Marek Bednarski

List of Publications by Year in Descending Order

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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.

57 papers	546 citations	14 h-index	21 g-index
61 ext. papers	678 ext. citations	4.4 avg, IF	3.18 L-index

#	Paper	IF	Citations
57	The Structural Determinants for -Adrenergic/Serotonin Receptors Activity among Phenylpiperazine-Hydantoin Derivatives. *Molecules*, **2021**, 26,	4.8	1
56	PSB 603 - a known selective adenosine A2B receptor antagonist - has anti-inflammatory activity in mice. *Biomedicine and Pharmacotherapy*, **2021**, 135, 111164	7.5	10
55	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
54	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
53	Structural modifications in the distal, regulatory region of histamine H receptor antagonists leading to the identification of a potent anti-obesity agent. *European Journal of Medicinal Chemistry*, **2021**, 213, 113041	6.8	3
52	The GPR18 Agonist PSB-KD-107 Exerts Endothelium-Dependent Vasorelaxant Effects. *Pharmaceuticals*, **2021**, 14,	5.2	2
51	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
50	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
49	Antidepressant-like activity and safety profile evaluation of 1H-imidazo[2,1-f]purine-2,4(3H,8H)-dione derivatives as 5-HT1A receptor partial agonists. *PLoS ONE* , **2020**, 15, e0237196	3.7	2
48	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
47	KD-64A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonistCaffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
46	KD-64A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonistCaffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
45	KD-64A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonistCaffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
44	KD-64A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonistCaffeine does not reduce diet-induced obesity in mice **2020**, 15, e0229806		
43	Structural modifications and in vitro pharmacological evaluation of 4-pyridyl-piperazine derivatives as an active and selective histamine H receptor ligands. *Bioorganic Chemistry*, **2019**, 91, 103071	5.1	9
42	Anti-Alzheimer's multitarget-directed ligands with serotonin 5-HT antagonist, butyrylcholinesterase inhibitory, and antioxidant activity. *Archiv Der Pharmazie*, **2019**, 352, e1900041	4.3	9
41	KSK19 - Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. *Biochemical Pharmacology*, **2019**, 168, 193-203	6	9

40	Isolation of 1-(3Ţ4ŦDihydroxyphenyl)-3-(2?,4?,6?-trihydroxyphenyl)-propan-2-ol from Grape Seed Extract and Evaluation of its Antioxidant and Antispasmodic Potential. *Molecules*, **2019**, 24,	4.8	3
39	Characteristics of metabolic stability and the cell permeability of 2-pyrimidinyl-piperazinyl-alkyl derivatives of 1H-imidazo[2,1-f]purine-2,4(3H,8H)-dione with antidepressant- and anxiolytic-like activities. *Chemical Biology and Drug Design*, **2019**, 93, 511-521	2.9	5
38	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
37	Novel multi-target azinesulfonamides of cyclic amine derivatives as potential antipsychotics with pro-social and pro-cognitive effects. *European Journal of Medicinal Chemistry*, **2018**, 145, 790-804	6.8	28
36	Metabolic benefits of 1-(3-(4-(o-tolyl)piperazin-1-yl)propyl)pyrrolidin-2-one: a non-selective □adrenoceptor antagonist. *Journal of Endocrinological Investigation*, **2018**, 41, 609-619	5.2	6
35	Synthesis and Pharmacological Evaluation of Novel Silodosin-Based Arylsulfonamide Derivatives as □□Adrenergic Receptor Antagonist with Potential Uroselective Profile. *Molecules*, **2018**, 23,	4.8	2
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	Design, synthesis, anticonvulsant, and antiarrhythmic properties of novel N-Mannich base and amide derivatives of □etralinohydantoin. *Pharmacological Reports*, **2016**, 68, 886-93	3.9	14
32	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	
31	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
30	Antidepressant-like activity of aroxyalkyl derivatives of 2-methoxyphenylpiperazine and evidence for the involvement of serotonin receptor subtypes in their mechanism of action. *Pharmacology Biochemistry and Behavior*, **2016**, 141, 28-41	3.9	14
29	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. *Metabolic Brain Disease*, **2016**, 31, 1023-9	3.9	18
28	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
27	□Adrenoceptor antagonistic and hypotensive properties of novel arylpiperazine derivatives of pyrrolidin-2-one. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 2104-11	3.4	6
26	Antiarrhythmic and □Adrenoceptor Antagonistic Properties of Novel Arylpiperazine Derivatives of Pyrrolidin-2-one. *Archiv Der Pharmazie*, **2015**, 348, 861-7	4.3	3
25	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
24	Synthesis and Analgesic Activity of Annelated Xanthine Derivatives in Experimental Models in Rodents. *Archiv Der Pharmazie*, **2015**, 348, 704-14	4.3	2
23	Ergotamine and nicergoline - facts and myths. *Pharmacological Reports*, **2015**, 67, 360-3	3.9	8

