

Karolina Pytka

List of Publications by Citations

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48
papers

799
citations

15
h-index

26
g-index

56
ext. papers

998
ext. citations

4.4
avg, IF

4.08
L-index

#	Paper	IF	Citations
48	Serotonin receptors in depression and anxiety: Insights from animal studies. <i>Life Sciences</i> , 2018 , 210, 106-124	6.8	82
47	Essential elements in depression and anxiety. Part I. <i>Pharmacological Reports</i> , 2014 , 66, 534-44	3.9	80
46	Essential elements in depression and anxiety. Part II. <i>Pharmacological Reports</i> , 2015 , 67, 187-94	3.9	55
45	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2016 , 68, 263-74	3.9	53
44	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, 326-35	2.9	39
43	The role of glutamatergic, GABA-ergic, and cholinergic receptors in depression and antidepressant-like effect. <i>Pharmacological Reports</i> , 2016 , 68, 443-50	3.9	38
42	Synthesis and preliminary evaluation of pharmacological properties of some piperazine derivatives of xanthone. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 514-22	3.4	34
41	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT _{1A} and 5-HT _{1B} Antagonists in Animal Models. <i>PLoS ONE</i> , 2015 , 10, e0142499	3.7	31
40	Synthesis and evaluation of pharmacological properties of some new xanthone derivatives with piperazine moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 4419-23	2.9	29
39	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, 160-5	3.9	24
38	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. <i>European Journal of Pharmacology</i> , 2015 , 764, 537-546	5.3	19
37	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	3.7	19
36	Novel 3-(1,2,3,6-Tetrahydropyridin-4-yl)-1H-indole-Based Multifunctional Ligands with Antipsychotic-Like, Mood-Modulating, and Pro-cognitive Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7483-7501	8.3	18
35	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. <i>Metabolic Brain Disease</i> , 2016 , 31, 1023-9	3.9	18
34	The role of melatonin, neurokinin, neurotrophic tyrosine kinase and glucocorticoid receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2017 , 69, 546-554	3.9	15
33	Single Administration of HBK-15-a Triple 5-HT _{1A} , 5-HT _{1B} , and 5-HT _{2A} Receptor Antagonist-Reverses Depressive-Like Behaviors in Mouse Model of Depression Induced by Corticosterone. <i>Molecular Neurobiology</i> , 2018 , 55, 3931-3945	6.2	14
32	Novel Aryloxyethyl Derivatives of 1-(1-Benzoylpiperidin-4-yl)methanamine as the Extracellular Regulated Kinases 1/2 (ERK1/2) Phosphorylation-Preferring Serotonin 5-HT Receptor-Biased Agonists with Robust Antidepressant-like Activity. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2750-2771	8.3	14

