

Karolina Pytka

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1021760/karolina-pytka-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
47	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
46	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
45	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
44	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	
43	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
42	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
41	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
40	The antidepressant-like activity of chiral xanthone derivatives may be mediated by 5-HT _{1A} receptor and β -arrestin signalling. <i>Journal of Psychopharmacology</i> , 2020 , 34, 1431-1442	4.6	1
39	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
38	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
37	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
36	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
35	Single Administration of HBK-15-a Triple 5-HT _{1A} , 5-HT _{2A} , and 5-HT _{2C} 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
34	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
33	Serotonin receptors in depression and anxiety: Insights from animal studies. <i>Life Sciences</i> , 2018 , 210, 106-124	6.8	82
32	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

31	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
30	Design, synthesis and anticonvulsant-analgesic activity of new -[(phenoxy)alkyl]- and -[(phenoxy)ethoxyethyl]aminoalkanols. <i>MedChemComm</i> , 2017 , 8, 220-238	5	5
29	Novel 3-(1,2,3,6-Tetrahydropyridin-4-yl)-1H-indole-Based Multifunctional Ligands with Antipsychotic-Like, Mood-Modulating, and Procognitive Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7483-7501	8.3	18
28	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
27	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
26	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
25	Scopolamine hydrobromide is indeed a proper memory impairments inductor in mice. <i>European Neuropsychopharmacology</i> , 2017 , 27, S668-S669	1.2	
24	Metabolic and Cardiovascular Benefits and Risks of EMD386088-A 5-HT _{2A} Receptor Partial Agonist and Dopamine Transporter Inhibitor. <i>Frontiers in Neuroscience</i> , 2017 , 11, 50	5.1	12
23	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2016 , 68, 263-74	3.9	53
22	Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A _{2A} receptors in mice. <i>Pharmacological Reports</i> , 2016 , 68, 1285-1292	3.9	9
21	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
20	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
19	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
18	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
17	Chemically Homogenous Compounds with Antagonistic Properties at All β -Adrenoceptor Subtypes but not β -Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. <i>Frontiers in Pharmacology</i> , 2016 , 7, 229	5.6	9
16	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
15	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
14	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. <i>Pharmacological Reports</i> , 2015 , 67, 1163-7	3.9	8

13	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
12	Cardiovascular activity of the chiral xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 6714-24	3.4	14
11	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with β -adrenolytic properties. <i>Pharmacological Reports</i> , 2015 , 67, 267-74	3.9	7
10	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
9	Essential elements in depression and anxiety. Part II. <i>Pharmacological Reports</i> , 2015 , 67, 187-94	3.9	55
8	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
7	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
6	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
5	Essential elements in depression and anxiety. Part I. <i>Pharmacological Reports</i> , 2014 , 66, 534-44	3.9	80
4	Antiarrhythmic, hypotensive and β -adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. <i>European Journal of Pharmacology</i> , 2014 , 735, 10-6	5.3	10
3	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
2	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
1	Antihistaminic activity of carane derivatives in isolated guinea pig ileum. <i>Pharmacological Reports</i> , 2009 , 61, 1211-5	3.9	5