Holger Stark

List of Publications by Year
in descending order

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351	11,323	38742	48315
papers	citations	50 h-index	88 g-index

391	391	391	9585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International Union of Basic and Clinical Pharmacology. XCVIII. Histamine Receptors. Pharmacological Reviews, 2015, 67, 601-655.	16.0	457
2	High constitutive activity of native H3 receptors regulates histamine neurons in brain. Nature, 2000, 408, 860-864.	27.8	449
3	Attenuation of levodopa-induced dyskinesia by normalizing dopamine D3 receptor function. Nature Medicine, 2003, 9, 762-767.	30.7	370
4	Polypharmacology by Design: A Medicinal Chemistâ€™s Perspective on Multitargeting Compounds. Journal of Medicinal Chemistry, 2019, 62, 420-444.	6.4	314
5	BF2.649 [1-{3-[3-(4-Chlorophenyl)propoxy]propyl}piperidine, Hydrochloride], a Nonimidazole Inverse Agonist/Antagonist at the Human Histamine H3 Receptor: Preclinical Pharmacology. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 365-375.	2.5	231
6	Identification of Dopamine D1â€“D3 Receptor Heteromers. Journal of Biological Chemistry, 2008, 283, 26016-26025.	3.4	216
7	Histamine H4 Receptor Stimulation Suppresses IL-12p70 Production and Mediates Chemotaxis in Human Monocyte-Derived Dendritic Cells. Journal of Immunology, 2005, 174, 5224-5232.	0.8	210
8	The histamine H4 receptor is functionally expressed on TH2 cells. Journal of Allergy and Clinical Immunology, 2009, 123, 619-625.	2.9	199
9	DOGS: Reaction-Driven de novo Design of Bioactive Compounds. PLoS Computational Biology, 2012, 8, e1002380.	3.2	193
10	Neurochemical and behavioral effects of ciproxifan, a potent histamine H3-receptor antagonist. Journal of Pharmacology and Experimental Therapeutics, 1998, 287, 658-66.	2.5	191
11	Histamine H3 Receptor Antagonists Go to Clinics. Biological and Pharmaceutical Bulletin, 2008, 31, 2163-2181.	1.4	183
12	Effects of intracerebroventricularly infused histamine and selective H1, H2 and H3 agonists on food and water intake and urine flow in Wistar rats. Brain Research, 1998, 793, 279-288.	2.2	140
13	Distinct pharmacology of rat and human histamine H3 receptors: role of two amino acids in the third transmembrane domain. British Journal of Pharmacology, 2000, 131, 1247-1250.	5.4	140
14	Protean agonism at histamine H3 receptors in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11086-11091.	7.1	136
15	Histamine H₃and H₄receptors as novel drug targets. Expert Opinion on Investigational Drugs, 2009, 18, 1519-1531.	4.1	130
16	Pharmacological Analysis Demonstrates Dramatic Alteration of D₁Dopamine Receptor Neuronal Distribution in the Rat Analog of l-DOPA-Induced Dyskinesia. Journal of Neuroscience, 2009, 29, 4829-4835.	3.6	128
17	Histamine H₄ receptor antagonism reduces haptenâ€induced scratching behaviour but not inflammation. Experimental Dermatology, 2009, 18, 57-63.	2.9	125
18	Histamine H3 receptor as a potential target for cognitive symptoms in neuropsychiatric diseases. Behavioural Brain Research, 2016, 312, 415-430.	2.2	124

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19	Histamine H1, H3 and H4 receptors are involved in pruritus. Neuroscience, 2011, 190, 89-102.	2.3	122
20	Histamine downregulates monocyte CCL2 production through the histamine H4 receptor. Journal of Allergy and Clinical Immunology, 2007, 120, 300-307.	2.9	115
21	Pathogenesis of levodopa-induced dyskinesia: focus on D1 and D3 dopamine receptors. Parkinsonism and Related Disorders, 2005, 11, S25-S29.	2.2	113
22	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	12.8	113
