

Dorota AÅ^{1/4}ewska

List of Publications by Year in descending order

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65
papers

1,205
citations

331670

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h-index

454955

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66
all docs

66
docs citations

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times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Molecular Insight into Piperazine and Piperidine Derivatives as Histamine H ₃ and Sigma-1 Receptor Antagonists with Promising Antinociceptive Properties. ACS Chemical Neuroscience, 2022, 13, 1-15.	3.5	17
2	Chalcones as Potential Ligands for the Treatment of Parkinson's Disease. Pharmaceuticals, 2022, 15, 847.	3.8	9
3	Eosinophils adhesion assay as a tool for phenotypic drug screening - The pharmacology of 1,3,5-triazine and 1H-indole like derivatives against the human histamine H ₄ receptor. European Journal of Pharmacology, 2021, 890, 173611.	3.5	5
4	Ameliorating effects of histamine H ₃ receptor antagonist E177 on acute pentylenetetrazole-induced memory impairments in rats. Behavioural Brain Research, 2021, 405, 113193.	2.2	2
5	Biphenylalkoxyamine Derivatives as Histamine H ₃ Receptor Ligands with Butyrylcholinesterase Inhibitory Activity. Molecules, 2021, 26, 3580.	3.8	3
6	Cyanobiphenyls: Novel H ₃ receptor ligands with cholinesterase and MAO B inhibitory activity as multitarget compounds for potential treatment of Alzheimer's disease. Bioorganic Chemistry, 2021, 114, 105129.	4.1	8
7	Search for new multi-target compounds against Alzheimer's disease among histamine H ₃ receptor ligands. European Journal of Medicinal Chemistry, 2020, 185, 111785.	5.5	27
8	Rational design of new multitarget histamine H ₃ receptor ligands as potential candidates for treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2020, 207, 112743.	5.5	17
9	Simultaneous Blockade of Histamine H ₃ Receptors and Inhibition of Acetylcholine Esterase Alleviate Autistic-Like Behaviors in BTBR T+ ^{tf/J} Mouse Model of Autism. Biomolecules, 2020, 10, 1251.	4.0	22
10	Dual Target Ligands with 4-tert-Butylphenoxy Scaffold as Histamine H ₃ Receptor Antagonists and Monoamine Oxidase B Inhibitors. International Journal of Molecular Sciences, 2020, 21, 3411.	4.1	10
11	The Dual-Active Histamine H ₃ Receptor Antagonist and Acetylcholine Esterase Inhibitor E100 Alleviates Autistic-Like Behaviors and Oxidative Stress in Valproic Acid Induced Autism in Mice. International Journal of Molecular Sciences, 2020, 21, 3996.	4.1	25
12	Antagonism of Histamine H ₃ receptors Alleviates Pentylenetetrazole-Induced Kindling and Associated Memory Deficits by Mitigating Oxidative Stress, Central Neurotransmitters, and c-Fos Protein Expression in Rats. Molecules, 2020, 25, 1575.	3.8	21
13	In silico and in vitro studies on interaction of novel non-imidazole histamine H ₃ R antagonists with CYP3A4. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127147.	2.2	3
14	The dual-active histamine H ₃ receptor antagonist and acetylcholine esterase inhibitor E100 ameliorates stereotyped repetitive behavior and neuroinflammation in sodium valproate induced autism in mice. Chemico-Biological Interactions, 2019, 312, 108775.	4.0	44
15	The Search for Histamine H ₄ Receptor Ligands with Anticancer Activity among Novel (Thio)urea Derivatives. ChemistrySelect, 2019, 4, 10943-10952.	1.5	4
16	Synthesis and computer-aided SAR studies for derivatives of phenoxyalkyl-1,3,5-triazine as the new potent ligands for serotonin receptors 5-HT ₆ . European Journal of Medicinal Chemistry, 2019, 178, 740-751.	5.5	18
17	Role of Histamine H ₃ Receptor Antagonists on Intraocular Pressure Reduction in Rabbit Models of Transient Ocular Hypertension and Glaucoma. International Journal of Molecular Sciences, 2019, 20, 981.	4.1	16
18	Histamine H ₃ receptor antagonist E177 attenuates amnesia induced by dizocilpine without modulation of anxiety-like behaviors in rats. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 531-542.	2.2	14

