# Magdalena KotaÅ„ska

List of Publications by Year
in descending order



| 73 | 937 | 471061 | 580395 |
|---|---|---|---|
| papers | citations | 17 h-index | 25 g-index |

| 75 | 75 | 75 | 1323 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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, 405-409. | 1.5 | 77 |
| 2 | The 1,3,5-Triazine Derivatives as Innovative Chemical Family of 5-HT6 Serotonin Receptor Agents with Therapeutic Perspectives for Cognitive Impairment. International Journal of Molecular Sciences, 2019, 20, 3420. | 1.8 | 43 |
| 3 | Alpha lipoic acid protects the heart against myocardial post ischemiaâ€“reperfusion arrhythmias via KATP channel activation in isolated rat hearts. Pharmacological Reports, 2014, 66, 499-504. | 1.5 | 38 |
| 4 | 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. | 1.3 | 35 |
| 5 | Idalopirdine â€“ a small molecule antagonist of 5-HT6 with therapeutic potential against obesity. Metabolic Brain Disease, 2015, 30, 1487-1494. | 1.4 | 35 |
| 6 | Idalopirdine, a selective 5-HT6 receptor antagonist, reduces food intake and body weight in a model of excessive eating. Metabolic Brain Disease, 2018, 33, 733-740. | 1.4 | 30 |
| 7 | 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. | 1.1 | 28 |
| 8 | The role of lipoic acid in prevention of nitroglycerin tolerance. European Journal of Pharmacology, 2008, 591, 203-210. | 1.7 | 27 |
| 9 | Effects of Different Garlicâ€derived Allyl Sulfides on Peroxidative Processes and Anaerobic Sulfur Metabolism in Mouse Liver. Phytotherapy Research, 2012, 26, 425-431. | 2.8 | 26 |
| 10 | H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. Metabolic Brain Disease, 2016, 31, 1023-1029. | 1.4 | 24 |
| 11 | Synthesis and biological activity of novel tert-butyl and tert-pentylphenoxyalkyl piperazine derivatives as histamine H3R ligands. European Journal of Medicinal Chemistry, 2018, 152, 223-234. | 2.6 | 24 |
| 12 | PSB 603 â€“ a known selective adenosine A2B receptor antagonist â€“ has anti-inflammatory activity in mice. Biomedicine and Pharmacotherapy, 2021, 135, 111164. | 2.5 | 21 |
| 13 | Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. Pharmacological Reports, 2013, 65, 1018-1024. | 1.5 | 20 |
| 14 | Single Administration of HBK-15â€”a Triple 5-HT1A, 5-HT7, and 5-HT3 Receptor Antagonistâ€”Reverses Depressive-Like Behaviors in Mouse Model of Depression Induced by Corticosterone. Molecular Neurobiology, 2018, 55, 3931-3945. | 1.9 | 20 |
| 15 | 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. | 1.4 | 19 |
| 16 | Tissue distribution of gold nanoparticles after single intravenous administration in mice. Pharmacological Reports, 2013, 65, 1033-1038. | 1.5 | 18 |
| 17 | HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. Behavioural Brain Research, 2017, 333, 54-66. | 1.2 | 18 |
| 18 | Computer-Aided Studies for Novel Arylhydantoin 1,3,5-Triazine Derivatives as 5-HT6 Serotonin Receptor Ligands with Antidepressive-Like, Anxiolytic and Antiobesity Action In Vivo. Molecules, 2018, 23, 2529. | 1.7 | 18 |

