatory and anti-inflammatory cytokines in patients with bladder cancer depending on a tumor stage. <i>Journal of Biological Research (Italy)</i> , 2020, 93, .	0.1	2
49	Disturbances of extracellular protein metabolism in cerulein-induced pancreatitis. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2020, 33, 121-124.	0.4	2
50	The evaluation of lipid peroxidation and oxidative modification of proteins in blood serum under obesity development and the consumption of aqueous kidney beans <i>Phaseolus vulgaris</i> pods extract. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2020, 33, 38-44.	0.4	2
51	Proteolytic parameter changes in the plasma of patients with bladder cancer depending on tumor stage. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2020, 33, 67-71.	0.4	1
52	The effect of melanin on the proteolytic potential of blood under alkali esophageal burn. <i>Journal of Biological Research (Italy)</i> , 2020, 93, .	0.1	0
53	Influence of the complex drug Cocarnit on the sciatic nerve in the development of diabetic polyneuropathy in rats. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2020, 33, 113-120.	0.4	0