

# Jacek Sapa

## List of Publications by Year in descending order

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93  
papers

1,458  
citations

361045

20  
h-index

414034

32  
g-index

97  
all docs

97  
docs citations

97  
times ranked

1885  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serotonin receptors in depression and anxiety: Insights from animal studies. <i>Life Sciences</i> , 2018, 210, 106-124.	2.0	124
2	The influence of the route of administration of gold nanoparticles on their tissue distribution and basic biochemical parameters: In vivo studies. <i>Pharmacological Reports</i> , 2015, 67, 405-409.	1.5	77
3	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2016, 68, 263-274.	1.5	63
4	The role of glutamatergic, GABA-ergic, and cholinergic receptors in depression and antidepressant-like effect. <i>Pharmacological Reports</i> , 2016, 68, 443-450.	1.5	54
5	Synthesis and Evaluation of Antidepressant-like Activity of Some 4-Substituted 1-(2-methoxyphenyl)Piperazine Derivatives. <i>Chemical Biology and Drug Design</i> , 2015, 85, 326-335.	1.5	50
6	Aryl-1,3,5-triazine derivatives as histamine H4 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 534-546.	2.6	46
7	Synthesis, antiarrhythmic, and antihypertensive effects of novel 1-substituted pyrrolidin-2-one and pyrrolidine derivatives with adrenolytic activity. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 183-195.	2.6	39
8	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT1A and 5-HT7 Antagonists in Animal Models. <i>PLoS ONE</i> , 2015, 10, e0142499.	1.1	39
9	Alpha lipoic acid protects the heart against myocardial post ischemia reperfusion arrhythmias via KATP channel activation in isolated rat hearts. <i>Pharmacological Reports</i> , 2014, 66, 499-504.	1.5	38
10	The Significance of Lactoperoxidase System in Oral Health: Application and Efficacy in Oral Hygiene Products. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1443.	1.8	36
11	Synthesis and Pharmacological Evaluation of New 1-(3-(4-arylpiperazin-1-yl)-2-hydroxypropyl)-pyrrolidin-2-one Derivatives with Antiarrhythmic, Hypotensive, and Adrenolytic Activity. <i>Archiv Der Pharmazie</i> , 2007, 340, 466-475.	1.5	32
12	Antidepressant-like activity of a new piperazine derivative of xanthone in the forced swim test in mice: The involvement of serotonergic system. <i>Pharmacological Reports</i> , 2015, 67, 160-165.	1.5	32
13	Synthesis, coordination properties and biological activity of vanadium complexes with hydrazone Schiff base ligands. <i>Polyhedron</i> , 2020, 185, 114589.	1.0	32
14	A Comparison of the Anorectic Effect and Safety of the Alpha2-Adrenoceptor Ligands Guanfacine and Yohimbine in Rats with Diet-Induced Obesity. <i>PLoS ONE</i> , 2015, 10, e0141327.	1.1	28
15	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 adrenergic activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3994-4003.	2.6	24
16	(2-Arylethenyl)-1,3,5-triazin-2-amines as a novel histamine H4 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 238-251.	2.6	24
17	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. <i>Metabolic Brain Disease</i> , 2016, 31, 1023-1029.	1.4	24
18	Synthesis, structure and antiarrhythmic properties evaluation of new basic derivatives of 5,5-diphenylhydantoin. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 555-566.	2.6	23

