Jacek Sapa

List of Publications by Citations

89 papers	1,055 citations	18 h-index	26 g-index
97 ext. papers	1,296 ext. citations	3.8 avg, IF	4.19 L-index

#	Paper	IF	Citations
89	Serotonin receptors in depression and anxiety: Insights from animal studies. *Life Sciences*, **2018**, 210, 106-124	6.8	82
88	The influence of the route of administration of gold nanoparticles on their tissue distribution and basic biochemical parameters: In vivo studies. *Pharmacological Reports*, **2015**, 67, 405-9	3.9	59
87	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. *Pharmacological Reports*, **2016**, 68, 263-74	3.9	53
86	Synthesis and evaluation of antidepressant-like activity of some 4-substituted 1-(2-methoxyphenyl)piperazine derivatives. *Chemical Biology and Drug Design*, **2015**, 85, 326-35	2.9	39
85	The role of glutamatergic, GABA-ergic, and cholinergic receptors in depression and antidepressant-like effect. *Pharmacological Reports*, **2016**, 68, 443-50	3.9	38
84	Aryl-1,3,5-triazine derivatives as histamine H4 receptor ligands. *European Journal of Medicinal Chemistry*, **2014**, 83, 534-46	6.8	38
83	Synthesis, antiarrhythmic, and antihypertensive effects of novel 1-substituted pyrrolidin-2-one and pyrrolidine derivatives with adrenolytic activity. *European Journal of Medicinal Chemistry*, **2002**, 37, 183-95	6.8	33
82	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT$_{1A}$ and 5-HT$_{7}$ Antagonists in Animal Models. *PLoS ONE*, **2015**, 10, e0142499	3.7	31
81	Synthesis and pharmacological evaluation of new 1-[3-(4-arylpiperazin-1-yl)-2-hydroxypropyl]-pyrrolidin-2-one derivatives with anti-arrhythmic, hypotensive, and alpha-adrenolytic activity. *Archiv Der Pharmazie*, **2007**, 340, 466-75	4.3	30
80	Alpha lipoic acid protects the heart against myocardial post ischemia-reperfusion arrhythmias via KATP channel activation in isolated rat hearts. *Pharmacological Reports*, **2014**, 66, 499-504	3.9	26
79	Antidepressant-like activity of a new piperazine derivative of xanthone in the forced swim test in mice: The involvement of serotonergic system. *Pharmacological Reports*, **2015**, 67, 160-5	3.9	24
78	(2-Arylethenyl)-1,3,5-triazin-2-amines as a novel histamine H4 receptor ligands. *European Journal of Medicinal Chemistry*, **2015**, 103, 238-51	6.8	21
77	Synthesis, structure and antiarrhythmic properties evaluation of new basic derivatives of 5,5-diphenylhydantoin. *European Journal of Medicinal Chemistry*, **2003**, 38, 555-66	6.8	21
76	Design, synthesis and pharmacological evaluation of new 1-[3-(4-arylpiperazin-1-yl)-2-hydroxy-propyl]-3,3-diphenylpyrrolidin-2-one derivatives with antiarrhythmic, antihypertensive, and alpha-adrenolytic activity. *European Journal of Medicinal Chemistry*, **2009**, 44, 3994-4003	6.8	20
75	The antidepressant-like activity of 6-methoxy-2-[4-(2-methoxyphenyl)piperazin-1-yl]-9H-xanthen-9-one involves serotonergic 5-HT(1A) and 5-HT(2A/C) receptors activation. *European Journal of Pharmacology*, **2015**, 764, 537-546	5.3	19
74	A Comparison of the Anorectic Effect and Safety of the Alpha2-Adrenoceptor Ligands Guanfacine and Yohimbine in Rats with Diet-Induced Obesity. *PLoS ONE*, **2015**, 10, e0141327	3.7	19
73	The Significance of Lactoperoxidase System in Oral Health: Application and Efficacy in Oral Hygiene Products. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	18

