

# The role of histamine H1 and H4 receptors in allergic inflammation antihistamines

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Expression, purification, crystallization and preliminary X-ray studies of histamine dehydrogenase from <i>Nocardioides simplex</i> . Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 785-787.	0.7	3
2	Immune Regulation by Histamine H4 Receptors in Skin. Journal of Investigative Dermatology, 2008, 128, 1615-1616.	0.3	13
3	Evidence for the role of neurogenic inflammation components in trypsin-elicited scratching behaviour in mice. British Journal of Pharmacology, 2008, 154, 1094-1103.	2.7	82
4	Histamine H <sub>4</sub> receptors modulate dendritic cell migration through skin – immunomodulatory role of histamine. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1387-1394.	2.7	85
5	Hydroxyzine and cetirizine pharmacokinetics and pharmacodynamics after oral and intravenous administration of hydroxyzine to healthy dogs. Veterinary Dermatology, 2008, 19, 348-357.	0.4	38
6	Association of the Histamine N-Methyltransferase C314T (Thr105Ile) Polymorphism with Atopic Dermatitis in Caucasian Children. Pharmacotherapy, 2008, 28, 1495-1501.	1.2	28
7	Cloning and pharmacological characterization of the dog histamine H4 receptor. European Journal of Pharmacology, 2008, 592, 26-32.	1.7	29
8	Histamine-Induced Itch and its Relationship with Pain. Molecular Pain, 2008, 4, 1744-8069-4-29.	1.0	147
9	Rotationally Constrained 2,4-Diamino-5,6-disubstituted Pyrimidines: A New Class of Histamine H <sub>4</sub> Receptor Antagonists with Improved Druglikeness and in Vivo Efficacy in Pain and Inflammation Models. Journal of Medicinal Chemistry, 2008, 51, 6547-6557.	2.9	82
10	Structure-Activity Studies on a Series of a 2-Aminopyrimidine-Containing Histamine H <sub>4</sub> Receptor Ligands. Journal of Medicinal Chemistry, 2008, 51, 6571-6580.	2.9	63
11	Regulatory Effects of Histamine and Histamine Receptor Expression in Human Allergic Immune Responses. Chemical Immunology and Allergy, 2008, 94, 67-82.	1.7	36
12	Phenylalanine 169 in the Second Extracellular Loop of the Human Histamine H <sub>4</sub> Receptor Is Responsible for the Difference in Agonist Binding between Human and Mouse H <sub>4</sub> Receptors. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 88-96.	1.3	50
13	In vivo switch to IL-10-secreting T regulatory cells in high dose allergen exposure. Journal of Experimental Medicine, 2008, 205, 2887-2898.	4.2	431
14	Comparative study of histamine H4 receptor expression in human dermal fibroblasts. Journal of Toxicological Sciences, 2008, 33, 503-508.	0.7	30
16	Near-Infrared Imaging of Injured Tissue in Living Subjects Using IR-820. Molecular Imaging, 2009, 8, 7290.2009.00005.	0.7	30
17	Ebastine in the light of CONGA recommendations for the development of third-generation antihistamines. Journal of Asthma and Allergy, 2009, 2, 73.	1.5	9
18	Pharmacological characterization of oxime agonists of the histamine H4 receptor. Journal of Receptor, Ligand and Channel Research, 0, , 37.	0.7	7
19	Molecular modeling and QSAR-based design of histamine receptor ligands. Expert Opinion on Drug Discovery, 2009, 4, 1061-1075.	2.5	3

#	ARTICLE	IF	CITATIONS
20	The protective effect of <i>Tinospora cordifolia</i> on various mast cell mediated allergic reactions. <i>Pharmaceutical Biology</i> , 2009, 47, 1096-1106.	1.3	10
21	The Protective Effects of Ultraviolet A1 Irradiation on Spontaneous Lupus Erythematosus-Like Skin Lesions in MRL/lpr Mice. <i>Clinical and Developmental Immunology</i> , 2009, 2009, 1-9.	3.3	13
22	Acute regulation of tight junction ion selectivity in human airway epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3591-3596.	3.3	62
23	Single-dose desloratadine and montelukast and allergen-induced late airway responses. <i>European Respiratory Journal</i> , 2009, 33, 1302-1308.	3.1	42
24	Interactions of Histamine H <sub>1</sub> -Receptor Agonists and Antagonists with the Human Histamine H <sub>4</sub> -Receptor. <i>Molecular Pharmacology</i> , 2009, 76, 1019-1030.	1.0	51
25	A neurotransmitter system that regulates macrophage pro-inflammatory functions. <i>Journal of Neuroimmunology</i> , 2009, 216, 20-31.	1.1	26
26	Major advances in the development of histamine H <sub>4</sub> receptor ligands. <i>Drug Discovery Today</i> , 2009, 14, 745-753.	3.2	56
27	Localization of histamine H <sub>4</sub> receptors in the central nervous system of human and rat. <i>Brain Research</i> , 2009, 1250, 41-48.	1.1	171
28	Role of histamine H <sub>4</sub> receptor in allergic conjunctivitis in mice. <i>European Journal of Pharmacology</i> , 2009, 608, 71-75.	1.7	29
29	Tritium-labeled [ <sup>3</sup> H]N <sup>1</sup> -(1- <i>H</i> -imidazol-4-yl)propyl]-N <sup>2</sup> -propionylguanidine ([ <sup>3</sup> H]UR-PI294), a High-Affinity Histamine H <sub>3</sub> and H <sub>4</sub> Receptor Radioligand. <i>ChemMedChem</i> , 2009, 4, 225-231.	1.6	35
31	Immune tolerance in allergy. <i>Current Opinion in Immunology</i> , 2009, 21, 700-707.	2.4	65
32	Evidence for the contribution of tumour necrosis factor in oedema formation induced by histamine in the hind paw of the rat. <i>Inflammation Research</i> , 2009, 58, 437-440.	1.6	7
33	A selective H <sub>4</sub> R antagonist prevents antigen-induced asthma-like reaction and airway inflammation in guinea pigs. <i>Inflammation Research</i> , 2009, 58, 9-10.	1.6	28
34	Histamine, histamine receptors and their role in immune pathology. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1786-1800.	1.4	269
35	A common variant on chromosome 11q13 is associated with atopic dermatitis. <i>Nature Genetics</i> , 2009, 41, 596-601.	9.4	297
36	Therapeutic manipulation of immune tolerance in allergic disease. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 645-660.	21.5	169
37	Inhibition of Histamine-Induced Bronchoconstriction in Guinea Pig and Swine by Pulsed Electrical Vagus Nerve Stimulation. <i>Neuromodulation</i> , 2009, 12, 261-269.	0.4	12
38	Histamine: metabolism, physiology, and pathophysiology with applications in veterinary medicine. <i>Journal of Veterinary Emergency and Critical Care</i> , 2009, 19, 311-328.	0.4	29

