

Adam Szelag

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67 papers	831 citations	15 h-index	26 g-index
76 ext. papers	1,034 ext. citations	4 avg, IF	4.06 L-index

#	Paper	IF	Citations
67	Cornelian cherry (<i>Cornus mas</i> L.) extract reduces cardiovascular risk and prevents bone loss in ovariectomized Wistar rats. <i>Journal of Functional Foods</i> , 2022 , 90, 104974	5.1	3
66	MIC-1 Antlerogenic Stem Cells Homogenate from <i>Cervus elaphus</i> Accelerate Corneal Burn Reepithelization in Rabbits. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2468	2.6	
65	Sanguinarine-Chelerythrine Fraction of Exerts Anti-inflammatory Activity in Carrageenan Paw Oedema Test in Rats and Reveals Reduced Gastrotoxicity.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1504929	6.7	0
64	Effect of amyloid- β on the redox system activity in SH-SY5Y cells preincubated with lipopolysaccharide or co-cultured with microglia cells.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112880	7.5	0
63	Influence of 40 Hz and 100 Hz Vibration on SH-SY5Y Cells Growth and Differentiation—Preliminary Study. <i>Molecules</i> , 2022 , 27, 3337	4.8	
62	Novel 1,3,4-Oxadiazole Derivatives of Pyrrolo[3,4-]Pyridazinone Exert Anti-Inflammatory Activity without Acute Gastrotoxicity in the Carrageenan-Induced Rat Paw Edema Test. <i>Journal of Inflammation Research</i> , 2021 , 14, 5739-5756	4.8	4
61	Cornelian Cherry (L.) Iridoid and Anthocyanin Extract Enhances PPAR- α Expression and Reduces I/M Ratio in Aorta, Increases LXR- β Expression and Alters Adipokines and Triglycerides Levels in Cholesterol-Rich Diet Rabbit Model. <i>Nutrients</i> , 2021 , 13,	6.7	6
60	Long-term stiripentol administration, an anticonvulsant drug, does not impair sperm parameters in rats. <i>Andrologia</i> , 2021 , 53, e14058	2.4	1
59	Nanohydroxyapatite as a Biomaterial for Peripheral Nerve Regeneration after Mechanical Damage-In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
58	The Incidence and Severity of Post-Vaccination Reactions after Vaccination against COVID-19. <i>Vaccines</i> , 2021 , 9,	5.3	22
57	The Impact of Anthocyanins and Iridoids on Transcription Factors Crucial for Lipid and Cholesterol Homeostasis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
56	Metastasis of adrenocortical carcinoma to the heart. <i>Endokrynologia Polska</i> , 2021 , 72, 290-291	1.1	
55	Long-Term Administration of Abacavir and Etravirine Impairs Semen Quality and Alters Redox System and Bone Metabolism in Growing Male Wistar Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 5596090	6.7	2
54	Antiepileptic Stiripentol May Influence Bones. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
53	Effect of pyrrolo[3,4-d]pyridazinone derivatives in neuroinflammation induced by preincubation with lipopolysaccharide or coculturing with microglia-like cells. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111878	7.5	0
52	Patients' Habits and the Role of Pharmacists and Telemedicine as Elements of a Modern Health Care System during the COVID-19 Pandemic. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
51	Prenylflavonoids counteract ovariectomy-induced disturbances in rats. <i>Journal of Functional Foods</i> , 2021 , 86, 104742	5.1	