72	Synthesis and development of new 2-substituted 1-[3-(4-arylpiperazin-1-yl)propyl]-pyrrolidin-2-one derivatives with antiarrhythmic, hypotensive, and alpha-adrenolytic activity. *Il Farmaco*, **2005**, 60, 793-803		18
71	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. *Metabolic Brain Disease*, **2016**, 31, 1023-9	3.9	18
70	Synthesis, coordination properties and biological activity of vanadium complexes with hydrazone Schiff base ligands. *Polyhedron*, **2020**, 185, 114589	2.7	16
69	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. *Pharmacological Reports*, **2013**, 65, 1018-24	3.9	16
68	The role of melatonin, neurokinin, neurotrophic tyrosine kinase and glucocorticoid receptors in antidepressant-like effect. *Pharmacological Reports*, **2017**, 69, 546-554	3.9	15
67	Tissue distribution of gold nanoparticles after single intravenous administration in mice. *Pharmacological Reports*, **2013**, 65, 1033-8	3.9	15
66	Search for new antiarrhythmic and hypotensive compounds. Synthesis, antiarrhythmic, antihypertensive, and alpha-adrenoceptor blocking activity of novel 1-[(2-hydroxy-3-amino)]-propylpyrrolidin-2-one derivatives. *Archiv Der Pharmazie*, **1997**, 330, 225-31	4.3	15
65	Design, synthesis, anticonvulsant, and antiarrhythmic properties of novel N-Mannich base and amide derivatives of Ɛ-tetralinohydantoin. *Pharmacological Reports*, **2016**, 68, 886-93	3.9	14
64	Investigations on the synthesis and pharmacological properties of N-substituted derivatives of 4-alkoxy-6-methyl-1H-pyrrolo[3,4-c]pyridine-1,3(2H)-diones. *Il Farmaco*, **2005**, 60, 53-9		14
63	The antidepressant- and anxiolytic-like activities of new xanthone derivative with piperazine moiety in behavioral tests in mice. *Indian Journal of Pharmacology*, **2016**, 48, 286-91	2.5	14
62	In vivo anti-inflammatory activity of lipoic acid derivatives in mice. *Postepy Higieny I Medycyny Doswiadczalnej*, **2013**, 67, 331-8	0.3	13
61	HBK-7 - A new xanthone derivative and a 5-HT1A receptor antagonist with antidepressant-like properties. *Pharmacology Biochemistry and Behavior*, **2016**, 146-147, 35-43	3.9	13
60	Pyrrolidin-2-one derivatives may reduce body weight in rats with diet-induced obesity. *European Journal of Pharmacology*, **2016**, 776, 146-55	5.3	12
59	Antiparkinsonian effects of novel adenosine A(2A) receptor antagonists. *Archiv Der Pharmazie*, **2011**, 344, 20-7	4.3	12
58	The histamine H receptor inverse agonist pitolisant reduces body weight in obese mice. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2018**, 391, 875-881	3.4	12
57	HBK-17, a 5-HT Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates β-Arrestin Signaling. *Frontiers in Pharmacology*, **2018**, 9, 1146	5.6	11
56	Antiarrhythmic, hypotensive and α1-adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. *European Journal of Pharmacology*, **2014**, 735, 10-6	5.3	10
55	Antiarrhythmic and antioxidant activity of novel pyrrolidin-2-one derivatives with adrenolytic properties. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2011**, 383, 13-25	3.4	10