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39	The role of histamine H <sub>4</sub> receptor in immune and inflammatory disorders. <i>British Journal of Pharmacology</i> , 2009, 157, 24-33.	2.7	261
40	Structural features of mammalian histidine decarboxylase reveal the basis for specific inhibition. <i>British Journal of Pharmacology</i> , 2009, 157, 4-13.	2.7	34
41	<i>In vitro</i> and <i>in vivo</i> characterization of Aâ€940894: a potent histamine H <sub>4</sub> receptor antagonist with anti-inflammatory properties. <i>British Journal of Pharmacology</i> , 2009, 157, 44-54.	2.7	43
42	Molecular and biochemical pharmacology of the histamine H <sub>4</sub> receptor. <i>British Journal of Pharmacology</i> , 2009, 157, 14-23.	2.7	140
43	Clobenpropit analogs as dual activity ligands for the histamine H <sub>3</sub> and H <sub>4</sub> receptors: Synthesis, pharmacological evaluation, and cross-target QSAR studies. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3987-3994.	1.4	30
44	Histamine H <sub>4</sub> receptor ligands and their potential therapeutic applications. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 119-135.	2.4	22
45	JNJ-10181457, a selective non-imidazole histamine H <sub>3</sub> receptor antagonist, normalizes acetylcholine neurotransmission and has efficacy in translational rat models of cognition. <i>Neuropharmacology</i> , 2009, 56, 1131-1137.	2.0	52
46	Effect of histamine H <sub>4</sub> receptor antagonist on allergic rhinitis in mice. <i>International Immunopharmacology</i> , 2009, 9, 734-738.	1.7	51
47	Histamine H <sub>3</sub> and H <sub>4</sub> receptors as novel drug targets. <i>Expert Opinion on Investigational Drugs</i> , 2009, 18, 1519-1531.	1.9	130
48	The histamine H <sub>4</sub> receptor is functionally expressed on TH2 cells. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 619-625.	1.5	199
49	Histamine pharmacogenomics. <i>Pharmacogenomics</i> , 2009, 10, 867-883.	0.6	67
50	NG-Acylated Imidazolylpropylguanidines as Potent Histamine H <sub>4</sub> Receptor Agonists: Selectivity by Variation of the NG-Substituent. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2623-2627.	2.9	48
51	Allergic Rhinitis and Inflammatory Airway Disease: Interactions within the Unified Airspace. <i>American Journal of Rhinology and Allergy</i> , 2010, 24, 249-254.	1.0	82
52	Molecular biology of histidine decarboxylase and prostaglandin receptors. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 848-866.	1.6	31
54	One Hundred Years of Histamine Research. <i>Advances in Experimental Medicine and Biology</i> , 2010, 709, 1-9.	0.8	5
55	Molecular Pharmacology of the Four Histamine Receptors. <i>Advances in Experimental Medicine and Biology</i> , 2010, 709, 11-19.	0.8	22
56	Histamine in Allergic Rhinitis. <i>Advances in Experimental Medicine and Biology</i> , 2010, 709, 33-41.	0.8	16
57	The Future Antihistamines: Histamine H <sub>3</sub> and H <sub>4</sub> Receptor Ligands. <i>Advances in Experimental Medicine and Biology</i> , 2010, 709, 125-140.	0.8	18

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58	Search for histamine H4 receptor ligands in the group of 4-methylpiperazino amide derivatives. <i>Inflammation Research</i> , 2010, 59, 243-245.	1.6	1
59	Exploring polyamine regulation by nascent histamine in a human-transfected cell model. <i>Amino Acids</i> , 2010, 38, 561-573.	1.2	13
60	H4 receptor antagonism exhibits anti-nociceptive effects in inflammatory and neuropathic pain models in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 41-50.	1.3	84
61	Histamine H4 receptor antagonism diminishes existing airway inflammation and dysfunction via modulation of Th2 cytokines. <i>Respiratory Research</i> , 2010, 11, 86.	1.4	79
62	Phenyl-oxazoles, a New Family of Inverse Agonists at the H <sub>3</sub> Histamine Receptor. <i>ChemMedChem</i> , 2010, 5, 206-212.	1.6	14
63	Rigidified 2-aminopyrimidines as histamine H4 receptor antagonists: Effects of substitution about the rigidifying ring. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1900-1904.	1.0	23
64	Identification and hit-to-lead exploration of a novel series of histamine H4 receptor inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2516-2519.	1.0	23
65	Discovery of substituted benzyl tetrazoles as histamine H3 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5165-5169.	1.0	8
66	Histamine H4 receptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7191-7199.	1.0	27
67	Chronic pruritus " pathogenesis, clinical aspects and treatment. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2010, 24, 1249-1260.	1.3	62
69	New insights into the pathophysiology and treatment of chronic itch in patients with end-stage renal disease, chronic liver disease, and lymphoma. <i>International Journal of Dermatology</i> , 2010, 49, 1-11.	0.5	71
70	Structural Requirements for Inverse Agonism and Neutral Antagonism of Indole-, Benzimidazole-, and Thienopyrrole-Derived Histamine H <sub>4</sub> Receptor Ligands. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 513-521.	1.3	30
71	Molecular Determinants of Ligand Binding to H <sub>4</sub> R Species Variants. <i>Molecular Pharmacology</i> , 2010, 77, 734-743.	1.0	54
72	Histamine H1 Receptor Promotes Atherosclerotic Lesion Formation by Increasing Vascular Permeability for Low-Density Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 923-930.	1.1	67
73	Up-Regulation of Histamine H <sub>4</sub> Receptors Contributes to Splenic Apoptosis in Septic Mice: Counteraction of the Antiapoptotic Action of Nuclear Factor- $\kappa$ B. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 730-737.	1.3	24
74	Crystal Structure of Histamine Dehydrogenase from <i>Nocardioides</i> simplex. <i>Journal of Biological Chemistry</i> , 2010, 285, 25782-25791.	1.6	16
75	Does the Histamine H <sub>4</sub> Receptor Have a Pro- or Anti-Inflammatory Role in Murine Bronchial Asthma?. <i>Pharmacology</i> , 2010, 85, 217-223.	0.9	40
76	Synthesis and QSAR of Quinazoline Sulfonamides As Highly Potent Human Histamine H <sub>4</sub> Receptor Inverse Agonists. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2390-2400.	2.9	113