23	Influence of imidazole replacement in different structural classes of histamine H3-receptor antagonists. European Journal of Pharmaceutical Sciences, 2001, 13, 249-259.	4.0	103
24	[125I]iodoproxyfan, a new antagonist to label and visualize cerebral histamine H3 receptors. Journal of Pharmacology and Experimental Therapeutics, 1994, 271, 452-9.	2.5	103
25	N-(ï‰-(4-(2-Methoxyphenyl)piperazin-1-yl)alkyl)carboxamides as Dopamine D2and D3Receptor Ligands. Journal of Medicinal Chemistry, 2003, 46, 3883-3899.	6.4	100
26	Dopamine D3 Receptor Ligands Block Nicotine-Induced Conditioned Place Preferences through a Mechanism that does not Involve Discriminative-Stimulus or Antidepressant-Like Effects. Neuropsychopharmacology, 2005, 30, 720-730.	5.4	100
27	Human Inflammatory Dendritic Epidermal Cells Express a Functional Histamine H4 Receptor. Journal of Investigative Dermatology, 2008, 128, 1696-1703.	0.7	96
28	Development of Novel 1,2,3,4-Tetrahydroisoquinoline Derivatives and Closely Related Compounds as Potent and Selective Dopamine D3 Receptor Ligands. ChemBioChem, 2004, 5, 508-518.	2.6	85
29	Histamine H₄ receptors modulate dendritic cell migration through skin â€“ immunomodulatory role of histamine. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1387-1394.	5.7	85
30	MultitargetâEDirected Ligands Combining Cholinesterase and Monoamine Oxidase Inhibition with Histamine H₃R Antagonism for Neurodegenerative Diseases. Angewandte Chemie - International Edition, 2017, 56, 12765-12769.	13.8	83
31	Dopamine D3 Receptor Ligands with Antagonist Properties. ChemBioChem, 2002, 3, 946-961.	2.6	74
32	Activation of Rac-1 and RhoA Contributes to Podocyte Injury in Chronic Kidney Disease. PLoS ONE, 2013, 8, e80328.	2.5	74
33	Generation of a homology model of the human histamine H3 receptor for ligand docking and pharmacophore-based screening. Journal of Computer-Aided Molecular Design, 2007, 21, 437-453.	2.9	68
34	[125I]Iodoproxyfan and Related Compounds:Â A Reversible Radioligand and Novel Classes of Antagonists with High Affinity and Selectivity for the Histamine H3Receptorâ€. Journal of Medicinal Chemistry, 1996, 39, 1220-1226.	6.4	67
35	Development of a New Class of Nonimidazole Histamine H3 Receptor Ligands with Combined Inhibitory Histamine N-Methyltransferase Activity. Journal of Medicinal Chemistry, 2002, 45, 1128-1141.	6.4	67
36	Microdialysate analysis of monoamine neurotransmittersâ€”A versatile and sensitive LCâ€“MS/MS method. Analytica Chimica Acta, 2013, 771, 65-72.	5.4	67

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37	Improvement by FUB 181, a novel histamine H3-receptor antagonist, of learning and memory in the elevated plus-maze test in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 357, 508-513.	3.0	66
38	Dopamine D3 Receptor Antagonists as Potential Therapeutics for the Treatment of Neurological Diseases. Frontiers in Neuroscience, 2016, 10, 451.	2.8	66
39	Cherry-picked ligands at histamine receptor subtypes. Neuropharmacology, 2016, 106, 56-73.	4.1	66
40	Novel Carbamates as Potent Histamine H3Receptor Antagonists with Highin Vitroand Oralin VivoActivityâ€‚âŠ¥. Journal of Medicinal Chemistry, 1996, 39, 1157-1163.	6.4	63
41	Recent advances in histamine H3/H4receptor ligands. Expert Opinion on Therapeutic Patents, 2003, 13, 851-865.	5.0	63
42	2,4-Diaminopyrimidines as histamine H4 receptor ligandsâ€”Scaffold optimization and pharmacological characterization. Bioorganic and Medicinal Chemistry, 2009, 17, 7186-7196.	3.0	63
43	Medicinal Chemical and Pharmacological Aspects of Imidazole-Containing Histamine H3 Receptor Antagonists. Mini-Reviews in Medicinal Chemistry, 2004, 4, 965-977.	2.4	61