54	Synthesis and pharmacological evaluation of pyrrolidin-2-one derivatives as antiarrhythmic, antihypertensive and alpha-adrenolytic agents. *Pharmacological Reports*, **2010**, 62, 68-85	3.9	10
53	PSB 603 - a known selective adenosine A2B receptor antagonist - has anti-inflammatory activity in mice. *Biomedicine and Pharmacotherapy*, **2021**, 135, 111164	7.5	10
52	Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A receptors in mice. *Pharmacological Reports*, **2016**, 68, 1285-1292	3.9	9
51	KSK19 - Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. *Biochemical Pharmacology*, **2019**, 168, 193-203	6	9
50	Analgesic and anti-inflammatory activity of 7-substituted purine-2,6-diones. *Pharmacological Reports*, **2014**, 66, 996-1002	3.9	9
49	7-3-Chlorophenypiperazinylalkyl derivatives of 8-alkoxy-purine-2,6-dione as a serotonin receptor ligands with potential antidepressant activity. *Pharmacological Reports*, **2014**, 66, 505-10	3.9	9
48	Antidepressant-like activity of the phenylpiperazine pyrrolidin-2-one derivatives in mice. *Pharmacological Reports*, **2011**, 63, 71-8	3.9	9
47	Hypotensive effect of alpha-lipoic acid after a single administration in rats. *Anatolian Journal of Cardiology*, **2016**, 16, 306-9	0.8	9
46	Chemically Homogenous Compounds with Antagonistic Properties at All 1-Adrenoceptor Subtypes but not 1-Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. *Frontiers in Pharmacology*, **2016**, 7, 229	5.6	9
45	Anti-inflammatory, antioxidant, and antiparkinsonian effects of adenosine A receptor antagonists. *Pharmacology Biochemistry and Behavior*, **2015**, 132, 71-78	3.9	8
44	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. *Pharmacological Reports*, **2015**, 67, 1163-7	3.9	8
43	Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. *Pharmacological Reports*, **2014**, 66, 708-11	3.9	8
42	Ergotamine and nicergoline - facts and myths. *Pharmacological Reports*, **2015**, 67, 360-3	3.9	8
41	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with adrenolytic properties. *Pharmacological Reports*, **2015**, 67, 267-74	3.9	7
40	Synthesis and biological evaluation of N-arylpiperazine derivatives of 4,4-dimethylisoquinoline-1,3(2H,4H)-dione as potential antiplatelet agents. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 536-545	5.6	7
39	Antiarrhythmic activity of some xanthone derivatives with 1-adrenoceptor affinities in rats. *European Journal of Pharmacology*, **2014**, 738, 14-21	5.3	7
38	Adrenoceptor antagonistic and hypotensive properties of novel arylpiperazine derivatives of pyrrolidin-2-one. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 2104-11	3.4	6
37	Analgesic activity of new 8-methoxy-1,3-dimethyl-2,6-dioxo-purin-7-yl derivatives with carboxylic, ester or amide moieties. *Pharmacological Reports*, **2015**, 67, 9-16	3.9	6

36	The possible mechanism of hypotensive activity of some pyrrolidin-2-one derivatives with antagonist properties at alpha1-adrenoceptors. *European Journal of Pharmacology*, **2011**, 673, 40-8	5.3	6
35	Tridentate ONO ligands in vanadium(III-V) complexes - synthesis, characterization and biological activity. *Journal of Molecular Structure*, **2021**, 1224, 129205	3.4	6
34	Synthesis and Pharmacological Activity of a New Series of 1-(1H-Indol-4-yloxy)-3-(2-(2-methoxyphenoxy)ethylamino)propan-2-ol Analogs. *Archiv Der Pharmazie*, **2016**, 349, 211-23	4.3	5
33	Antiarrhythmic and hypotensive activities of 1-[2-hydroxy-3-(4-phenyl-1-piperazinyl)propyl]-pyrrolidin-2-one (MG-1(R,S)) and its enantiomers. *Pharmacological Reports*, **2011**, 63, 455-63	3.9	5
32	Anti-inflammatory activity of lipoic acid in mice peritonitis model. *Acta Poloniae Pharmaceutica*, **2013**, 70, 899-904	1.3	5
31	KD-64-A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist-Caffeine does not reduce diet-induced obesity in mice. *PLoS ONE*, **2020**, 15, e0229806	3.7	4
30	Synthesis and Analgesic Activity of 3,7-dimethylpurine-2,6-dion-1-yl Derivatives of Acetic and Butanoic Acid. *Letters in Drug Design and Discovery*, **2014**, 11, 1204-1213	0.8	4
29	Synthesis and properties of 4-alkoxy-2-[2-hydroxy-3-(4-o,m,p-halogenoaryl-1 -piperazinyl)propyl]-6-methyl-1H-pyrrolo-[3,4-c]pyridine-1,3(2H)-diones with analgesic and sedative activities. *Acta Poloniae Pharmaceutica*, **2006**, 63, 245-54	1.3	4
28	Antiarrhythmic and □Adrenoceptor Antagonistic Properties of Novel Arylpiperazine Derivatives of Pyrrolidin-2-one. *Archiv Der Pharmazie*, **2015**, 348, 861-7	4.3	3
27	Tridentate hydrazido-hydrazones vanadium complexes. Synthesis, properties and biological activity. *Science Technology and Innovation*, **2019**, 4, 9-20	0.3	3
26	Arylsulfonamide derivatives of (aryloxy)ethyl pyrrolidines and piperidines as □adrenergic receptor antagonist with uro-selective activity. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 5582-5591	3.4	3
25	Effects of GPR18 Ligands on Body Weight and Metabolic Parameters in a Female Rat Model of Excessive Eating. *Pharmaceuticals*, **2021**, 14,	5.2	3
24	Bioresearch of New 1-pyrrolo[3,4-c]pyridine-1,3(2)-diones. *Molecules*, **2020**, 25,	4.8	2
23	Synthesis and Analgesic Activity of Annelated Xanthine Derivatives in Experimental Models in Rodents. *Archiv Der Pharmazie*, **2015**, 348, 704-14	4.3	2
22	The nitric oxide/soluble cyclic guanylase/cyclic guanosine monophosphate pathway is involved in the cardiovascular effects of a novel □- and □adrenoceptor antagonist. *Pharmacology*, **2014**, 94, 287-95	2.3	2
21	Muscle relaxants--the current position in the treatment of spasticity in orthopedics. *Ortopedia Traumatologia Rehabilitacja*, **2015**, 17, 423-30	0.7	2
20	Characterization and antidiabetic activity of salicylhydrazone Schiff base vanadium(IV) and (V) complexes. *Transition Metal Chemistry*, **2021**, 46, 201-217	2.1	2
19	MH-76, a Novel Non-Quinazoline □Adrenoceptor Antagonist, but Not Prazosin Reduces Inflammation and Improves Insulin Signaling in Adipose Tissue of Fructose-Fed Rats. *Pharmaceuticals*, **2021**, 14,	5.2	2