#	ARTICLE	IF	CITATIONS
77	What targeting eosinophils has taught us about their role in diseases. Journal of Allergy and Clinical Immunology, 2010, 126, 16-25.	1.5	99
78	Regulation of Mammalian Histamine Synthesis: Histidine Decarboxylase. , 2010, , 15-30.		3
79	Biological and Pharmacological Aspects of Histamine Receptors and Their Ligands. , 2010, , 61-100.		2
80	Effects of Histamine on Lymphocytes. , 2010, , 151-174.		0
81	Histamine Aspects in Acid Peptic Diseases and Cell Proliferation. , 2010, , 175-198.		0
82	Histamine: Role in Pathogenesis of Autoimmune, Allergic, Inflammatory and Malignant Diseases. , 2010, , 201-226.		0
83	Biological Characteristics of Histamine Receptors in Airways Disease Management. , 2010, , 227-243.		0
84	Dose-dependent effect of histamine on antibody generation in vivo. Asian Pacific Journal of Tropical Medicine, 2010, 3, 112-116.	0.4	8
85	Effects of histamine H1R&H4R agonist on the airway epithelium of rabbits. Asian Pacific Journal of Tropical Medicine, 2010, 3, 367-370.	0.4	5
86	In vivo immunomodulatory profile of histamine receptors (H1, H2, H3 and H4): a comparative antagonists study. Asian Pacific Journal of Tropical Medicine, 2010, 3, 465-470.	0.4	3
87	Histamine potentiates acid-induced responses mediating transient receptor potential V1 in mouse primary sensory neurons. Neuroscience, 2010, 166, 292-304.	1.1	83
88	The multiple pathways for itch and their interactions with pain. Trends in Neurosciences, 2010, 33, 550-558.	4.2	222
89	The expanding role of H<sub>1</sub>antihistamines: a patent survey of selective and dual activity compounds 2005 â€“ 2010. Expert Opinion on Therapeutic Patents, 2010, 20, 1197-1218.	2.4	11
90	The Histamine H4 Receptor Mediates Inflammation and Pruritus in Th2-Dependent Dermal Inflammation. Journal of Investigative Dermatology, 2010, 130, 1023-1033.	0.3	158
91	Modulation of in vivo immunoglobulin production by endogenous histamine and H1R and H2R agonists and antagonists. Pharmacological Reports, 2010, 62, 917-925.	1.5	11
92	Inhibitory Effects of Paeonia suffruticosa on Allergic Reactions by Inhibiting the NF-kappaB/IkappaB-alpha Signaling Pathway and Phosphorylation of ERK in an Animal Model and Human Mast Cells. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1152-1156.	0.6	22
93	Recent advances in pathophysiological mechanisms of itch. Expert Review of Dermatology, 2010, 5, 197-212.	0.3	17
94	Atypical Antipsychotic-Induced Weight Gain. CNS Drugs, 2011, 25, 1035-1059.	2.7	142

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95	Histamine and antihistamines. <i>Anaesthesia and Intensive Care Medicine</i> , 2011, 12, 324-329.	0.1	22
97	Molecular Determinants of Ligand Binding Modes in the Histamine H <sub>4</sub> Receptor: Linking Ligand-Based Three-Dimensional Quantitative Structure-Activity Relationship (3D-QSAR) Models to in Silico Guided Receptor Mutagenesis Studies. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8136-8147.	2.9	50
98	Lung Gene Expression in a Rhesus Allergic Asthma Model Correlates with Physiologic Parameters of Disease and Exhibits Common and Distinct Pathways with Human Asthma and a Mouse Asthma Model. <i>American Journal of Pathology</i> , 2011, 179, 1667-1680.	1.9	14
99	Triazole Ligands Reveal Distinct Molecular Features That Induce Histamine H <sub>4</sub> Receptor Affinity and Subtly Govern H <sub>4</sub> /H <sub>3</sub> Subtype Selectivity. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1693-1703.	2.9	39
100	TLR-induced activation of neutrophils promotes histamine production via a PI3 kinase dependent mechanism. <i>Immunology Letters</i> , 2011, 141, 102-108.	1.1	33
101	Pruritus: Management Algorithms and Experimental Therapies. <i>Seminars in Cutaneous Medicine and Surgery</i> , 2011, 30, 127-137.	1.6	54
102	Role of Spinal Neurotransmitter Receptors in Itch: New Insights into Therapies and Drug Development. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 742-749.	1.9	59
103	Histamine Pharmacology and New CNS Drug Targets. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 620-628.	1.9	95
104	Evaluation of alcaftadine 0.25% ophthalmic solution in acute allergic conjunctivitis at 15 minutes and 16 hours after instillation versus placebo and olopatadine 0.1%. <i>Clinical Ophthalmology</i> , 2011, 5, 87.	0.9	41
105	Pathogenetic and therapeutic implications of the histamine H <sub>4</sub> receptor in inflammatory skin diseases and pruritus. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 985.	0.8	40
106	Targeting Cardiac Mast Cells: Pharmacological Modulation of the Local Renin-Angiotensin System. <i>Current Pharmaceutical Design</i> , 2011, 17, 3744-3752.	0.9	40
107	Histamine H <sub>4</sub> Receptor: A Novel Target for Inflammation Therapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 143-158.	1.1	11
108	Antihistaminic, Anti-Inflammatory, and Antiallergic Properties of the Nonsedating Second-Generation Antihistamine Desloratadine: a Review of the Evidence. <i>World Allergy Organization Journal</i> , 2011, 4, 47-53.	1.6	54
109	Lysosomal Membrane Permeabilization Induces Cell Death in Human Mast Cells. <i>Scandinavian Journal of Immunology</i> , 2011, 74, 354-362.	1.3	26
110	Pruritus: an overview of current concepts. <i>Veterinary Dermatology</i> , 2011, 22, 121-131.	0.4	41
111	The expression of histamine H <sub>4</sub> receptor mRNA in the skin and other tissues of normal dogs. <i>Veterinary Dermatology</i> , 2011, 22, 396-400.	0.4	7
112	Targeted treatment of pruritus: a look into the future. <i>British Journal of Dermatology</i> , 2011, 165, 5-17.	1.4	86
113	Lack of preventing effect of systemically and topically administered histamine H <sub>1</sub> or H <sub>4</sub> receptor antagonists in a dog model of acute atopic dermatitis. <i>Experimental Dermatology</i> , 2011, 20, 577-581.	1.4	39

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114	Histamine H4 receptor antagonism inhibits allergen-specific T-cell responses mediated by human dendritic cells. <i>European Journal of Pharmacology</i> , 2011, 651, 197-204.	1.7	20
115	Receptor-specific functional efficacies of alkyl imidazoles as dual histamine H3/H4 receptor ligands. <i>European Journal of Pharmacology</i> , 2011, 654, 200-208.	1.7	59
116	Histamine H4 receptor antagonist reduces dermal inflammation and pruritus in a hapten-induced experimental model. <i>European Journal of Pharmacology</i> , 2011, 667, 383-388.	1.7	42
117	The histamine H4 receptor: Targeting inflammatory disorders. <i>European Journal of Pharmacology</i> , 2011, 668, 1-5.	1.7	43
118	Selective histamine H3 and H4 receptor agonists exert opposite effects against the gastric lesions induced by HCl in the rat stomach. <i>European Journal of Pharmacology</i> , 2011, 669, 121-127.	1.7	10
119	Discovery of a series of potent and selective human H4 antagonists using ligand efficiency and libraries to explore structure-activity relationship (SAR). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6591-6595.	1.0	6
120	Mepyramine-JNJ7777120-hybrid compounds show high affinity to hH1R, but low affinity to hH4R. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6274-6280.	1.0	9
121	Histamine H <sub>3</sub> Receptor as a Drug Discovery Target. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 26-53.	2.9	130
122	Efficacy of Second-Generation Antihistamines in Patients with Allergic Rhinitis and Comorbid Asthma. <i>Journal of Asthma</i> , 2011, 48, 965-973.	0.9	29
123	Targeting the Histamine H <sub>4</sub> Receptor. <i>Chemical Reviews</i> , 2011, 111, 7121-7156.	23.0	51
124	Molecular modeling and QSAR studies of a set of indole and benzimidazole derivatives as H4 receptor antagonists. <i>Journal of Molecular Modeling</i> , 2011, 17, 921-928.	0.8	9
125	Systematic analysis of histamine and N-methylhistamine concentrations in organs from two common laboratory mouse strains: C57Bl/6 and Balb/c. <i>Inflammation Research</i> , 2011, 60, 1153-1159.	1.6	27
126	Expression and functional properties of canine, rat, and murine histamine H4 receptors in Sf9 insect cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 457-470.	1.4	39
127	N <sup>1</sup> -Methylated phenylhistamines exhibit affinity to the hH4R: a pharmacological and molecular modelling study. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 287-299.	1.4	14
128	Role of the second and third extracellular loops of the histamine H4 receptor in receptor activation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 301-317.	1.4	20
129	The Role of the Histamine H4 Receptor in Atopic Dermatitis. <i>Current Allergy and Asthma Reports</i> , 2011, 11, 21-28.	2.4	30
130	Antihistamines in Ocular Allergy: Are They All Created Equal?. <i>Current Allergy and Asthma Reports</i> , 2011, 11, 205-211.	2.4	25
131	Itch Signaling in the Nervous System. <i>Physiology</i> , 2011, 26, 286-292.	1.6	78