44	Receptor-specific functional efficacies of alkyl imidazoles as dual histamine H3/H4 receptor ligands. European Journal of Pharmacology, 2011, 654, 200-208.	3.5	59
45	Histamine receptor subtypes a century of rational drug design. Frontiers in Bioscience - Scholar, 2012, S4, 461-488.	2.1	58
46	Polypharmacology of dopamine receptor ligands. Progress in Neurobiology, 2016, 142, 68-103.	5.7	57
47	Murine and human Langerhans cells express a functional histamine H₄ receptor: modulation of cell migration and function. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 840-849.	5.7	56
48	Predicting Compound Selectivity by Self-Organizing Maps: Cross-Activities of Metabotropic Glutamate Receptor Antagonists. ChemMedChem, 2006, 1, 1066-1068.	3.2	54
49	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. Neuropsychopharmacology, 2014, 39, 2017-2028.	5.4	52
50	Histamine H4 receptor activation alleviates neuropathic pain through differential regulation of ERK, JNK, and P38 MAPK phosphorylation. Pain, 2015, 156, 2492-2504.	4.2	52
51	Different antagonist binding properties of human and rat histamine H3 receptors. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 951-954.	2.2	51
52	Novel Histamine H3-Receptor Antagonists with Carbonyl-Substituted 4-(3-(Phenoxy)propyl)-1H-imidazole Structures like Ciproxifan and Related Compounds. Journal of Medicinal Chemistry, 2000, 43, 3987-3994.	6.4	49
53	Non-imidazole histamine H3 receptor ligands incorporating antiepileptic moieties. European Journal of Medicinal Chemistry, 2014, 77, 269-279.	5.5	49
54	Ceramide synthesis regulates T cell activity and GVHD development. JCI Insight, 2017, 2, .	5.0	49

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55	Potential utility of histamine H3 receptor antagonist pharmacophore in antipsychotics. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 538-542.	2.2	48
56	Histamine H3 receptor antagonists/inverse agonists: Where do they go?. , 2019, 200, 69-84.		48
57	Novel histamine H₃ receptor antagonists: affinities in an H₃ receptor binding assay and potencies in two functional H₃ receptor models. British Journal of Pharmacology, 1994, 112, 1043-1048.	5.4	47
58	Progress in the proxifan class: heterocyclic congeners as novel potent and selective histamine H3-receptor antagonists. European Journal of Pharmaceutical Sciences, 2002, 15, 367-378.	4.0	47
59	Highly Potent Fluorescence-Tagged Nonimidazole Histamine H3 Receptor Ligands. ChemMedChem, 2007, 2, 708-716.	3.2	46
60	SAR-study on a new class of imidazo[1,2-a]pyridine-based inhibitors of 5-lipoxygenase. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1969-1975.	2.2	46
61	Aryl-1,3,5-triazine derivatives as histamine H4 receptor ligands. European Journal of Medicinal Chemistry, 2014, 83, 534-546.	5.5	46
62	Bioavailability, antinociceptive and antiinflammatory properties of BP 2-94, a histamine H3 receptor agonist prodrug. Journal of Pharmacology and Experimental Therapeutics, 1997, 281, 1085-94.	2.5	46
63	Synthesis, X-ray Crystallography, and Pharmacokinetics of Novel Azomethine Prodrugs of (R)-.alpha.-Methylhistamine: Highly Potent and Selective Histamine H3 Receptor Agonists. Journal of Medicinal Chemistry, 1995, 38, 4070-4079.	6.4	45
64	Inhibitors of specific ceramide synthases. Biochimie, 2012, 94, 558-565.	2.6	44
65	The dual-active histamine H3 receptor antagonist and acetylcholine esterase inhibitor E100 ameliorates stereotyped repetitive behavior and neuroinflammmation in sodium valproate induced autism in mice. Chemico-Biological Interactions, 2019, 312, 108775.	4.0	44
66	The histamine H4 receptor: Targeting inflammatory disorders. European Journal of Pharmacology, 2011, 668, 1-5.	3.5	43
67	6 The Histamine H3 Receptor and its Ligands. Progress in Medicinal Chemistry, 2001, 38, 279-308.	10.4	41