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19	The antidepressant-like activity of 6-methoxy-2-[4-(2-methoxyphenyl)piperazin-1-yl]-9H-xanthen-9-one involves serotonergic 5-HT1A and 5-HT2A/C receptors activation. <i>European Journal of Pharmacology</i> , 2015, 764, 537-546.	1.7	23
20	PSB 603 " a known selective adenosine A2B receptor antagonist " has anti-inflammatory activity in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111164.	2.5	21
21	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. <i>Pharmacological Reports</i> , 2013, 65, 1018-1024.	1.5	20
22	The antidepressant- and anxiolytic-like activities of new xanthone derivative with piperazine moiety in behavioral tests in mice. <i>Indian Journal of Pharmacology</i> , 2016, 48, 286.	0.4	20
23	Synthesis and development of new 2-substituted 1-[3-(4-aryl)piperazin-1-yl]propyl]-pyrrolidin-2-one derivatives with antiarrhythmic, hypotensive, and $\alpha$ -adrenolytic activity. <i>Il Farmaco</i> , 2005, 60, 793-803.	0.9	19
24	Tissue distribution of gold nanoparticles after single intravenous administration in mice. <i>Pharmacological Reports</i> , 2013, 65, 1033-1038.	1.5	18
25	The histamine H3 receptor inverse agonist pitolisant reduces body weight in obese mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 875-881.	1.4	18
26	Characterization and antidiabetic activity of salicylhydrazone Schiff base vanadium(IV) and (V) complexes. <i>Transition Metal Chemistry</i> , 2021, 46, 201-217.	0.7	18
27	Chemically Homogenous Compounds with Antagonistic Properties at All $\alpha$ -Adrenoceptor Subtypes but not $\beta$ -Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. <i>Frontiers in Pharmacology</i> , 2016, 7, 229.	1.6	17
28	HBK-7 " A new xanthone derivative and a 5-HT1A receptor antagonist with antidepressant-like properties. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 146-147, 35-43.	1.3	17
29	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. <i>Archiv Der Pharmazie</i> , 1997, 330, 225-231.	2.1	16
30	Design, synthesis, anticonvulsant, and antiarrhythmic properties of novel N-Mannich base and amide derivatives of $\beta$ -tetralinohydantoin. <i>Pharmacological Reports</i> , 2016, 68, 886-893.	1.5	16
31	The role of melatonin, neurokinin, neurotrophic tyrosine kinase and glucocorticoid receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2017, 69, 546-554.	1.5	16
32	Tridentate ONO ligands in vanadium(III-V) complexes - synthesis, characterization and biological activity. <i>Journal of Molecular Structure</i> , 2021, 1224, 129205.	1.8	16
33	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. <i>Il Farmaco</i> , 2005, 60, 53-59.	0.9	15
34	Pyrrolidin-2-one derivatives may reduce body weight in rats with diet-induced obesity. <i>European Journal of Pharmacology</i> , 2016, 776, 146-155.	1.7	15
35	HBK-17, a 5-HT1A Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates $\gamma$ -Arrestin Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 1146.	1.6	15
36	KSK19 " Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. <i>Biochemical Pharmacology</i> , 2019, 168, 193-203.	2.0	15

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37	In Vivo Anti-inflammatory Activity of Lipoic Acid Derivatives in Mice. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2013, 67, 331-338.	0.1	15
38	Antiarrhythmic and antioxidant activity of novel pyrrolidin-2-one derivatives with adrenolytic properties. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 13-25.	1.4	14
39	Antiparkinsonian Effects of Novel Adenosine A <sub>2A</sub> Receptor Antagonists. <i>Archiv Der Pharmazie</i> , 2011, 344, 20-27.	2.1	14
40	Synthesis and biological evaluation of N-arylpiperazine derivatives of 4,4-dimethylisoquinoline-1,3(2H,4H)-dione as potential antiplatelet agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 536-545.	2.5	13
41	Ligand role on insulin-mimetic properties of vanadium complexes. <i>Structural and biological studies. Inorganica Chimica Acta</i> , 2021, 516, 120135.	1.2	13
42	Synthesis and pharmacological evaluation of pyrrolidin-2-one derivatives as antiarrhythmic, antihypertensive and $\beta$ -adrenolytic agents. <i>Pharmacological Reports</i> , 2010, 62, 68-85.	1.5	12
43	Antidepressant-like activity of the phenylpiperazine pyrrolidin-2-one derivatives in mice. <i>Pharmacological Reports</i> , 2011, 63, 71-78.	1.5	12
44	7-3-Chlorophenylpiperazinylalkyl derivatives of 8-alkoxy-purine-2,6-dione as a serotonin receptor ligands with potential antidepressant activity. <i>Pharmacological Reports</i> , 2014, 66, 505-510.	1.5	12
45	Ergotamine and nicergoline – Facts and myths. <i>Pharmacological Reports</i> , 2015, 67, 360-363.	1.5	12
46	Antiarrhythmic, hypotensive and $\beta$ -adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. <i>European Journal of Pharmacology</i> , 2014, 735, 10-16.	1.7	11
47	$\beta$ -Adrenoceptor antagonistic and hypotensive properties of novel arylpiperazine derivatives of pyrrolidin-2-one. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2104-2111.	1.4	11
48	Analgesic and anti-inflammatory activity of 7-substituted purine-2,6-diones. <i>Pharmacological Reports</i> , 2014, 66, 996-1002.	1.5	10
49	Anti-inflammatory, antioxidant, and antiparkinsonian effects of adenosine A <sub>2A</sub> receptor antagonists. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 132, 71-78.	1.3	10
50	Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A <sub>2A</sub> receptors in mice. <i>Pharmacological Reports</i> , 2016, 68, 1285-1292.	1.5	10
51	KD-64 – A new selective A <sub>2A</sub> adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist – Caffeine does not reduce diet-induced obesity in mice. <i>PLoS ONE</i> , 2020, 15, e0229806.	1.1	10
52	Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. <i>Pharmacological Reports</i> , 2014, 66, 708-711.	1.5	9
53	Antiarrhythmic activity of some xanthone derivatives with $\beta$ -adrenoceptor affinities in rats. <i>European Journal of Pharmacology</i> , 2014, 738, 14-21.	1.7	9
54	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. <i>Pharmacological Reports</i> , 2015, 67, 1163-1167.	1.5	9