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132	Paradoxical Stimulatory Effects of the "Standard" Histamine H <sub>4</sub> -Receptor Antagonist JNJ7777120: the H <sub>4</sub> Receptor Joins the Club of 7 Transmembrane Domain Receptors Exhibiting Functional Selectivity. <i>Molecular Pharmacology</i> , 2011, 79, 631-638.	1.0	82
133	Effects of Antihistamines on Innate Immune Responses to Severe Bacterial Infection in Mice. <i>International Archives of Allergy and Immunology</i> , 2011, 155, 355-360.	0.9	17
134	Mast Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 734-740.	1.1	76
135	Gene Expression Patterns of Th2 Inflammation and Intercellular Communication in Asthmatic Airways. <i>Journal of Immunology</i> , 2011, 186, 1861-1869.	0.4	144
136	Therapeutic effects of recombinant <i>Salmonella typhimurium</i> harboring CCL22 miRNA on atopic dermatitis-like skin in mice. <i>Experimental and Molecular Medicine</i> , 2011, 43, 63.	3.2	8
137	Regulation of ERK2 phosphorylation by histamine in splenocytes. <i>Immunopharmacology and Immunotoxicology</i> , 2011, 33, 250-258.	1.1	12
138	Ophthalmic antihistamines and H1/H4 receptors. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 510-516.	1.1	32
139	Receptor cleavage and P-selectin-dependent reduction of leukocyte adhesion in the spontaneously hypertensive rat. <i>Journal of Leukocyte Biology</i> , 2012, 92, 183-194.	1.5	15
140	Histamine via the Histamine H <sub>2</sub> -Receptor Reduces Î±-CD3-Induced Interferon-Î³ Synthesis in Murine CD4 <sup>+</sup> T Cells in an Indirect Manner. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 185-190.	0.5	6
141	Histamine H4 Receptor Optimizes T Regulatory Cell Frequency and Facilitates Anti-Inflammatory Responses within the Central Nervous System. <i>Journal of Immunology</i> , 2012, 188, 541-547.	0.4	60
142	Role of Histamine and Its Receptor Subtypes in Stimulation of Conjunctival Goblet Cell Secretion. , 2012, 53, 2993.		40
143	Analysis of Multiple Histamine H <sub>4</sub> Receptor Compound Classes Uncovers GÎ± <sub>i</sub> Protein- and Î²-Arrestin2-Biased Ligands. <i>Molecular Pharmacology</i> , 2012, 82, 1174-1182.	1.0	51
144	Homology Modeling and Antagonist Binding Site Study of the Human Histamine H2 Receptor. <i>Medicinal Chemistry</i> , 2012, 8, 1084-1092.	0.7	2
145	Defining Risk Factors for Red Man Syndrome in Children and Adults. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 464-468.	1.1	44
146	Pruriceptive spinothalamic tract neurons: physiological properties and projection targets in the primate. <i>Journal of Neurophysiology</i> , 2012, 108, 1711-1723.	0.9	116
148	Neuroimmune Biology of Mast Cells. <i>Advances in Neuroimmune Biology</i> , 2012, 3, 57-72.	0.7	3
149	Advantages of histamine H4 receptor antagonist usage with H1 receptor antagonist for the treatment of murine allergic contact dermatitis. <i>Experimental Dermatology</i> , 2012, 21, 714-715.	1.4	25
150	Early suppression of basophil activation during allergen-specific immunotherapy by histamine receptor 2. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1153-1158.e2.	1.5	116

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151	Ultrasound-promoted synthesis and immunosuppressive activity of novel quinazoline derivatives. <i>Molecular Diversity</i> , 2012, 16, 579-590.	2.1	12
152	The effect of the extract of <i>Crocus sativus</i> and its constituent safranal, on lung pathology and lung inflammation of ovalbumin sensitized guinea-pigs. <i>Phytomedicine</i> , 2012, 19, 904-911.	2.3	54
153	Suppression of Inflammation by Recombinant Salmonella typhimurium Harboring CCL22 MicroRNA. <i>DNA and Cell Biology</i> , 2012, 31, 290-297.	0.9	12
154	Involvement of histamine receptors in SAPK/JNK phosphorylation. <i>International Immunopharmacology</i> , 2012, 13, 190-196.	1.7	5
155	Synthesis and antihistaminic activity of 3H-benzo [4,5] thieno [2,3-d][1,2,3] triazin-4-ones. <i>Saudi Pharmaceutical Journal</i> , 2012, 20, 45-52.	1.2	12
156	Histamine: an undercover agent in multiple rare diseases?. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1947-1960.	1.6	27
157	Voltage sensitivities and deactivation kinetics of histamine H3 and H4 receptors. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 3081-3089.	1.4	19
158	Evidence for ligand-specific conformations of the histamine H2-receptor in human eosinophils and neutrophils. <i>Biochemical Pharmacology</i> , 2012, 84, 1174-1185.	2.0	34
159	Detailed structure-activity relationship of indolecarboxamides as H4 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 660-668.	2.6	16
161	Effects of Histamine H <sub>4</sub> Receptor Ligands in a Mouse Model of Gastric Ulceration. <i>Pharmacology</i> , 2012, 89, 287-294.	0.9	9
162	Histamine and neuroinflammation: insights from murine experimental autoimmune encephalomyelitis. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 32.	1.2	27
163	Histamine receptor subtypes: a century of rational drug design. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 461.	0.8	21
164	Pruritus: still a challenge. <i>Anais Brasileiros De Dermatologia</i> , 2012, 87, 735-741.	0.5	7
165	Brief Report: First identification of H <sub>4</sub> histamine receptor in healthy salivary glands and in focal sialadenitis in Sjögren's syndrome. <i>Arthritis and Rheumatism</i> , 2012, 64, 2663-2668.	6.7	16
167	Strain-dependent effects of the histamine H <sub>4</sub> receptor antagonist JNJ7777120 in a murine model of acute skin inflammation. <i>Experimental Dermatology</i> , 2012, 21, 32-37.	1.4	28
168	INCB38579, a novel and potent histamine H4 receptor small molecule antagonist with anti-inflammatory pain and anti-pruritic functions. <i>European Journal of Pharmacology</i> , 2012, 675, 47-56.	1.7	32
169	Histamine-gated ion channels in mammals?. <i>Biochemical Pharmacology</i> , 2012, 83, 1127-1135.	2.0	17
170	Incomplete activation of human eosinophils via the histamine H4-receptor: Evidence for ligand-specific receptor conformations. <i>Biochemical Pharmacology</i> , 2012, 84, 192-203.	2.0	65