68	Novel indanone derivatives as MAO B/H3R dual-targeting ligands for treatment of Parkinsonâ€™s disease. European Journal of Medicinal Chemistry, 2018, 148, 487-497.	5.5	41
69	Refined Docking as a Valuable Tool for Lead Optimization: Application to Histamine H₃ Receptor Antagonists. Archiv Der Pharmazie, 2008, 341, 610-623.	4.1	40
70	Brain-Derived Neurotrophic Factor And The Plasticity Of The Mesolimbic Dopamine Pathway. International Review of Neurobiology, 2004, 59, 425-444.	2.0	39
71	Traumatic brain injury results in mast cell increase and changes in regulation of central histamine receptors. Neuropathology and Applied Neurobiology, 2005, 31, 150-162.	3.2	39
72	Lack of preventing effect of systemically and topically administered histamine H₁ or H₄ receptor antagonists in a dog model of acute atopic dermatitis. Experimental Dermatology, 2011, 20, 577-581.	2.9	39

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73	Multiple Targeting Approaches on Histamine H3 Receptor Antagonists. Frontiers in Neuroscience, 2016, 10, 201.	2.8	39
74	Anxiolytic and antidepressant-like activities of the novel and potent non-imidazole histamine H3 receptor antagonist ST-1283. Drug Design, Development and Therapy, 2014, 8, 627.	4.3	38
75	Design, synthesis and evaluation of 2-aminothiazole derivatives as sphingosine kinase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5354-5367.	3.0	37
76	Homology Model Adjustment and Ligand Screening with a Pseudoreceptor of the Human Histamine H₄ Receptor. ChemMedChem, 2009, 4, 820-827.	3.2	36
77	Antinociceptive effects of novel histamine H₃ and H₄ receptor antagonists and their influence on morphine analgesia of neuropathic pain in the mouse. British Journal of Pharmacology, 2018, 175, 2897-2910.	5.4	36
78	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
79	Novel Nonimidazole Histamine H3 Receptor Antagonists:â€‰ 1-(4-(Phenoxymethyl)benzyl)piperidines and Related Compounds. Journal of Medicinal Chemistry, 2003, 46, 1523-1530.	6.4	34
80	Selenazolyl-hydrazones as Novel Selective MAO Inhibitors With Antiproliferative and Antioxidant Activities: Experimental and In-silico Studies. Frontiers in Chemistry, 2018, 6, 247.	3.6	34
81	Exploring the Chemical Space of Multitarget Ligands Using Aligned Self-Organizing Maps. ACS Medicinal Chemistry Letters, 2013, 4, 1169-1172.	2.8	33
82	Potencies of antagonists chemically related to iodoproxyfan at histamine H3 receptors in mouse brain cortex and guinea-pig ileum: evidence for H3 receptor heterogeneity?. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 353, 482-8.	3.0	32
83	Kojic Acid Derivatives as Histamine H3 Receptor Ligands. Chemical and Pharmaceutical Bulletin, 2010, 58, 1353-1361.	1.3	31
84	Influence of the novel histamine H3 receptor antagonist ST1283 on voluntary alcohol consumption and ethanol-induced place preference in mice. Psychopharmacology, 2013, 228, 85-95.	3.1	31
85	Anticonvulsive effect of nonimidazole histamine H3 receptor antagonists. Behavioural Pharmacology, 2014, 25, 245-252.	1.7	31
86	Isoquinoline alkaloids from the roots of Zanthoxylum rigidum as multi-target inhibitors of cholinesterase, monoamine oxidase A and Aî²1-42 aggregation. Bioorganic Chemistry, 2020, 98, 103722.	4.1	31
87	Therapeutic implications of constitutive activity of receptors: the example of the histamine H3 receptor. Journal of Neural Transmission Supplementum, 2003, , 1-16.	0.5	31
88	Novel Chalcone-Based Fluorescent Human Histamine H3 Receptor Ligands as Pharmacological Tools. Frontiers in Systems Neuroscience, 2012, 6, 14.	2.5	30