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19	Alkyl derivatives of 1,3,5-triazine as histamine H4 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1254-1262.	3.0	10
20	The Neuroprotective Effects of Histamine H3 Receptor Antagonist E177 on Pilocarpine-Induced Status Epilepticus in Rats. <i>Molecules</i> , 2019, 24, 4106.	3.8	12
21	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. <i>Molecules</i> , 2019, 24, 4472.	3.8	18
22	Synthesis and computer-aided analysis of the role of linker for novel ligands of the 5-HT6 serotonin receptor among substituted 1,3,5-triazinylpiperazines. <i>Bioorganic Chemistry</i> , 2019, 84, 319-325.	4.1	13
23	Determination of in vitro metabolism of new non-imidazole histamine H3 receptor antagonist 1-[3-(4-tert-butylphenoxy)propyl]piperidine. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 877-884.	0.1	0
24	Antinociceptive effects of novel histamine H ₃ and H ₄ receptor antagonists and their influence on morphine analgesia of neuropathic pain in the mouse. <i>British Journal of Pharmacology</i> , 2018, 175, 2897-2910.	5.4	36
25	Novel naphthoxy derivatives – Potent histamine H3 receptor ligands. Synthesis and pharmacological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2573-2585.	3.0	24
26	Progress in the development of histamine H ₃ receptor antagonists/inverse agonists: a patent review (2013-2017). <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 175-196.	5.0	27
27	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. <i>Molecules</i> , 2018, 23, 2529.	3.8	18
28	Studies on Anticonvulsant Effects of Novel Histamine H3R Antagonists in Electrically and Chemically Induced Seizures in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3386.	4.1	18
29	4-tert-Pentylphenoxyalkyl derivatives – Histamine H3 receptor ligands and monoamine oxidase B inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3596-3600.	2.2	13
30	The histamine H3R antagonist DL77 attenuates autistic behaviors in a prenatal valproic acid-induced mouse model of autism. <i>Scientific Reports</i> , 2018, 8, 13077.	3.3	58
31	Structure-activity relationships of imidazothiazinones and analogs as antagonists of the cannabinoid-activated orphan G protein-coupled receptor GPR18. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 381-397.	5.5	22
32	The Histamine H3 Receptor Antagonist DL77 Ameliorates MK801-Induced Memory Deficits in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 42.	2.8	25
33	Anticonvulsant evaluation of novel non-imidazole histamine H3R antagonists in different convulsion models in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 170, 14-24.	2.9	8
34	The computer-aided discovery of novel family of the 5-HT6 serotonin receptor ligands among derivatives of 4-benzyl-1,3,5-triazine. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 117-124.	5.5	33
35	Synthesis and biological activity of novel tert -amylphenoxyalkyl (homo)piperidine derivatives as histamine H ₃ R ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2701-2712.	3.0	13
36	Biphenyloxy-alkyl-piperidine and azepane derivatives as histamine H3 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5341-5354.	3.0	16