#	ARTICLE	IF	CITATIONS
171	Ligand based design of novel histamine H4 receptor antagonists; fragment optimization and analysis of binding kinetics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 461-467.	1.0	23
172	The antagonism of histamine $H_1$ and $H_4$ receptors ameliorates chronic allergic dermatitis via anti-pruritic and anti-inflammatory effects in <i>NC/Nga</i> mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1014-1022.	2.7	91
173	Increased expression of the histamine $H_4$ receptor subtype in hypertrophic differentiation of chondrogenic ATDC5 cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1054-1060.	1.2	9
174	Metabolomics applied to urine samples in childhood asthma; differentiation between asthma phenotypes and identification of relevant metabolites. <i>Biomedical Chromatography</i> , 2012, 26, 89-94.	0.8	80
175	Commercially available antibodies against human and murine histamine H4-receptor lack specificity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 125-135.	1.4	69
176	Interactions of recombinant human histamine H1, H2, H3, and H4 receptors with 34 antidepressants and antipsychotics. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 145-170.	1.4	37
177	Chemical constituents and antihistamine activity of <i>Bixa orellana</i> leaf extract. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 32.	3.7	37
178	New Twists to an Old Story: Novel Concepts in the Pathogenesis of Allergic Eye Disease. <i>Current Eye Research</i> , 2013, 38, 317-330.	0.7	39
179	An overview of the diverse roles of G-protein coupled receptors (GPCRs) in the pathophysiology of various human diseases. <i>Biotechnology Advances</i> , 2013, 31, 1676-1694.	6.0	155
180	$Fc\gamma R1$ stimulation promotes the differentiation of histamine receptor $H_4$ -expressing inflammatory macrophages. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 454-461.	2.7	25
181	A selective antagonist of histamine $H_4$ receptors prevents antigen-induced airway inflammation and bronchoconstriction in guinea pigs: involvement of lipocortin-1. <i>British Journal of Pharmacology</i> , 2013, 170, 200-213.	2.7	31
182	Molecular and cellular analysis of human histamine receptor subtypes. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 33-58.	4.0	152
183	Targeting eosinophils in allergy, inflammation and beyond. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 117-129.	21.5	391
184	A structural chemogenomics analysis of aminergic GPCRs: lessons for histamine receptor ligand design. <i>British Journal of Pharmacology</i> , 2013, 170, 101-126.	2.7	74
185	Topical application of Taglisodog-eum inhibits the development of experimental atopic dermatitis. <i>Journal of Ethnopharmacology</i> , 2013, 145, 536-546.	2.0	9
186	A proof-of-concept study of the effect of a novel H3-receptor antagonist in allergen-induced nasal congestion. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 838-846.e6.	1.5	32
187	A subset of histamine receptor ligands improve thermotolerance of the yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Applied Microbiology</i> , 2013, 114, 492-501.	1.4	4
188	The vascular permeabilizing factors histamine and serotonin induce angiogenesis through TR3/Nur77 and subsequently truncate it through thrombospondin-1. <i>Blood</i> , 2013, 121, 2154-2164.	0.6	81

#	ARTICLE	IF	CITATIONS
189	Histamine synergistically promotes bFGF-induced angiogenesis by enhancing VEGF production via H1 receptor. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1009-1019.	1.2	22
190	Overexpression of histamine H4 receptors in the kidney of diabetic rat. <i>Inflammation Research</i> , 2013, 62, 357-365.	1.6	22
191	A novel series of histamine H4 receptor antagonists based on the pyrido[3,2-d]pyrimidine scaffold: Comparison of hERG binding and target residence time with PF-3893787. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2663-2670.	1.0	23
192	Bispyrimidines as Potent Histamine H <sub>4</sub> Receptor Ligands: Delineation of Structure-Activity Relationships and Detailed H <sub>4</sub> Receptor Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4264-4276.	2.9	13
193	Expression of the histamine H4 receptor in dermal and articular tissues. <i>Life Sciences</i> , 2013, 92, 108-113.	2.0	12
194	Effect of Bisphenol A on Rat Metabolic Profiling Studied by Using Capillary Electrophoresis Time-of-Flight Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7457-7465.	4.6	61
195	The histaminergic network in the brain: basic organization and role in disease. <i>Nature Reviews Neuroscience</i> , 2013, 14, 472-487.	4.9	264
196	Variability in histamine receptor genes <i>HRH1</i> , <i>HRH2</i> and <i>HRH4</i> in patients with hypersensitivity to NSAIDs. <i>Pharmacogenomics</i> , 2013, 14, 1871-1878.	0.6	18
197	Histamine transport and metabolism are deranged in salivary glands in Sjogren's syndrome. <i>Rheumatology</i> , 2013, 52, 1599-1608.	0.9	20
198	Inhibition of Histamine H1 Receptor Activity Modulates Proinflammatory Cytokine Production of Dendritic Cells through c-Rel Activity. <i>International Archives of Allergy and Immunology</i> , 2013, 160, 265-274.	0.9	7
199	The efficacy of cetirizine hydrochloride on the pruritus of cats with atopic dermatitis: a randomized, double-blind, placebo-controlled, crossover study. <i>Veterinary Dermatology</i> , 2013, 24, 576.	0.4	10
200	Association between copy-number variations of the human histamine H4 receptor gene and atopic dermatitis in a Chinese population. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 295-301.	0.6	16
201	Antagonism of histamine H <sub>4</sub> receptors exacerbates clinical and pathological signs of experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , 2013, 170, 67-77.	2.7	32
202	Evidence-based guidelines for anti-allergic drug withdrawal times before allergen-specific intradermal and IgE serological tests in dogs. <i>Veterinary Dermatology</i> , 2013, 24, 225.	0.4	40
203	Malaria-Associated Arginine Deficiency Induces Mast Cell-Associated Disruption to Intestinal Barrier Defenses against Nontyphoidal Salmonella Bacteremia. <i>Infection and Immunity</i> , 2013, 81, 3515-3526.	1.0	69
204	Sequential Engagement of Fc $\mu$ RI on Mast Cells and Basophil Histamine H4 Receptor and Fc $\mu$ RI in Allergic Rhinitis. <i>Journal of Immunology</i> , 2013, 190, 539-548.	0.4	39
205	An Update on Peripheral Mechanisms and Treatments of Itch. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1241-1247.	0.6	51
206	Potential New Therapeutic Targets for Pathological Pruritus. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1228-1234.	0.6	14