89	Ca2+-sensing Receptor Cleavage by Calpain Partially Accounts for Altered Vascular Reactivity in Mice Fed a High-fat Diet. Journal of Cardiovascular Pharmacology, 2013, 61, 528-535.	1.9	30
90	Experimental Models for the Discovery of Novel Anticonvulsant Drugs: Focus on Pentylenetetrazole-Induced Seizures and Associated Memory Deficits. Current Pharmaceutical Design, 2020, 26, 1693-1711.	1.9	30

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91	Novel Partial Agonists for the Histamine H3 Receptor with High in Vitro and in Vivo Activity. Journal of Medicinal Chemistry, 1999, 42, 4269-4274.	6.4	29
92	New Histamine H3-Receptor Ligands of the Proxifan Series:â€‰ Imoproxifan and Other Selective Antagonists with High Oral in Vivo Potency. Journal of Medicinal Chemistry, 2000, 43, 3335-3343.	6.4	29
93	From Virtual to Real Screening for D3 Dopamine Receptor Ligands. ChemBioChem, 2005, 6, 997-999.	2.6	29
94	A Class of 5-Benzylidene-2-phenylthiazolinones with High Potency as Direct 5-Lipoxygenase Inhibitors. Journal of Medicinal Chemistry, 2011, 54, 1943-1947.	6.4	29
95	Procognitive Properties of Drugs with Single and Multitargeting H₃ Receptor Antagonist Activities. CNS Neuroscience and Therapeutics, 2014, 20, 613-623.	3.9	29
96	Multi-dimensional target profiling of N,4-diaryl-1,3-thiazole-2-amines as potent inhibitors of eicosanoid metabolism. European Journal of Medicinal Chemistry, 2014, 84, 302-311.	5.5	29
97	Binding kinetics of cariprazine and aripiprazole at the dopamine D3 receptor. Scientific Reports, 2018, 8, 12509.	3.3	29
98	Ciproxifan and chemically related compounds are highly potent and selective histamine H3-receptor antagonists. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 623-627.	3.0	28
99	Imidazole derivatives as a novel class of hybrid compounds with inhibitory histamine N-methyltransferase potencies and histamine hH3 receptor affinities. Bioorganic and Medicinal Chemistry, 2003, 11, 2163-2174.	3.0	28
100	Fluorinated non-imidazole histamine H3 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2172-2175.	2.2	28
101	Human basophil chemotaxis and activation are regulated via the histamine H4 receptor. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1264-1273.	5.7	28
102	Chlorophenoxy aminoalkyl derivatives as histamine H3R ligands and antiseizure agents. Bioorganic and Medicinal Chemistry, 2016, 24, 53-72.	3.0	28
103	Anti-inflammatory and antinociceptive properties of BP 2-94, a histamine H(3)-receptor agonist prodrug. Journal of Pharmacology and Experimental Therapeutics, 2000, 295, 219-25.	2.5	28
104	Azomethine Prodrugs of (R)-alpha-Methylhistamine, a Highly Potent and Selective Histamine H3-Receptor Agonist. Current Medicinal Chemistry, 2001, 8, 1329-1340.	2.4	27
105	Fluorescent non-imidazole histamine H3 receptor ligands with nanomolar affinities. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1938-1940.	2.2	27
106	Argyreia nervosa (Burm. f.): Receptor profiling of lysergic acid amide and other potential psychedelic LSD-like compounds by computational and binding assay approaches. Journal of Ethnopharmacology, 2013, 148, 492-497.	4.1	27
107	Structural modification of resveratrol leads to increased anti-tumor activity, but causes profound changes in the mode of action. Toxicology and Applied Pharmacology, 2015, 287, 67-76.	2.8	27
108	Ciproxifan, a histamine H3 receptor antagonist, reversibly inhibits monoamine oxidase A and B. Scientific Reports, 2017, 7, 40541.	3.3	27

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109	Search for new multi-target compounds against Alzheimerâ€™s disease among histamine H3 receptor ligands. European Journal of Medicinal Chemistry, 2020, 185, 111785.	5.5	27