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|---|---|---|---|
| 19 | The histamine H3 receptor inverse agonist pitolisant reduces body weight in obese mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 875-881. | 1.4 | 18 |
| 20 | Are the Hydantoin-1,3,5-triazine 5-HT6R 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, 4472. | 1.7 | 18 |
| 21 | Chemically Homogenous Compounds with Antagonistic Properties at All Î±1-Adrenoceptor Subtypes but not Î²1-Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. Frontiers in Pharmacology, 2016, 7, 229. | 1.6 | 17 |
| 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. | 1.3 | 17 |
| 23 | Metabolic and Cardiovascular Benefits and Risks of EMD386088â€”A 5-HT6 Receptor Partial Agonist and Dopamine Transporter Inhibitor. Frontiers in Neuroscience, 2017, 11, 50. | 1.4 | 16 |
| 24 | Antiâ€Alzheimer's multitargetâ€directed ligands with serotonin 5â€HT<sub>6</sub> antagonist, butyrylcholinesterase inhibitory, and antioxidant activity. Archiv Der Pharmazie, 2019, 352, e1900041. | 2.1 | 16 |
| 25 | Pyrrolidin-2-one derivatives may reduce body weight in rats with diet-induced obesity. European Journal of Pharmacology, 2016, 776, 146-155. | 1.7 | 15 |
| 26 | KSK19 â€“ Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. Biochemical Pharmacology, 2019, 168, 193-203. | 2.0 | 15 |
| 27 | In Vivo Anti-inflammatory Activity of Lipoic Acid Derivatives in Mice. Postepy Higieny I Medycyny Doswiadczalnej, 2013, 67, 331-338. | 0.1 | 15 |
| 28 | Structural modifications and in vitro pharmacological evaluation of 4-pyridyl-piperazine derivatives as an active and selective histamine H3 receptor ligands. Bioorganic Chemistry, 2019, 91, 103071. | 2.0 | 14 |
| 29 | 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. | 2.5 | 13 |
| 30 | Optimization and preclinical evaluation of novel histamine H3receptor ligands: Acetyl and propionyl phenoxyalkyl piperazine derivatives. Bioorganic and Medicinal Chemistry, 2018, 26, 6056-6066. | 1.4 | 12 |
| 31 | Î±-Adrenoceptor antagonistic and hypotensive properties of novel arylpiperazine derivatives of pyrrolidin-2-one. Bioorganic and Medicinal Chemistry, 2015, 23, 2104-2111. | 1.4 | 11 |
| 32 | Reversal of cardiac, vascular, and renal dysfunction by non-quinazoline Î±1-adrenolytics in DOCA-salt hypertensive rats: a comparison with prazosin, a quinazoline-based Î±1-adrenoceptor antagonist. Hypertension Research, 2019, 42, 1125-1141. | 1.5 | 11 |
| 33 | Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A2A receptors in mice. Pharmacological Reports, 2016, 68, 1285-1292. | 1.5 | 10 |
| 34 | KD-64â€”A new selective A2A adenosine receptor antagonist has anti-inflammatory activity but contrary to the non-selective antagonistâ€”Caffeine does not reduce diet-induced obesity in mice. PLoS ONE, 2020, 15, e0229806. | 1.1 | 10 |
| 35 | Structural modifications in the distal, regulatory region of histamine H3 receptor antagonists leading to the identification of a potent anti-obesity agent. European Journal of Medicinal Chemistry, 2021, 213, 113041. | 2.6 | 10 |
| 36 | Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. Pharmacological Reports, 2014, 66, 708-711. | 1.5 | 9 |

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|---|---|---|---|
| 37 | Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. Pharmacological Reports, 2015, 67, 1163-1167. | 1.5 | 9 |
| 38 | Hypotensive effect of alpha-lipoic acid after a single administration in rats. Anatolian Journal of Cardiology, 2015, 16, 306-9. | 0.5 | 9 |
| 39 | Anti-aggregation effect of aroxyalkyl derivatives of 2-methoxyphenylpiperazine is due to their 5-HT2A and Î±2-adrenoceptor antagonistic properties. A comparison with ketanserin, sarpogrelate, prazosin, yohimbine and ARC239. European Journal of Pharmacology, 2018, 818, 263-270. | 1.7 | 8 |
| 40 | Beneficial effects of non-quinazoline Î±1-adrenolytics on hypertension and altered metabolism in fructose-fed rats. AÂcomparison with prazosin. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 751-760. | 1.1 | 8 |
| 41 | Antinociceptive, antiedematous, and antiallodynic activity of 1H-pyrrolo[3,4-c]pyridine-1,3(2H)-dione derivatives in experimental models of pain. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 813-827. | 1.4 | 8 |
| 42 | Design, Sustainable Synthesis and Biological Evaluation of a Novel Dual Î±2A/5-HT7 Receptor Antagonist with Antidepressant-Like Properties. Molecules, 2021, 26, 3828. | 1.7 | 8 |
| 43 | 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. | 1.1 | 8 |
| 44 | Involvement of the NO/sGC/cGMP/K+ channels pathway in vascular relaxation evoked by two non-quinazoline Î±1-adrenoceptor antagonists. Biomedicine and Pharmacotherapy, 2018, 103, 157-166. | 2.5 | 7 |
| 45 | Metabolic benefits of 1-(3-(4-(o-tolyl)piperazin-1-yl)propyl)pyrrolidin-2-one: a non-selective Î±-adrenoceptor antagonist. Journal of Endocrinological Investigation, 2018, 41, 609-619. | 1.8 | 7 |
| 46 | 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. | 1.1 | 7 |
| 47 | Effects of GPR18 Ligands on Body Weight and Metabolic Parameters in a Female Rat Model of Excessive Eating. Pharmaceuticals, 2021, 14, 270. | 1.7 | 7 |
| 48 | The GPR18 Agonist PSB-KD-107 Exerts Endothelium-Dependent Vasorelaxant Effects. Pharmaceuticals, 2021, 14, 799. | 1.7 | 7 |
| 49 | Synthesis and Pharmacological Activity of a New Series of 1â€(1Hâ€indolâ€4â€yloxy)â€3â€(2â€(2â€methoxyphenoxy)ethylamino)propanâ€2â€ol Analogs. Archiv Der Pharmazie, 2016, 349, 211-223. | 2.2 | 6 |
| 50 | MH-76, a Novel Non-Quinazoline Î±1-Adrenoceptor Antagonist, but Not Prazosin Reduces Inflammation and Improves Insulin Signaling in Adipose Tissue of Fructose-Fed Rats. Pharmaceuticals, 2021, 14, 477. | 1.7 | 6 |
| 51 | Metabolic benefits of novel histamine H3 receptor ligands in the model of excessive eating: The importance of intrinsic activity and pharmacokinetic properties. Biomedicine and Pharmacotherapy, 2021, 142, 111952. | 2.5 | 6 |
| 52 | The effect of nitroglycerin tolerance on oxidative stress and anaerobic sulfur metabolism in rat tissues. Fundamental and Clinical Pharmacology, 2010, 24, 47-53. | 1.0 | 5 |
| 53 | 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. | 1.3 | 5 |
| 54 | 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. | 2.9 | 5 |