#	ARTICLE	IF	CITATIONS
207	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.	1.1	24
208	Neuroendocrine Immunoregulation in Multiple Sclerosis. Clinical and Developmental Immunology, 2013, 2013, 1-23.	3.3	46
209	Distinct Signalling Pathways of Murine Histamine H1- and H4-Receptors Expressed at Comparable Levels in HEK293 Cells. PLoS ONE, 2014, 9, e107481.	1.1	11
210	The Histamine H <sub>4</sub> Receptor Antagonist, JNJ 39758979, Is Effective in Reducing Histamine-Induced Pruritus in a Randomized Clinical Study in Healthy Subjects. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 181-187.	1.3	82
211	The histamine H4 receptor mediates inflammation and Th17 responses in preclinical models of arthritis. Annals of the Rheumatic Diseases, 2014, 73, 600-608.	0.5	53
212	A designer cell-based histamine-specific human allergy profiler. Nature Communications, 2014, 5, 4408.	5.8	56
213	Activation of histamine H4 receptor inhibits TNF $\alpha$ /IMD-0354-induced apoptosis in human salivary NS-SV-AC cells. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1702-1711.	2.2	8
214	Gene expression analysis of histamine receptors in peripheral blood mononuclear cells from individuals with clinically-isolated syndrome and different stages of multiple sclerosis. Journal of Neuroimmunology, 2014, 277, 186-188.	1.1	7
215	Role of a histamine 4 receptor as an anti-inflammatory target in carrageenan-induced pleurisy in mice. Immunology, 2014, 142, 374-383.	2.0	20
216	Role of Histaminergic System in Blood-Brain Barrier Dysfunction Associated with Neurological Disorders. Archives of Medical Research, 2014, 45, 677-686.	1.5	23
217	Immune regulation by intralymphatic immunotherapy with modular allergen translocation <scp>MAT</scp> vaccine. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 1162-1170.	2.7	43
218	Histamine synthesis is required for granule maturation in murine mast cells. European Journal of Immunology, 2014, 44, 204-214.	1.6	36
219	Histamine Receptors and Antihistamines: From Discovery to Clinical Applications. Chemical Immunology and Allergy, 2014, 100, 214-226.	1.7	42
220	The Role of Histamine H1 and H4 Receptors in Atopic Dermatitis: From Basic Research to Clinical Study. Allergology International, 2014, 63, 533-542.	1.4	106
221	Analysis of Histamine Receptor Knockout Mice in Models of Inflammation. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 2-11.	1.3	34
222	Aminoxy analog of histamine is an efficient inhibitor of mammalian l-histidine decarboxylase: combined in silico and experimental evidence. Amino Acids, 2014, 46, 621-631.	1.2	6
223	Pharmacological profile of astemizole-derived compounds at the histamine H1 and H4 receptor $\alpha$ H1/H4 receptor selectivity. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 235-250.	1.4	10
224	Mast Cells Are Key Mediators of Cathelicidin-Initiated Skin Inflammation in Rosacea. Journal of Investigative Dermatology, 2014, 134, 2728-2736.	0.3	167

#	ARTICLE	IF	CITATIONS
225	Discovery and SAR of 6-Alkyl-2,4-diaminopyrimidines as Histamine H <sub>4</sub> Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2429-2439.	2.9	36
226	G Protein-Coupled Receptors Revisited: Therapeutic Applications Inspired by Synthetic Biology. <i>Annual Review of Pharmacology and Toxicology</i> , 2014, 54, 227-249.	4.2	23
227	The effect of pKa on pyrimidine/pyridine-derived histamine H <sub>4</sub> ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5489-5492.	1.0	2
228	A review study on analgesic applications of Iranian medicinal plants. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S43-S53.	0.4	73
229	Potential effect of the extract of <i>Zataria multiflora</i> and its constituent, carvacrol, on lung pathology, total and differential WBC, IgE and eosinophil peroxidase levels in sensitized guinea pigs. <i>Journal of Functional Foods</i> , 2014, 11, 49-61.	1.6	42
230	Stromal Interaction Molecule 1 (STIM1) and Orai1 Mediate Histamine-evoked Calcium Entry and Nuclear Factor of Activated T-cells (NFAT) Signaling in Human Umbilical Vein Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 29446-29456.	1.6	33
231	Histamine H <sub>4</sub> Receptor Antagonists Ineffective against Itch and Skin Inflammation in Atopic Dermatitis Mouse Model. <i>Journal of Investigative Dermatology</i> , 2014, 134, 546-548.	0.3	18
232	Doxycycline exerts multiple anti-allergy effects to attenuate murine allergic conjunctivitis and systemic anaphylaxis. <i>Biochemical Pharmacology</i> , 2014, 91, 359-368.	2.0	19
233	Histamine in Migraine and Brain. <i>Headache</i> , 2014, 54, 246-259.	1.8	59
234	Sodium binding to hH <sub>3</sub> R and hH <sub>4</sub> R – a molecular modeling study. <i>Journal of Molecular Modeling</i> , 2014, 20, 2394.	0.8	15
235	The histamine H <sub>4</sub> receptor is a potent inhibitor of adhesion-dependent degranulation in human neutrophils. <i>Journal of Leukocyte Biology</i> , 2014, 96, 411-418.	1.5	17
236	The therapeutic potential of histamine receptor ligands in inflammatory bowel disease. <i>Biochemical Pharmacology</i> , 2014, 91, 12-17.	2.0	13
237	H <sub>4</sub> histamine receptors inhibit steroidogenesis and proliferation in Leydig cells. <i>Journal of Endocrinology</i> , 2014, 223, 241-253.	1.2	13
238	Eosinophils as a pharmacological target for the treatment of allergic diseases. <i>Current Opinion in Pharmacology</i> , 2014, 17, 71-80.	1.7	15
239	Enhanced scratching elicited by a pruritogen and an algogen in a mouse model of contact hypersensitivity. <i>Neuroscience Letters</i> , 2014, 579, 190-194.	1.0	26
240	Robust optimization of SVM hyperparameters in the classification of bioactive compounds. <i>Journal of Cheminformatics</i> , 2015, 7, 38.	2.8	47
241	Histamine H <sub>4</sub> receptor activation alleviates neuropathic pain through differential regulation of ERK, JNK, and P38 MAPK phosphorylation. <i>Pain</i> , 2015, 156, 2492-2504.	2.0	52
242	Histamine and Skin Barrier: Are Histamine Antagonists Useful for the Prevention or Treatment of Atopic Dermatitis?. <i>Journal of Clinical Medicine</i> , 2015, 4, 741-755.	1.0	34