18	Design, Sustainable Synthesis and Biological Evaluation of a Novel Dual 2A/5-HT7 Receptor Antagonist with Antidepressant-Like Properties. *Molecules*, **2021**, 26,	4.8	2
17	Ligand role on insulin-mimetic properties of vanadium complexes. Structural and biological studies. *Inorganica Chimica Acta*, **2021**, 516, 120135	2.7	2
16	Correlation of Paraoxonase-1 with the Severity of Crohn Disease. *Molecules*, **2018**, 23,	4.8	2
15	Synthesis and Pharmacological Evaluation of Novel Silodosin-Based Arylsulfonamide Derivatives as Adrenergic Receptor Antagonist with Potential Uroselective Profile. *Molecules*, **2018**, 23,	4.8	2
14	Synthesis and pharmacological evaluation of new 1-[3-(4-phenylpiperazin-1-yl)-propyl]- and 1-[3-(4-phenylpiperidine)-propyl]- 3-aryl-3-alkyl-pyrrolidin-2-one derivatives with antiarrhythmic and antihypertensive activity. *Acta Poloniae Pharmaceutica*, **2009**, 66, 649-62	1.3	2
13	Pitolisant protects mice chronically treated with corticosterone from some behavioral but not metabolic changes in corticosterone-induced depression model. *Pharmacology Biochemistry and Behavior*, **2020**, 196, 172974	3.9	1
12	KD-64 a new selective A2Aadenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist caffeine does not reduce diet-induced obesity in mice		1
11	Potentiation of adipogenesis and insulinomimetic effects of novel vanadium complex (N[(E)-(5-bromo-2-oxophenyl)methylidene]-4-methoxybenzohydrazide)oxido(1,10-phenanthroline)vanadium(IV) in 3T3-L1 cells. *Science Technology and Innovation*, **2019**, 4, 55-62	0.9	1
10	The antidepressant-like activity of chiral xanthone derivatives may be mediated by 5-HT1A receptor and arrestin signalling. *Journal of Psychopharmacology*, **2020**, 34, 1431-1442	4.6	1
9	Metabolic benefits of novel histamine H receptor ligands in the model of excessive eating: The importance of intrinsic activity and pharmacokinetic properties. *Biomedicine and Pharmacotherapy*, **2021**, 142, 111952	7.5	1
8	Influence of betahistine repeated administration on a weight gain and selected metabolic parameters in the model of excessive eating in rats. *Biomedicine and Pharmacotherapy*, **2021**, 141, 111892	7.5	0
7	Antiarrhythmic activity of novel S-enantiomers of pyrrolidin-2-one derivatives with adrenolytic properties. *Acta Poloniae Pharmaceutica*, **2010**, 67, 537-42	1.3	0
6	Synthesis and antinociceptive activity of four 1H-isoindolo-1,3(2H)-diones.. *Archiv Der Pharmazie*, **2022**, e2100423	4.3	0
5	Antiarrhythmic activity in occlusion-reperfusion model of 1-(1H-indol-4-yloxy)-3-{[2-(2-methoxyphenoxy)ethyl]amino} propan-2-ol and its enantiomers. *Clinical and Experimental Pharmacology and Physiology*, **2016**, 43, 81-7	3	
4	KD-64 A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist caffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
3	KD-64 A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist caffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
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