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|---|---|---|---|
| 55 | Hydroalcoholic Leaf Extract of Isatis tinctoria L. via Antioxidative and Anti-Inflammatory Effects Reduces Stress-Induced Behavioral and Cellular Disorders in Mice. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-18. | 1.9 | 5 |
| 56 | Can Lipoic Acid Attenuate Cardiovascular Disturbances Induced by Ethanol and Disulfiram Administration Separately or Jointly in Rats?. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10. | 1.9 | 4 |
| 57 | Antiarrhythmic and Î±â€Adrenoceptor Antagonistic Properties of Novel Arylpiperazine Derivatives of Pyrrolidinâ€2â€one. Archiv Der Pharmazie, 2015, 348, 861-867. | 2.1 | 3 |
| 58 | Arylsulfonamide derivatives of (aryloxy)ethyl pyrrolidines and piperidines as Î± 1 -adrenergic receptor antagonist with uro-selective activity. Bioorganic and Medicinal Chemistry, 2016, 24, 5582-5591. | 1.4 | 3 |
| 59 | Discovery of Potential, Dual-Active Histamine H3 Receptor Ligands with Combined Antioxidant Properties. Molecules, 2021, 26, 2300. | 1.7 | 3 |
| 60 | 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. | 2.5 | 3 |
| 61 | Histamine H3 Receptor Ligandsâ€"KSK-59 and KSK-73â€"Reduce Body Weight Gain in a Rat Model of Excessive Eating. Pharmaceuticals, 2021, 14, 1080. | 1.7 | 3 |
| 62 | Is the mechanism of nitroglycerin tolerance associated with aldehyde dehydrogenase activity? A contribution to the ongoing discussion. Acta Biochimica Polonica, 2019, 66, 627-632. | 0.3 | 3 |
| 63 | KSK-74: Dual Histamine H3 and Sigma-2 Receptor Ligand with Anti-Obesity Potential. International Journal of Molecular Sciences, 2022, 23, 7011. | 1.8 | 3 |
| 64 | 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. | 1.5 | 2 |
| 65 | Synthesis and Pharmacological Evaluation of Novel Silodosin-Based Arylsulfonamide Derivatives as Î±1A/Î±1D-Adrenergic Receptor Antagonist with Potential Uroselective Profile. Molecules, 2018, 23, 2175. | 1.7 | 2 |
| 66 | Yohimbine improves lipid and carbohydrate profiles without reduction in body weight in obese leptin-deficient ob/ob mice. Journal of Pre-Clinical and Clinical Research, 2018, 12, 67-71. | 0.2 | 2 |
| 67 | Guanabenzâ€"an old drug with a potential to decrease obesity. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 963-974. | 1.4 | 2 |
| 68 | 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, 0-0. | 0.1 | 1 |
| 69 | Antiarrhythmic activity in occlusionâ€reperfusion model of 1â€(1Hâ€indolâ€4â€yloxy)â€3â€[2â€(2â€methoxyphenoxy)ethyl]amino} propanâ€2â€ol and its enantiomers. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 81-87. | 0.0 | 0 |
| 70 | Title is missing!. , 2020, 15, e0229806. | | 0 |
| 71 | Title is missing!. , 2020, 15, e0229806. | | 0 |
| 72 | Title is missing!. , 2020, 15, e0229806. | | 0 |

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| 73 | Title is missing!. , 2020, 15, e0229806. | | 0 |