#	ARTICLE	IF	CITATIONS
243	Extremely Randomized Machine Learning Methods for Compound Activity Prediction. <i>Molecules</i> , 2015, 20, 20107-20117.	1.7	9
244	Effect of alcaftadine 0.25% on ocular itch associated with seasonal or perennial allergic conjunctivitis: a pooled analysis of two multicenter randomized clinical trials. <i>Clinical Ophthalmology</i> , 2015, 9, 765.	0.9	4
245	Functional Profiling of 2-Aminopyrimidine Histamine H <sub>4</sub> Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7119-7127.	2.9	13
246	Histamine H2 Receptor-Mediated Suppression of Intestinal Inflammation by Probiotic <i>Lactobacillus reuteri</i> . <i>MBio</i> , 2015, 6, e01358-15.	1.8	121
247	Involvement of the H1 Histamine Receptor, p38 MAP Kinase, Myosin Light Chains Kinase, and Rho/ROCK in Histamine-Induced Endothelial Barrier Dysfunction. <i>Microcirculation</i> , 2015, 22, 237-248.	1.0	40
248	Histamine receptor expression in human renal tubules: a comparative pharmacological evaluation. <i>Inflammation Research</i> , 2015, 64, 261-270.	1.6	18
249	The effect of selective antagonist of H4 receptor JNJ7777120 on nasal symptoms, cough, airway reactivity and inflammation in guinea pigs. <i>Respiratory Physiology and Neurobiology</i> , 2015, 216, 9-14.	0.7	5
250	The histamine H4 receptor: from orphan to the clinic. <i>Frontiers in Pharmacology</i> , 2015, 6, 65.	1.6	115
251	Mast cells and histamine play an important role in edema and leukocyte recruitment induced by <i>Potamotrygon motoro</i> stingray venom in mice. <i>Toxicon</i> , 2015, 103, 65-73.	0.8	15
252	Antihistamine from <i>Tragia involucrata</i> L. leaves. <i>Journal of Complementary and Integrative Medicine</i> , 2015, 12, 217-226.	0.4	14
253	The Histamine H4 Receptor: A Novel Target for Safe Anti-inflammatory Drugs?. <i>Gastro - Open Journal</i> , 2015, 1, 7-12.	0.1	3
254	n-3 Polyunsaturated fatty acids and mast cell activation. <i>Journal of Leukocyte Biology</i> , 2015, 97, 859-871.	1.5	14
255	Local Pathology and Systemic Serum Bupivacaine After Subcutaneous Delivery of Slow-Releasing Bupivacaine Microspheres. <i>Anesthesia and Analgesia</i> , 2015, 120, 36-44.	1.1	12
256	Combinatorial Consensus Scoring for Ligand-Based Virtual Fragment Screening: A Comparative Case Study for Serotonin 5-HT <sub>3</sub> A, Histamine H <sub>1</sub> , and Histamine H <sub>4</sub> Receptors. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1030-1044.	2.5	17
257	Molecular determinants for the high constitutive activity of the human histamine H <sub>4</sub> receptor: functional studies on orthologues and mutants. <i>British Journal of Pharmacology</i> , 2015, 172, 785-798.	2.7	29
258	Determination of Some Non-sedating Antihistamines via Their Native Fluorescence and Derivation of Some Quantitative Fluorescence Intensity - Structure Relationships. <i>Journal of Fluorescence</i> , 2015, 25, 1695-1709.	1.3	8
259	International Union of Basic and Clinical Pharmacology. XCVIII. Histamine Receptors. <i>Pharmacological Reviews</i> , 2015, 67, 601-655.	7.1	457
260	Proinflammatory role of the histamine H4 receptor in dextrane sodium sulfate-induced acute colitis. <i>Biochemical Pharmacology</i> , 2015, 98, 102-109.	2.0	24

#	ARTICLE	IF	CITATIONS
261	Histamine H1- and H4-receptor signaling cooperatively regulate MAPK activation. <i>Biochemical Pharmacology</i> , 2015, 98, 432-439.	2.0	24
262	Histamine 4 receptor promotes expression of costimulatory B7.1/B7.2 molecules, CD28 signaling and cytokine production in stress-induced immune responses. <i>Journal of Neuroimmunology</i> , 2015, 289, 30-42.	1.1	27
263	The histamine H <sub>4</sub> -receptor (H <sub>4</sub> R) regulates eosinophilic inflammation in ovalbumin-induced experimental allergic asthma in mice. <i>European Journal of Immunology</i> , 2015, 45, 1129-1140.	1.6	31
264	Exploiting uncertainty measures in compounds activity prediction using support vector machines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 100-105.	1.0	8
265	Histamine H <sub>4</sub> Receptor Ligands: Future Applications and State of Art. <i>Chemical Biology and Drug Design</i> , 2015, 85, 461-480.	1.5	22
266	Multiple Targeting Approaches on Histamine H3 Receptor Antagonists. <i>Frontiers in Neuroscience</i> , 2016, 10, 201.	1.4	39
267	The Synthesis of 1,3,5-triazine Derivatives and JNJ7777120 Analogues with Histamine H <sub>4</sub> Receptor Affinity and Their Interaction with <i>PTEN</i> Promoter. <i>Chemical Biology and Drug Design</i> , 2016, 88, 254-263.	1.5	10
268	Combined blockade of the histamine H1 and H4 receptor suppresses peanut-induced intestinal anaphylaxis by regulating dendritic cell function. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1561-1574.	2.7	31
269	Conformational Restriction and Enantioseparation Increase Potency and Selectivity of Cyanoguanidine-Type Histamine H <sub>4</sub> Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3452-3470.	2.9	9
270	Antihistamine Drugs. , 2016, , 247-263.		4
271	The cell biology of acute itch. <i>Journal of Cell Biology</i> , 2016, 213, 155-161.	2.3	58
272	Steroidal and Nonsteroidal Anti-inflammatory Agents for Ocular Use. , 2016, , 229-244.		0
273	Genetic variations within the promotor region of the human histamine H4 receptor gene in psoriasis patients. <i>Pharmacological Research</i> , 2016, 114, 121-127.	3.1	5
274	Role of the Histamine H4-Receptor in Bronchial Asthma. <i>Handbook of Experimental Pharmacology</i> , 2016, 241, 347-359.	0.9	6
275	Quantitative Single-Cell Analysis of Signaling Pathways Activated Immediately Downstream of Histamine Receptor Subtypes. <i>Molecular Pharmacology</i> , 2016, 90, 162-176.	1.0	23
276	Role of histamine H 4 receptor ligands in bleomycin-induced pulmonary fibrosis. <i>Pharmacological Research</i> , 2016, 111, 740-748.	3.1	20
277	Involvement of mast cells and histamine in edema induced in mice by <i>Scolopendra viridicornis</i> centipede venom. <i>Toxicon</i> , 2016, 121, 51-60.	0.8	7
278	Stimulation of the histamine 4 receptor upregulates thymic stromal lymphopoietin (TSLP) in human and murine keratinocytes. <i>Pharmacological Research</i> , 2016, 113, 209-215.	3.1	22



#	ARTICLE	IF	CITATIONS
279	Differential Releases of Dopamine and Neuropeptide Y from Histamine- $\epsilon$ Stimulated PC12 Cells Detected by an Aptamer-Modified Nanowire Transistor. <i>Small</i> , 2016, 12, 5524-5529.	5.2	20
280	Synthesis and evaluation of a 2-benzothiazolylphenylmethyl ether class of histamine H <sub>4</sub> receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5263-5266.	1.0	8
281	Pathogenesis of rhinitis. <i>Clinical and Experimental Allergy</i> , 2016, 46, 1139-1151.	1.4	240
282	Dibenzo[ b , f ][1,4]oxazepines and dibenzo[ b , e ]oxepines: Influence of the chlorine substitution pattern on the pharmacology at the H <sub>1</sub> R, H <sub>4</sub> R, 5-HT <sub>2A</sub> R and other selected GPCRs. <i>Pharmacological Research</i> , 2016, 113, 610-625.	3.1	11
283	Leukotriene Receptor Antagonists and Antiallergy Drugs. <i>Handbook of Experimental Pharmacology</i> , 2016, 237, 153-169.	0.9	26
284	Label-Free Imaging of Histamine Mediated G Protein-Coupled Receptors Activation in Live Cells. <i>Analytical Chemistry</i> , 2016, 88, 11498-11503.	3.2	10
285	Alternative Macrophage Activation Is Increased in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 467-475.	1.4	141
286	Histamine Regulates Actin Cytoskeleton in Human Toll-like Receptor 4-activated Monocyte-derived Dendritic Cells Tuning CD4 <sup>+</sup> T Lymphocyte Response. <i>Journal of Biological Chemistry</i> , 2016, 291, 14803-14814.	1.6	13
287	Cellular analysis of the histamine H <sub>4</sub> receptor in human myeloid cells. <i>Biochemical Pharmacology</i> , 2016, 103, 74-84.	2.0	21
288	Gas phase equilibrium structure of histamine. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6092-6102.	1.3	6
289	2,4-Diaminopyrimidines as dual ligands at the histamine H <sub>1</sub> and H <sub>4</sub> receptor—H <sub>1</sub> /H <sub>4</sub> -receptor selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 292-300.	1.0	11
290	Perspectives in Drug Development and Clinical Pharmacology: The Discovery of Histamine H <sub>1</sub> and H <sub>2</sub> Antagonists. <i>Clinical Pharmacology in Drug Development</i> , 2016, 5, 5-12.	0.8	12
291	Cardiovascular symptoms in patients with systemic mast cell activation disease. <i>Translational Research</i> , 2016, 174, 23-32.e1.	2.2	6
292	Trp channels and itch. <i>Seminars in Immunopathology</i> , 2016, 38, 293-307.	2.8	63
293	Differential function and regulation of orphan nuclear receptor TR3 isoforms in endothelial cells. <i>Tumor Biology</i> , 2016, 37, 3307-3320.	0.8	4
294	Non-IgE mediated mast cell activation. <i>European Journal of Pharmacology</i> , 2016, 778, 33-43.	1.7	140
295	Regulation of plasma histamine levels by the mast cell clock and its modulation by stress. <i>Scientific Reports</i> , 2017, 7, 39934.	1.6	32
296	Hematopoietic pannexin 1 function is critical for neuropathic pain. <i>Scientific Reports</i> , 2017, 7, 42550.	1.6	49