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55	Hypotensive effect of alpha-lipoic acid after a single administration in rats. <i>Anatolian Journal of Cardiology</i> , 2015, 16, 306-9.	0.5	9
56	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with $\alpha$ -1-adrenolytic properties. <i>Pharmacological Reports</i> , 2015, 67, 267-274.	1.5	8
57	Analgesic activity of new 8-methoxy-1,3-dimethyl-2,6-dioxo-purin-7-yl derivatives with carboxylic, ester or amide moieties. <i>Pharmacological Reports</i> , 2015, 67, 9-16.	1.5	8
58	Design, Sustainable Synthesis and Biological Evaluation of a Novel Dual $\alpha$ -2A/5-HT7 Receptor Antagonist with Antidepressant-Like Properties. <i>Molecules</i> , 2021, 26, 3828.	1.7	8
59	Antiarrhythmic and hypotensive activities of 1-[2-hydroxy-3-(4-phenyl-1-piperazinyl)propyl]-pyrrolidin-2-one (MG-1(R,S)) and its enantiomers. <i>Pharmacological Reports</i> , 2011, 63, 455-463.	1.5	7
60	Correlation of Paraoxonase-1 with the Severity of Crohn's Disease. <i>Molecules</i> , 2018, 23, 2603.	1.7	7
61	Effects of GPR18 Ligands on Body Weight and Metabolic Parameters in a Female Rat Model of Excessive Eating. <i>Pharmaceuticals</i> , 2021, 14, 270.	1.7	7
62	The possible mechanism of hypotensive activity of some pyrrolidin-2-one derivatives with antagonist properties at $\alpha$ 1-adrenoceptors. <i>European Journal of Pharmacology</i> , 2011, 673, 40-48.	1.7	6
63	Synthesis and Pharmacological Activity of a New Series of 1-(2-hydroxy-3-(4-(2-methoxyphenoxy)ethylamino)propanoate) Indole Analogs. <i>Archiv Der Pharmazie</i> , 2016, 349, 211-223.		
64	MH-76, a Novel Non-Quinazoline $\alpha$ -1-Adrenoceptor Antagonist, but Not Prazosin Reduces Inflammation and Improves Insulin Signaling in Adipose Tissue of Fructose-Fed Rats. <i>Pharmaceuticals</i> , 2021, 14, 477.	1.7	6
65	Metabolic benefits of novel histamine H3 receptor ligands in the model of excessive eating: The importance of intrinsic activity and pharmacokinetic properties. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111952.	2.5	6
66	Synthesis and Analgesic Activity of 3,7-dimethylpurine-2,6-dion-1-yl Derivatives of Acetic and Butanoic Acid. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1204-1213.	0.4	6
67	Anti-inflammatory activity of lipoic acid in mice peritonitis model. <i>Acta Poloniae Pharmaceutica</i> , 2013, 70, 899-904.	0.3	6
68	Synthesis and Analgesic Activity of Annelated Xanthine Derivatives in Experimental Models in Rodents. <i>Archiv Der Pharmazie</i> , 2015, 348, 704-714.	2.1	5
69	Pitolisant protects mice chronically treated with corticosterone from some behavioral but not metabolic changes in corticosterone-induced depression model. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172974.	1.3	5
70	Synthesis and Evaluation of the Antidepressant-like Properties of HBK-10, a Novel 2-Methoxyphenylpiperazine Derivative Targeting the 5-HT1A and D2 Receptors. <i>Pharmaceuticals</i> , 2021, 14, 744.	1.7	4
71	Leki miorelaksacyjne - aktualna pozycja w leczeniu stanów w pastycznych w ortopedii. <i>Ortopedia Traumatologia Rehabilitacja</i> , 2015, 17, 423-430.	0.1	4
72	Synthesis and properties of 4-alkoxy-2-[2-hydroxy-3-(4-o,m,p-halogenoaryl-1) Tj ETQqO O O rgBT /Overlock 10 Tf 50 67 Td (-piperazinyl)pr activities. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 245-54.	0.3	4