22	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
21	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
20	Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. *Pharmacological Reports*, **2014**, 66, 708-11	3.9	8
19	Antiarrhythmic activity of some xanthone derivatives with □1-adrenoceptor affinities in rats. *European Journal of Pharmacology*, **2014**, 738, 14-21	5.3	7
18	The nitric oxide/soluble cyclic guanylase/cyclic guanosine monophosphate pathway is involved in the cardiovascular effects of a novel □1- and □adrenoceptor antagonist. *Pharmacology*, **2014**, 94, 287-95	2.3	2
17	Studies on novel pyridine and 2-pyridone derivatives of N-arylpiperazine as □adrenoceptor ligands. *Medicinal Chemistry*, **2014**, 10, 144-53	1.8	12
16	Tissue distribution of gold nanoparticles after single intravenous administration in mice. *Pharmacological Reports*, **2013**, 65, 1033-8	3.9	15
15	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. *Pharmacological Reports*, **2013**, 65, 1018-24	3.9	16
14	Novel mannich bases, 5-arylimidazolidine-2,4-dione derivatives with dual 5-HT(1A) receptor and serotonin transporter affinity. *Archiv Der Pharmazie*, **2013**, 346, 98-109	4.3	9
13	In vivo anti-inflammatory activity of lipoic acid derivatives in mice. *Postepy Higieny I Medycyny Doswiadczalnej*, **2013**, 67, 331-8	0.3	13
12	Antiarrhythmic properties of phenylpiperazine derivatives of phenytoin with □adrenoceptor affinities. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 2290-303	3.4	25
11	The effect of nitroglycerin tolerance on oxidative stress and anaerobic sulfur metabolism in rat tissues. *Fundamental and Clinical Pharmacology*, **2010**, 24, 47-53	3.1	4
10	Synthesis and adrenolytic activity of new propanolamines. *Molecules*, **2010**, 15, 3887-904	4.8	2
9	Synthesis and adrenolytic activity of 1-(1H-indol-4-yloxy)-3-{[2-(2-methoxyphenoxy)ethyl]amino}propan-2-ol and its enantiomers. Part 1. *European Journal of Medicinal Chemistry*, **2009**, 44, 809-17	6.8	18
8	Synthesis and adrenolytic activity of 1-(1H-indol-4-yloxy)-3-(2-(2-methoxy phenoxy)ethylamino)propan-2-ol analogs and its enantiomers. Part 2. *European Journal of Medicinal Chemistry*, **2009**, 44, 5103-11	6.8	11
7	The role of lipoic acid in prevention of nitroglycerin tolerance. *European Journal of Pharmacology*, **2008**, 591, 203-10	5.3	22
6	Synthesis and evaluation of some xanthone derivatives for anti-arrhythmic, hypotensive properties and their affinity for adrenergic receptors. *Archiv Der Pharmazie*, **2008**, 341, 90-8	4.3	20
5	Application of liquid chromatography-tandem mass spectrometry method for the analysis of new nonselective beta-adrenergic blocker 1-(1-H-indol-4-yloxy)-3-{[2-(2-methoxy phenoxy)ethylo]amino}propan-2-ol (2F109) in rat plasma. *Chirality*, **2007**, 19, 536-41	2.1	3

4	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
3	Bioactivation of nitroglycerin to nitric oxide (NO) and S-nitrosothiols in the rat liver and evaluation of the coexisting hypotensive effect. *Fundamental and Clinical Pharmacology*, **2004**, 18, 449-56	3.1	8
2	Synthesis and evaluation of in vivo activity of diphenylhydantoin basic derivatives. *European Journal of Medicinal Chemistry*, **2004**, 39, 1013-27	6.8	39
1	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