110	Multiple enzyme inhibitions by histamine H3 receptor antagonists as potential procognitive agents. Die Pharmazie, 2006, 61, 179-82.	0.5	27
111	Development of FUB 181, a Selective Histamine H3-Receptor Antagonist of High Oralin Vivo Potency with 4-(?gv-(Arylalkyloxy)alkyl)-1H-imidazole Structure. Archiv Der Pharmazie, 1998, 331, 211-218.	4.1	26
112	Development of ChiralN-Alkylcarbamates as New Leads for Potent and Selective H3-Receptor Antagonists:Â Synthesis, Capillary Electrophoresis, and in Vitro and Oral in Vivo Activityâ€. Journal of Medicinal Chemistry, 1999, 42, 593-600.	6.4	26
113	From Molecular Shape to Potent Bioactive Agents II: Fragmentâ€Based deâ€...novo Design. ChemMedChem, 2009, 4, 45-48.	3.2	26
114	FTY720 and two novel butterfly derivatives exert a general anti-inflammatory potential by reducing immune cell adhesion to endothelial cells through activation of S1P3 and phosphoinositide 3-kinase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 1283-1292.	3.0	26
115	4-Alkynylphenyl Imidazolylpropyl Ethers as Selective Histamine H3-Receptor Antagonists with High Oral Central Nervous System Activity. Journal of Medicinal Chemistry, 1998, 41, 4171-4176.	6.4	25
116	From a Multipotent Stilbene to Soluble Epoxide Hydrolase Inhibitors with Antiproliferative Properties. ChemMedChem, 2013, 8, 919-923.	3.2	25
117	Scaffold variations in amine warhead of histamine H3 receptor antagonists. Drug Discovery Today: Technologies, 2013, 10, e483-e489.	4.0	25
118	Profiling of histamine <scp>H</scp>₄ receptor agonists in native human monocytes. British Journal of Pharmacology, 2013, 170, 136-143.	5.4	25
119	Non-imidazole-based histamine H3 receptor antagonists with anticonvulsant activity in different seizure models in male adult rats. Drug Design, Development and Therapy, 2016, Volume 10, 3879-3898.	4.3	25
120	Histamine H₃ receptor ligands by hybrid virtual screening, docking, molecular dynamics simulations, and investigation of their biological effects. Chemical Biology and Drug Design, 2019, 93, 832-843.	3.2	25
121	The Dual-Active Histamine H3 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
122	Unsymmetrically substituted guanidines as potent histamine H3-receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 2907-2912.	2.2	24
123	Luciferase Reporter Gene Assay on Human, Murine and Rat Histamine H4 Receptor Orthologs: Correlations and Discrepancies between Distal and Proximal Readouts. PLoS ONE, 2013, 8, e73961.	2.5	24
124	Molecular Mechanism of Regulation of the Atypical Protein Kinase C by N-terminal Domains and an Allosteric Small Compound. Chemistry and Biology, 2014, 21, 754-765.	6.0	24
125	Novel oxazolo-oxazole derivatives of FTY720 reduce endothelial cell permeability, immune cell chemotaxis and symptoms of experimental autoimmune encephalomyelitis in mice. Neuropharmacology, 2014, 85, 314-327.	4.1	24
126	(2-Arylethenyl)-1,3,5-triazin-2-amines as a novel histamine H4 receptor ligands. European Journal of Medicinal Chemistry, 2015, 103, 238-251.	5.5	24

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127	Introducing Students to NMR Methods Using Low-Field ¹H NMR Spectroscopy to Determine the Structure and the Identity of Natural Amino Acids. Journal of Chemical Education, 2017, 94, 115-120.	2.3	24
128	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.	5.5	24
129	Novel naphthyloxy derivatives â€“ Potent histamine H3 receptor ligands. Synthesis and pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2018, 26, 2573-2585.	3.0	24
130	Cognitive Improvements in Children with Prader-Willi Syndrome Following Pitolisant Treatmentâ€"Patient Reports. Journal of Pediatric Pharmacology and Therapeutics, 2019, 24, 166-171.	0.5	24