31	Cardiovascular activity of the chiral xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 6714-24	3.4	14
30	Antidepressant-like activity of aroxyalkyl derivatives of 2-methoxyphenylpiperazine and evidence for the involvement of serotonin receptor subtypes in their mechanism of action. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 141, 28-41	3.9	14
29	HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. <i>Behavioural Brain Research</i> , 2017 , 333, 54-66	3.4	14
28	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, 286-91	2.5	14
27	HBK-7 - A new xanthone derivative and a 5-HT _{1A} receptor antagonist with antidepressant-like properties. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 146-147, 35-43	3.9	13
26	Metabolic and Cardiovascular Benefits and Risks of EMD386088-A 5-HT Receptor Partial Agonist and Dopamine Transporter Inhibitor. <i>Frontiers in Neuroscience</i> , 2017 , 11, 50	5.1	12
25	HBK-17, a 5-HT Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates β Arrestin Signaling. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1146	5.6	11
24	Antiarrhythmic, hypotensive and α -adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. <i>European Journal of Pharmacology</i> , 2014 , 735, 10-6	5.3	10
23	HBK-14 and HBK-15 with antidepressant-like and/or memory-enhancing properties increase serotonin levels in the hippocampus after chronic treatment in mice. <i>Metabolic Brain Disease</i> , 2017 , 32, 547-556	3.9	10
22	Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A receptors in mice. <i>Pharmacological Reports</i> , 2016 , 68, 1285-1292	3.9	9
21	HBK-14 and HBK-15, triple 5-HT _{1A} , 5-HT _{2A} and 5-HT _{2C} antagonists with potent antidepressant- and anxiolytic-like properties, increase seizure threshold in various seizure tests in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 378-385	5.5	9
20	Chemically Homogenous Compounds with Antagonistic Properties at All α -Adrenoceptor Subtypes but not α -Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. <i>Frontiers in Pharmacology</i> , 2016 , 7, 229	5.6	9
19	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. <i>Pharmacological Reports</i> , 2015 , 67, 1163-7	3.9	8
18	Biased agonism in drug discovery: Is there a future for biased 5-HT receptor agonists in the treatment of neuropsychiatric diseases?. <i>Pharmacology & Therapeutics</i> , 2021 , 227, 107872	13.9	8
17	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with α -adrenolytic properties. <i>Pharmacological Reports</i> , 2015 , 67, 267-74	3.9	7
16	Discovery of Novel pERK1/2- or β Arrestin-Preferring 5-HT Receptor-Biased Agonists: Diversified Therapeutic-like versus Side Effect Profile. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 10946-10971	8.3	6
15	Design, synthesis and anticonvulsant-analgesic activity of new -[(phenoxy)alkyl]- and -[(phenoxy)ethoxyethyl]aminoalkanols. <i>MedChemComm</i> , 2017 , 8, 220-238	5	5
14	Design, synthesis and evaluation of activity and pharmacokinetic profile of new derivatives of xanthone and piperazine in the central nervous system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 126679	2.9	5

13	Synthesis and activity of di- or trisubstituted N-(phenoxyalkyl)- or N-{2-[2-(phenoxy)ethoxy]ethyl}piperazine derivatives on the central nervous system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2039-2049	2.9	5
12	Antihistaminic activity of carane derivatives in isolated guinea pig ileum. <i>Pharmacological Reports</i> , 2009 , 61, 1211-5	3.9	5
11	HBK-14 and HBK-15 Do Not Influence Blood Pressure, Lipid Profile, Glucose Level, or Liver Enzymes Activity after Chronic Treatment in Rats. <i>PLoS ONE</i> , 2016 , 11, e0165495	3.7	5
10	The Calcium/Calmodulin-Dependent Kinases II and IV as Therapeutic Targets in Neurodegenerative and Neuropsychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
9	The selective 5-HT receptor biased agonists, F15599 and F13714, show antidepressant-like properties after a single administration in the mouse model of unpredictable chronic mild stress. <i>Psychopharmacology</i> , 2021 , 238, 2249-2260	4.7	5
8	Synthesis of N-(phenoxyalkyl)-, N-{2-[2-(phenoxy)ethoxy]ethyl}- or N-(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. <i>ChemistrySelect</i> , 2019 , 4, 9381-9391	1.8	2
7	Multifunctional 6-fluoro-3-[3-(pyrrolidin-1-yl)propyl]-1,2-benzoxazoles targeting behavioral and psychological symptoms of dementia (BPSD). <i>European Journal of Medicinal Chemistry</i> , 2020 , 191, 112149	6.8	2
6	Mitogen-activated protein kinase phosphatase-2 deletion modifies ventral tegmental area function and connectivity and alters reward processing. <i>European Journal of Neuroscience</i> , 2020 , 52, 2838-2852	3.5	2
5	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	3.9	1
4	Revisiting the sigma-1 receptor as a biological target to treat affective and cognitive disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 132, 1114-1114	9	1
3	The antidepressant-like activity of chiral xanthone derivatives may be mediated by 5-HT1A receptor and β arrestin signalling. <i>Journal of Psychopharmacology</i> , 2020 , 34, 1431-1442	4.6	1
2	Scopolamine hydrobromide is indeed a proper memory impairments inductor in mice. <i>European Neuropsychopharmacology</i> , 2017 , 27, S668-S669	1.2	
1	Protease-activated receptor 2 activation induces behavioural changes associated with depression-like behaviour through microglial-independent modulation of inflammatory cytokines. <i>Psychopharmacology</i> , 2021 , 239, 229	4.7	