Magdalena Kotanska

List of Publications by Year in Descending Order

70 papers	615 citations	14 h-index	20 g-index
75 ext. papers	807 ext. citations	4.4 avg, IF	3.62 L-index

#	Paper	IF	Citations
70	Guanabenz-an old drug with a potential to decrease obesity.. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2022**, 1	3.4	
69	PSB 603 - a known selective adenosine A2B receptor antagonist - has anti-inflammatory activity in mice. *Biomedicine and Pharmacotherapy*, **2021**, 135, 111164	7.5	10
68	Discovery of Potential, Dual-Active Histamine H Receptor Ligands with Combined Antioxidant Properties. *Molecules*, **2021**, 26,	4.8	1
67	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
66	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
65	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
64	Effects of GPR18 Ligands on Body Weight and Metabolic Parameters in a Female Rat Model of Excessive Eating. *Pharmaceuticals*, **2021**, 14,	5.2	3
63	Multifunctional Arylsulfone and Arylsulfonamide-Based Ligands with Prominent Mood-Modulating Activity and Benign Safety Profile, Targeting Neuropsychiatric Symptoms of Dementia. *Journal of Medicinal Chemistry*, **2021**, 64, 12603-12629	8.3	1
62	The GPR18 Agonist PSB-KD-107 Exerts Endothelium-Dependent Vasorelaxant Effects. *Pharmaceuticals*, **2021**, 14,	5.2	2
61	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
60	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
59	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
58	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
57	Antinociceptive, antiedematous, and antiallodynic activity of 1H-pyrrolo[3,4-c]pyridine-1,3(2H)-dione derivatives in experimental models of pain. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2020**, 393, 813-827	3.4	6
56	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
55	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		
54	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		

53	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		
52	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		
51	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
50	Beneficial effects of non-quinazoline -adrenolytics on hypertension and altered metabolism in fructose-fed rats. A comparison with prazosin. *Nutrition, Metabolism and Cardiovascular Diseases*, **2019**, 29, 751-760	4.5	3
49	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
48	Reversal of cardiac, vascular, and renal dysfunction by non-quinazoline -adrenolytics in DOCA-salt hypertensive rats: a comparison with prazosin, a quinazoline-based -adrenoceptor antagonist. *Hypertension Research*, **2019**, 42, 1125-1141	4.7	5
47	The 1,3,5-Triazine Derivatives as Innovative Chemical Family of 5-HT Serotonin Receptor Agents with Therapeutic Perspectives for Cognitive Impairment. *International Journal of Molecular Sciences* , **2019**, 20,	6.3	22
46	KSK19 - Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. *Biochemical Pharmacology*, **2019**, 168, 193-203	6	9
45	Is the mechanism of nitroglycerin tolerance associated with aldehyde dehydrogenase activity? A contribution to the ongoing discussion. *Acta Biochimica Polonica*, **2019**, 66, 627-632	2	1
44	Are the Hydantoin-1,3,5-triazine 5-HTR Ligands a Hope to a Find New Procognitive and Anti-Obesity Drug? Considerations Based on Primary In Vivo Assays and ADME-Tox Profile In Vitro. *Molecules*, **2019**, 24,	4.8	9
43	Can Lipoic Acid Attenuate Cardiovascular Disturbances Induced by Ethanol and Disulfiram Administration Separately or Jointly in Rats?. *Oxidative Medicine and Cellular Longevity*, **2019**, 2019, 1974982	6.7	2
42	Single Administration of HBK-15-a Triple 5-HT, 5-HT, and 5-HT Receptor Antagonist-Reverses Depressive-Like Behaviors in Mouse Model of Depression Induced by Corticosterone. *Molecular Neurobiology*, **2018**, 55, 3931-3945	6.2	14
41	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
40	Synthesis and biological activity of novel tert-butyl and tert-pentylphenoxyalkyl piperazine derivatives as histamine HR ligands. *European Journal of Medicinal Chemistry*, **2018**, 152, 223-234	6.8	16
39	Idalopirdine, a selective 5-HT receptor antagonist, reduces food intake and body weight in a model of excessive eating. *Metabolic Brain Disease*, **2018**, 33, 733-740	3.9	17
38	Involvement of the NO/sGC/cGMP/K channels pathway in vascular relaxation evoked by two non-quinazoline -adrenoceptor antagonists. *Biomedicine and Pharmacotherapy*, **2018**, 103, 157-166	7.5	4
37	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
36	Novel and effective synthesis protocol of AgNPs functionalized using L-cysteine as a potential drug carrier. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2018**, 391, 123-130	3.4	8