131	TRPV1 and TRPA1 Channels Are Both Involved Downstream of Histamine-Induced Itch. Biomolecules, 2021, 11, 1166.	4.0	24
132	Allergic inflammation is augmented via histamine H4 receptor activation: The role of natural killer cells in vitro and in vivo. Journal of Dermatological Science, 2016, 83, 106-115.	1.9	23
133	Increased Remyelination and Proregenerative Microglia Under Siponimod Therapy in Mechanistic Models. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	23
134	Acidic elements in histamine H3 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1581-1584.	2.2	22
135	Bodilisantâ€"A Novel Fluorescent, Highly Affine Histamine H₃ Receptor Ligand. ACS Medicinal Chemistry Letters, 2013, 4, 269-273.	2.8	22
136	Prevention of Bleomycin-Induced Lung Inflammation and Fibrosis in Mice by Naproxen and JNJ7777120 Treatment. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 308-316.	2.5	22
137	Stimulation of the histamine 4 receptor upregulates thymic stromal lymphopoietin (TSLP) in human and murine keratinocytes. Pharmacological Research, 2016, 113, 209-215.	7.1	22
138	Simultaneous Blockade of Histamine H3 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
139	Demonstrating Ligandability of the LC3A and LC3B Adapter Interface. Journal of Medicinal Chemistry, 2021, 64, 3720-3746.	6.4	22
140	Histamine receptor subtypes: a century of rational drug design. Frontiers in Bioscience - Scholar, 2012, S4, 461.	2.1	21
141	Cellular analysis of the histamine H4 receptor in human myeloid cells. Biochemical Pharmacology, 2016, 103, 74-84.	4.4	21
142	Development of novel aminothiazole-comprising 5-LO inhibitors. Future Medicinal Chemistry, 2016, 8, 149-164.	2.3	21
143	Reversible Small Molecule Inhibitors of MAO A and MAO B with Anilide Motifs . Drug Design, Development and Therapy, 2020, Volume 14, 371-393.	4.3	21
144	Identification of the dopamine autoreceptor in the guinea-pig retina as D2 receptor using novel subtype-selective antagonists. British Journal of Pharmacology, 2001, 133, 1243-1248.	5.4	20

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145	Influence of Bulky Substituents on Histamine H3Receptor Agonist/Antagonist Propertiesâ€. Journal of Medicinal Chemistry, 2002, 45, 4000-4010.	6.4	20
146	Hybrid approach for the design of highly affine and selective dopamine D3 receptor ligands using privileged scaffolds of biogenic amine GPCR ligands. Bioorganic and Medicinal Chemistry, 2007, 15, 7258-7273.	3.0	20
147	First Metal-Containing Histamine H₃ Receptor Ligands. Organic Letters, 2010, 12, 2578-2581.	4.6	20
148	N-Alkenyl and cycloalkyl carbamates as dual acting histamine H3 and H4 receptor ligands. Bioorganic and Medicinal Chemistry, 2011, 19, 2850-2858.	3.0	20
149	Polymorphisms and genetic linkage of histamine receptors. Life Sciences, 2013, 93, 487-494.	4.3	20
150	Anticonvulsant effects of isomeric nonimidazole histamine H₃ receptor antagonists. Drug Design, Development and Therapy, 2016, Volume 10, 3633-3651.	4.3	20
151	Sphingosine kinase 2 deficient mice exhibit reduced experimental autoimmune encephalomyelitis: Resistance to FTY720 but not ST-968 treatments. Neuropharmacology, 2016, 105, 341-350.	4.1	20
152	Role of histamine H 4 receptor ligands in bleomycin-induced pulmonary fibrosis. Pharmacological Research, 2016, 111, 740-748.	7.1	20
153	Acylated and alkylated histamine derivatives as new histamine H3-receptor antagonists. European Journal of Medicinal Chemistry, 1994, 29, 695-700.	5.5	19
154	Diphenylmethyl ethers: synthesis and histamine H3-receptor antagonist in vitro and in vivo activity. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2013-2018.	2.2	19
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