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37	Aryl-1,3,5-triazine ligands of histamine H4 receptor attenuate inflammatory and nociceptive response to carrageen, zymosan and lipopolysaccharide. <i>Inflammation Research</i> , 2017, 66, 79-95.	4.0	26
38	The Histamine H3 Receptor Antagonist E159 Reverses Memory Deficits Induced by Dizocilpine in Passive Avoidance and Novel Object Recognition Paradigm in Rats. <i>Frontiers in Pharmacology</i> , 2017, 8, 709.	3.5	27
39	The Synthesis of 1,3,5-triazine Derivatives and JNJ777120 Analogues with Histamine H ₄ Receptor Affinity and Their Interaction with <i>PTEN</i> Promoter. <i>Chemical Biology and Drug Design</i> , 2016, 88, 254-263.	3.2	10
40	Cholinesterase inhibitory activity of chlorophenoxy derivatives of Histamine H3 receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4140-4145.	2.2	20
41	Chlorophenoxy aminoalkyl derivatives as histamine H3R ligands and antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 53-72.	3.0	28
42	Anticonvulsant and procognitive properties of the non-imidazole histamine H3 receptor antagonist DL77 in male adult rats. <i>Neuropharmacology</i> , 2016, 106, 46-55.	4.1	57
43	Histamine H3R Antagonists: From Scaffold Hopping to Clinical Candidates. <i>Receptors</i> , 2016, , 109-155.	0.2	14
44	Monocyclic and Fused Azines and Azoles as Histamine H4 Receptor Ligands. <i>Current Medicinal Chemistry</i> , 2016, 23, 1870-1925.	2.4	5
45	The novel non-imidazole histamine H3 receptor antagonist DL77 reduces voluntary alcohol intake and ethanol-induced conditioned place preference in mice. <i>Physiology and Behavior</i> , 2015, 151, 189-197.	2.1	18
46	Pharmacokinetics and tissue distribution of the new non-imidazole histamine H3 receptor antagonist 1-[3-(4-tert-butylphenoxy)propyl]piperidine in rats. <i>Xenobiotica</i> , 2015, 45, 912-920.	1.1	3
47	(2-Arylethenyl)-1,3,5-triazin-2-amines as a novel histamine H4 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 238-251.	5.5	24
48	Anticonvulsive effect of nonimidazole histamine H3 receptor antagonists. <i>Behavioural Pharmacology</i> , 2014, 25, 245-252.	1.7	31
49	New developments around histamine H ₃ receptor antagonists/inverse agonists: a patent review (2010 – present). <i>Expert Opinion on Therapeutic Patents</i> , 2014, 24, 89-111.	5.0	40
50	Aryl-1,3,5-triazine derivatives as histamine H4 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 534-546.	5.5	46
51	Cunninghamella as a Microbiological Model for Metabolism of Histamine H3 Receptor Antagonist 1-[3-(4-tert-Butylphenoxy)propyl]piperidine. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1584-1593.	2.9	13
52	Azines as histamine H4 receptor antagonists. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 967-987.	2.1	19
53	Dual-Acting Diether Derivatives of Piperidine and Homopiperidine with Histamine H ₃ Receptor Antagonistic and Anticholinesterase Activity. <i>Archiv Der Pharmazie</i> , 2012, 345, 591-597.	4.1	25
54	Binding of 1-[3-(4-tert-butyl-phenoxy)propyl]piperidine, a new non imidazole histamine H3 receptor antagonist to bovine serum albumin. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 1043-7.	0.1	4

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55	LC-MS/MS Method for the Analysis of New Non-Imidazole Histamine H3 Receptor Antagonist 1-[3-(4-tert-Butylphenoxy)propyl]piperidine in Rat Serum Application to Pharmacokinetic Studies. Chromatographia, 2011, 73, 913-919.	1.3	6
56	Convenient way of synthesis and crystal structure of 1-[(5-chloro-1H-indol-2-yl)carbonyl]-4-methylpiperazine, a histamine H4 receptor antagonist. Heterocyclic Communications, 2011, 17, .	1.2	0
57	Search for histamine H4 receptor ligands in the group of 4-methylpiperazino amide derivatives. Inflammation Research, 2010, 59, 243-245.	4.0	1
58	Recent advances in histamine H ₃ receptor antagonists/inverse agonists. Expert Opinion on Therapeutic Patents, 2010, 20, 1147-1169.	5.0	51
59	Diether (substituted) piperidine derivatives as novel, histamine H3 receptor ligands. Inflammation Research, 2009, 58, 47-48.	4.0	0
60	Histamine H3 and H4 receptor affinity of branched 3-(1H-imidazol-4-yl)propyl N-alkylcarbamates. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6682-6685.	2.2	17
61	Diether derivatives of homo- or substituted piperidines as non-imidazole histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry, 2009, 17, 3037-3042.	3.0	11
62	Piperidine variations in search for non-imidazole histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry, 2008, 16, 8729-8736.	3.0	16
63	The lipophilicity estimation of 5-arylidene derivatives of (2-thio)hydantoin with antimycobacterial activity. Biomedical Chromatography, 2007, 21, 291-298.	1.7	10
64	Ether derivatives of 3-piperidinopropan-1-ol as non-imidazole histamine H3 receptor antagonists. Bioorganic and Medicinal Chemistry, 2006, 14, 3522-3529.	3.0	35
65	Imidazo[2,1-b]thiazoles, imidazo[2,1-b]imidazoles and Pyrrolo[1,2-c]imidazoles. synthesis, structure and evaluation of benzodiazepine receptor binding. Journal of Heterocyclic Chemistry, 2002, 39, 243-253.	2.6	19