35	Anti-aggregation effect of aroxyalkyl derivatives of 2-methoxyphenylpiperazine is due to their 5-HT and □-adrenoceptor antagonistic properties. A comparison with ketanserin, sarpogrelate, prazosin, yohimbine and ARC239. *European Journal of Pharmacology*, **2018**, 818, 263-270	5.3	5
34	Optimization and preclinical evaluation of novel histamine Hreceptor ligands: Acetyl and propionyl phenoxyalkyl piperazine derivatives. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 6056-6066	3.4	8
33	Computer-Aided Studies for Novel Arylhydantoin 1,3,5-Triazine Derivatives as 5-HT□erotonin Receptor Ligands with Antidepressive-Like, Anxiolytic and Antiobesity Action In Vivo. *Molecules*, **2018**, 23,	4.8	14
32	Synthesis and Pharmacological Evaluation of Novel Silodosin-Based Arylsulfonamide Derivatives as □Adrenergic Receptor Antagonist with Potential Uroselective Profile. *Molecules*, **2018**, 23,	4.8	2
31	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
30	HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. *Behavioural Brain Research*, **2017**, 333, 54-66	3.4	14
29	Contribution of the nitric oxide donor molsidomine and the antiparkinsonian drug l-DOPA to the modulation of the blood pressure in unilaterally 6-OHDA-lesioned rats. *Pharmacological Reports*, **2017**, 69, 29-35	3.9	2
28	Metabolic and Cardiovascular Benefits and Risks of EMD386088-A 5-HT Receptor Partial Agonist and Dopamine Transporter Inhibitor. *Frontiers in Neuroscience*, **2017**, 11, 50	5.1	12
27	The effect of NaCl on the level of reduced sulfur compounds in rat liver. Implications for blood pressure increase. *Postepy Higieny I Medycyny Doswiadczalnej*, **2017**, 71, 564-576	0.3	1
26	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
25	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
24	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	
23	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
22	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
21	HBK-14 and HBK-15 Do Not Influence Blood Pressure, Lipid Profile, Glucose Level, or Liver Enzymes Activity after Chronic Treatment in Rats. *PLoS ONE*, **2016**, 11, e0165495	3.7	5
20	Hypotensive effect of alpha-lipoic acid after a single administration in rats. *Anatolian Journal of Cardiology*, **2016**, 16, 306-9	0.8	9
19	Chemically Homogenous Compounds with Antagonistic Properties at All □-Adrenoceptor Subtypes but not □-Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. *Frontiers in Pharmacology*, **2016**, 7, 229	5.6	9
18	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. *Metabolic Brain Disease*, **2016**, 31, 1023-9	3.9	18

17	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
16	Antinociceptive, anti-inflammatory and smooth muscle relaxant activities of the pyrrolo[3,4-d]pyridazinone derivatives: Possible mechanisms of action. *Pharmacology Biochemistry and Behavior*, **2015**, 133, 99-110	3.9	29
15	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. *Pharmacological Reports*, **2015**, 67, 1163-7	3.9	8
14	□Adrenoceptor antagonistic and hypotensive properties of novel arylpiperazine derivatives of pyrrolidin-2-one. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 2104-11	3.4	6
13	Idalopirdine - a small molecule antagonist of 5-HT6 with therapeutic potential against obesity. *Metabolic Brain Disease*, **2015**, 30, 1487-94	3.9	29
12	Antiarrhythmic and □Adrenoceptor Antagonistic Properties of Novel Arylpiperazine Derivatives of Pyrrolidin-2-one. *Archiv Der Pharmazie*, **2015**, 348, 861-7	4.3	3
11	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
10	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
9	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
8	Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. *Pharmacological Reports*, **2014**, 66, 708-11	3.9	8
7	Tissue distribution of gold nanoparticles after single intravenous administration in mice. *Pharmacological Reports*, **2013**, 65, 1033-8	3.9	15
6	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. *Pharmacological Reports*, **2013**, 65, 1018-24	3.9	16
5	In vivo anti-inflammatory activity of lipoic acid derivatives in mice. *Postepy Higieny I Medycyny Doswiadczalnej*, **2013**, 67, 331-8	0.3	13
4	Effects of different garlic-derived allyl sulfides on peroxidative processes and anaerobic sulfur metabolism in mouse liver. *Phytotherapy Research*, **2012**, 26, 425-31	6.7	21
3	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
2	The role of lipoic acid in prevention of nitroglycerin tolerance. *European Journal of Pharmacology*, **2008**, 591, 203-10	5.3	22
1	KD-64 □a new selective A2Aadenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonist □affeine does not reduce diet-induced obesity in mice		1