50	Novel 1,3,4-Oxadiazole Derivatives of Pyrrolo[3,4-]pyridazinone Exert Antinociceptive Activity in the Tail-Flick and Formalin Test in Rodents and Reveal Reduced Gastrototoxicity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
49	Cornelian Cherry Iridoid-Polyphenolic Extract Improves Mucosal Epithelial Barrier Integrity in Rat Experimental Colitis and Exerts Antimicrobial and Antiadhesive Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7697851	6.7	7
48	Pharmacokinetics of xanthohumol in rats of both sexes after oral and intravenous administration of pure xanthohumol and prenylflavonoid extract. <i>Advances in Clinical and Experimental Medicine</i> , 2020 , 29, 1101-1109	1.8	5
47	Effects of efavirenz and tenofovir on bone tissue in Wistar rats. <i>Advances in Clinical and Experimental Medicine</i> , 2020 , 29, 1265-1275	1.8	2
46	Cornelian cherry extract ameliorates osteoporosis associated with hypercholesterolemia in New Zealand rabbits. <i>Advances in Clinical and Experimental Medicine</i> , 2020 , 29, 1389-1397	1.8	7
45	NON-ANTIBIOTIC USE OF ANTIBIOTICS. <i>Postepy Mikrobiologii</i> , 2019 , 57, 301-312	0.4	2
44	Long-term administration of fenspiride has no negative impact on bone mineral density and bone turnover in young growing rats. <i>Advances in Clinical and Experimental Medicine</i> , 2019 , 28, 771-776	1.8	
43	The Effect of Sertraline on Hemodynamic Parameters and Nitric Oxide Production in Isolated Rat Hearts Subjected to Ischemia and Reperfusion. <i>Journal of Experimental Pharmacology</i> , 2019 , 11, 149-158 ³		1
42	Sitagliptin-Dependent Differences in the Intensity of Oxidative Stress in Rat Livers Subjected to Ischemia and Reperfusion. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2738605	6.7	5
41	The iridoid loganic acid and anthocyanins from the cornelian cherry (<i>Cornus mas</i> L.) fruit increase the plasma l-arginine/ADMA ratio and decrease levels of ADMA in rabbits fed a high-cholesterol diet. <i>Phytomedicine</i> , 2019 , 52, 1-11	6.5	15
40	Effect of long-term administration of mangiferin from <i>Belamcanda chinensis</i> on bone metabolism in ovariectomized rats. <i>Journal of Functional Foods</i> , 2018 , 46, 12-18	5.1	8
39	Effect of long-term administration of ranitidine, a histamine H2 receptor antagonist, on bone metabolism in young growing rats. <i>Pharmacological Reports</i> , 2018 , 70, 951-954	3.9	7
38	The impact of mangiferin from <i>Belamcanda chinensis</i> on experimental colitis in rats. <i>Inflammopharmacology</i> , 2018 , 26, 571-581	5.1	24
37	Carvedilol Inhibits Matrix Metalloproteinase-2 Activation in Experimental Autoimmune Myocarditis: Possibilities of Cardioprotective Application. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2018 , 23, 89-97	2.6	3
36	Age-related differences in function and structure of rat livers subjected to ischemia/reperfusion. <i>Archives of Medical Science</i> , 2018 , 14, 388-395	2.9	9
35	Loganic acid and anthocyanins from cornelian cherry (<i>Cornus mas</i> L.) fruits modulate diet-induced atherosclerosis and redox status in rabbits. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1505-1513 ¹⁴	1.8	
34	The impact of sitagliptin, inhibitor of dipeptidyl peptidase-4 (DPP-4), on the ADMA-DDAH-NO pathway in ischemic and reperfused rat livers. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1483-1490	1.8	3
33	Cornelian cherry consumption increases the l-arginine/ADMA ratio, lowers ADMA and SDMA levels in the plasma, and enhances the aorta glutathione level in rabbits fed a high-cholesterol diet. <i>Journal of Functional Foods</i> , 2017 , 34, 189-196	5.1	11

32	Oral administration of kaempferol inhibits bone loss in rat model of ovariectomy-induced osteopenia. <i>Pharmacological Reports</i> , 2017 , 69, 1113-1119	3.9	19
31	The influence of bexarotene, a selective agonist of the retinoid receptor X (RXR), and tazarotene, a selective agonist of the retinoid acid receptor (RAR), on bone metabolism in rats. <i>Advances in Medical Sciences</i> , 2016 , 61, 85-9	2.8	6
30	The Negative Impact of Selective Activation of Retinoic Acid Receptors on Bone Metabolism and Bone Mechanical Properties in Rats. <i>Advances in Clinical and Experimental Medicine</i> , 2016 , 25, 213-8	1.8	4
29	Effects of long-term administration of pantoprazole on bone mineral density in young male rats. <i>Pharmacological Reports</i> , 2016 , 68, 1060-4	3.9	12
28	Iridoid-loganic acid versus anthocyanins from the Cornus mas fruits (cornelian cherry): Common and different effects on diet-induced atherosclerosis, PPARs expression and inflammation. <i>Atherosclerosis</i> , 2016 , 254, 151-160	3.1	51
27	Impact of morin-5Vsulfonic acid sodium salt on cyclophosphamide-induced gastrointestinal toxicity in rats. <i>Pharmacological Reports</i> , 2015 , 67, 1259-63	3.9	10
26	Application of Cornelian Cherry Iridoid-Polyphenolic Fraction and Loganic Acid to Reduce Intraocular Pressure. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 939402	2.3	15
25	Overuse of proton pump inhibitors. <i>Polish Archives of Internal Medicine</i> , 2015 , 125, 289-98	1.9	11
24	The influence of new beta-adrenolytics nebivolol and carvedilol on intraocular pressure and iris blood flow in rabbits. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 917-23	3.8	9
23	Age-related changes in ADMA-DDAH-NO pathway in rat liver subjected to partial ischemia followed by global reperfusion. <i>Experimental Gerontology</i> , 2014 , 50, 45-51	4.5	7
22	Influence of ezetimibe on selected parameters of oxidative stress in rat liver subjected to ischemia/reperfusion. <i>Archives of Medical Science</i> , 2014 , 10, 817-24	2.9	19
21	The impact of morin, a natural flavonoid, on cyclophosphamide-induced changes in the oxidative stress parameters in rat livers. <i>Advances in Clinical and Experimental Medicine</i> , 2014 , 23, 505-9	1.8	8
20	Effect of cyclophosphamide and morin-5Vsulfonic acid sodium salt, alone or in combination, on ADMA/DDAH pathway in rats. <i>Pharmacological Reports</i> , 2013 , 65, 201-7	3.9	5
19	Influence of ezetimibe on ADMA-DDAH-NO pathway in rat liver subjected to partial ischemia followed by global reperfusion. <i>Pharmacological Reports</i> , 2013 , 65, 122-33	3.9	8
18	Treatment prospects of Helicobacter pylori infection. <i>Przegląd Gastroenterologiczny</i> , 2012 , 2, 70-77	6	1
17	Influence of commonly used clinical antidotes on antioxidant systems in human hepatocyte culture intoxicated with alpha-amanitin. <i>Human and Experimental Toxicology</i> , 2011 , 30, 38-43	3.4	27
16	Omeprazole does not change the oral bioavailability or pharmacokinetics of vinpocetine in rats. <i>Pharmacological Reports</i> , 2011 , 63, 1258-63	3.9	7
15	Benzylpenicillin and acetylcysteine protection from Amanitin-induced apoptosis in human hepatocyte cultures. <i>Experimental and Toxicologic Pathology</i> , 2011 , 63, 311-5		22