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73	Antiarrhythmic and $\alpha$ -Adrenoceptor Antagonistic Properties of Novel Arylpiperazine Derivatives of Pyrrolidin-2-one. <i>Archiv Der Pharmazie</i> , 2015, 348, 861-867.	2.1	3
74	Arylsulfonamide derivatives of (aryloxy)ethyl pyrrolidines and piperidines as $\alpha$ 1 -adrenergic receptor antagonist with uro-selective activity. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5582-5591.	1.4	3
75	Bioresearch of New 1H-pyrrolo[3,4-c]pyridine-1,3(2H)-diones. <i>Molecules</i> , 2020, 25, 5883.	1.7	3
76	Influence of betahistine repeated administration on a weight gain and selected metabolic parameters in the model of excessive eating in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111892.	2.5	3
77	Tridentate hydrazido-hydrazones vanadium complexes. Synthesis, properties and biological activity. <i>Science Technology and Innovation</i> , 2019, 4, 9-20.	0.0	3
78	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. <i>Acta Poloniae Pharmaceutica</i> , 2009, 66, 649-62.	0.3	3
79	The Nitric Oxide/Soluble Cyclic Guanylate/Cyclic Guanosine Monophosphate Pathway Is Involved in the Cardiovascular Effects of a Novel $\alpha$ 1 - and $\alpha$ 2 -Adrenoceptor Antagonist. <i>Pharmacology</i> , 2014, 94, 287-295.	0.9	2
80	Synthesis and Pharmacological Evaluation of Novel Silodosin-Based Arylsulfonamide Derivatives as $\alpha$ 1A/ $\alpha$ 1D-Adrenergic Receptor Antagonist with Potential Uroselective Profile. <i>Molecules</i> , 2018, 23, 2175.	1.7	2
81	The antidepressant-like activity of chiral xanثone derivatives may be mediated by 5-HT1A receptor and $\beta$ 2-arrestin signalling. <i>Journal of Psychopharmacology</i> , 2020, 34, 1431-1442.	2.0	2
82	Synthesis and antinociceptive activity of four 1 <i>H</i> - $\alpha$ -isoindolo[1,3(2 <i>H</i> )]-diones. <i>Archiv Der Pharmazie</i> , 2022, , e2100423.	2.1	2
83	The Antiarrhythmic Activity of Novel Pyrrolidin-2-one Derivative S-75 in Adrenaline-Induced Arrhythmia. <i>Pharmaceutica</i> , 2021, 14, 1065.	1.7	1
84	Potential 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. <i>Science Technology and Innovation</i> , 2019, 4, 55-62.	0.0	1
85	Antiarrhythmic activity of novel S-enantiomers of pyrrolidin-2-one derivatives with adrenergic properties. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 537-42.	0.3	1
86	PRELIMINARY EVALUATION OF CENTRAL NERVOUS SYSTEM ACTIVITY OF (E)-N-2-METHYL-3-PHENYLPROP-2-ENYL ((E)-N- $\alpha$ -METHYLCINNAMYL) DERIVATIVES OF SELECTED AMINOALKANOLS. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 345-57.	0.3	1
87	Synthesis, Structure and Antiarrhythmic Properties Evaluation of New Basic Derivatives of 5,5-Diphenylhydantoin. <i>ChemInform</i> , 2003, 34, no.	0.1	0
88	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.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
89	Antiarrhythmic activity in occlusion-reperfusion model of $\alpha$ -(1H-indol-4-yl-oxy)- $\alpha$ -(2-(2-methoxyphenoxy)ethyl)amino} propan-2-ol and its enantiomers. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 81-87.	0.0	0
90	Title is missing!. , 2020, 15, e0229806.		0

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91	Title is missing!. , 2020, 15, e0229806.		0
92	Title is missing!. , 2020, 15, e0229806.		0
93	Title is missing!. , 2020, 15, e0229806.		0