14	Effect of simvastatin treatment on rat livers subjected to ischemia/reperfusion. <i>Pharmacological Reports</i> , 2010 , 62, 757-62	3.9	9
13	Effect of simvastatin on nitric oxide synthases (eNOS, iNOS) and arginine and its derivatives (ADMA, SDMA) in ischemia/reperfusion injury in rat liver. <i>Pharmacological Reports</i> , 2010 , 62, 343-51	3.9	29
12	alpha-Amanitin induced apoptosis in primary cultured dog hepatocytes. <i>Folia Histochemica Et Cytobiologica</i> , 2010 , 48, 58-62	1.4	26
11	Influence of water-soluble flavonoids, quercetin-5Vsulfonic acid sodium salt and morin-5Vsulfonic acid sodium salt, on antioxidant parameters in the subacute cadmium intoxication mouse model. <i>Experimental and Toxicologic Pathology</i> , 2010 , 62, 105-8		16
10	Benzylpenicillin, acetylcysteine and silibinin as antidotes in human hepatocytes intoxicated with alpha-amanitin. <i>Experimental and Toxicologic Pathology</i> , 2010 , 62, 367-73		29
9	Early morphological and functional alterations in canine hepatocytes due to alpha-amanitin, a major toxin of <i>Amanita phalloides</i> . <i>Archives of Toxicology</i> , 2009 , 83, 55-60	5.8	20
8	Comparative antidotal efficacy of benzylpenicillin, ceftazidime and rifamycin in cultured human hepatocytes intoxicated with alpha-amanitin. <i>Archives of Toxicology</i> , 2009 , 83, 1091-6	5.8	16
7	Failure of benzylpenicillin, N-acetylcysteine and silibinin to reduce alpha-amanitin hepatotoxicity. <i>In Vivo</i> , 2009 , 23, 393-9	2.3	11
6	Isolated heart perfusion according to Langendorff---still viable in the new millennium. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007 , 55, 113-26	1.7	228
5	Effect of aging process on liver function in extracorporeal rat liver perfusion. <i>Hepato-Gastroenterology</i> , 2007 , 54, 1207-11		2
4	Assessment of efficacy of quercetin-5Vsulfonic acid sodium salt in the treatment of acute chromium poisoning: experimental studies. <i>Polish Journal of Pharmacology</i> , 2003 , 55, 1097-103		5
3	Homo- and hetero-nuclear chromium(III) complexes with natural ligands. Part 1. Spectroscopic and mass spectra studies on ternary [M□1□2] systems. <i>Transition Metal Chemistry</i> , 2002 , 27, 473-480	2.1	8
2	Homo- and hetero-nuclear chromium(III) complexes with natural ligands. Part 2. Oxo- and hydroxo-bridged chromium(III)/vanadium(V) species. <i>Transition Metal Chemistry</i> , 2002 , 27, 587-593	2.1	2
1	Synthetic models for the glucose tolerance factor: the spectroscopic characterization and toxicity studies of monomeric and dimeric Cr(III) species. <i>Polyhedron</i> , 1998 , 17, 3785-3794	2.7	14