#	ARTICLE	IF	CITATIONS
297	Combined treatment with H1 and H4 receptor antagonists reduces inflammation in a mouse model of atopic dermatitis. <i>Journal of Dermatological Science</i> , 2017, 87, 130-137.	1.0	17
298	A Novel Pregabalin Functionalized Salicylaldehyde Derivative Afforded Prospective Pain, Inflammation, and Pyrexia Alleviating Propensities. <i>Archiv Der Pharmazie</i> , 2017, 350, e201600365.	2.1	24
299	Increased serum soluble vascular endothelial cadherin levels in patients with chronic spontaneous urticaria. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 704-709.	0.5	7
300	Synergistic mucus secretion by histamine and IL-4 through TMEM16A in airway epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L466-L476.	1.3	32
301	Second generation H1 - antihistamines interaction with food and alcohol – A systematic review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 27-39.	2.5	38
302	Dermatological Indications of Antihistamines. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 473-487.	0.1	0
303	Evaluation of Histidine Decarboxylase (HDC) Activity and Human Histamine Receptor 3 (H3R) and HDC mRNA Levels. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 389-410.	0.1	0
304	Sensing and responding to allergic response cytokines through a genetically encoded circuit. <i>Nature Communications</i> , 2017, 8, 1101.	5.8	25
305	Neuro-immune interactions in allergic diseases: novel targets for therapeutics. <i>International Immunology</i> , 2017, 29, 247-261.	1.8	92
306	Changes in gene expression induced by histamine, fexofenadine and osthole: Expression of histamine H1 receptor, COX-2, NF- $\kappa$ B, CCR1, chemokine CCL5/RANTES and interleukin-1 $\beta$ in PBMC allergic and non-allergic patients. <i>Immunobiology</i> , 2017, 222, 571-581.	0.8	22
307	Histamine metabolism and transport are deranged in human keratinocytes in oral lichen planus. <i>British Journal of Dermatology</i> , 2017, 176, 1213-1223.	1.4	17
308	Skin Itch in the Elderly. , 2017, , 1081-1090.		0
309	Inflammation and Healing. , 2017, , 73-131.e2.		21
310	Highly Potent, Stable, and Selective Dimeric Hetarylpropylguanidine-Type Histamine H <sub>2</sub> Receptor Agonists. <i>ACS Omega</i> , 2018, 3, 2865-2882.	1.6	24
311	Potential negative effects of anti-histamines on male reproductive function. <i>Reproduction</i> , 2018, 155, R221-R227.	1.1	12
312	Tanshinone IIA suppresses Fc $\epsilon$ RI-mediated mast cell signaling and anaphylaxis by activation of the Sirt1/LKB1/AMPK pathway. <i>Biochemical Pharmacology</i> , 2018, 152, 362-372.	2.0	21
313	Interactions of the immune and sensory nervous systems in atopy. <i>FEBS Journal</i> , 2018, 285, 3138-3151.	2.2	34
314	Role of mast cells and basophils in pruritus. <i>Immunological Reviews</i> , 2018, 282, 248-264.	2.8	58

#	ARTICLE	IF	CITATIONS
315	Histamine drives severity of innate inflammation via histamine 4 receptor in murine experimental colitis. <i>Mucosal Immunology</i> , 2018, 11, 861-870.	2.7	47
316	New therapies for atopic dermatitis: Additional treatment classes. <i>Journal of the American Academy of Dermatology</i> , 2018, 78, S76-S83.	0.6	39
317	Biased Agonism in Drug Discovery—Is It Too Soon to Choose a Path?. <i>Molecular Pharmacology</i> , 2018, 93, 259-265.	1.0	76
318	Persistent Extracellular Signal-Regulated Kinase Activation by the Histamine H4 Receptor in Spinal Neurons Underlies Chronic Itch. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1843-1850.	0.3	12
319	ACC to Dorsal Medial Striatum Inputs Modulate Histaminergic Itch Sensation. <i>Journal of Neuroscience</i> , 2018, 38, 3823-3839.	1.7	30
320	Diacylglycerol kinase synthesized by commensal <i>Lactobacillus reuteri</i> diminishes protein kinase C phosphorylation and histamine-mediated signaling in the mammalian intestinal epithelium. <i>Mucosal Immunology</i> , 2018, 11, 380-393.	2.7	41
321	Histamine H2 receptor stimulation upregulates TH2 chemokine CCL17 production in human M2a macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 782-785.e5.	1.5	8
322	TargetScore used to reveal potential targets of miRNA203 and miRNA-146a in psoriasis by integrating microRNA overexpression and microarray data. <i>Medicine (United States)</i> , 2018, 97, e12671.	0.4	7
323	Tissue-specific contributions of <i>Tmem79</i> to atopic dermatitis and mast cell-mediated histaminergic itch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12091-E12100.	3.3	30
324	P-FN12, an H4R-Based Epitope Vaccine Screened by Phage Display, Regulates the Th1/Th2 Balance in Rat Allergic Rhinitis. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 11, 83-91.	1.8	8
325	Synthesis of Alcolcolchicine Conjugates with a Cetirizine Analog. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1498-1504.	0.3	1
326	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Is Protective in a Rat Model of Transient Cerebral Ischemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 1231.	1.6	10
327	Repurposing potential of 1st generation H1-specific antihistamines as anti-filovirus therapeutics. <i>Antiviral Research</i> , 2018, 157, 47-56.	1.9	24
328	Curcumin derivative, 2,6-bis(2-fluorobenzylidene)cyclohexanone (MS65) inhibits interleukin-6 production through suppression of NF- $\kappa$ B and MAPK pathways in histamine-induced human keratinocytes cell (HaCaT). <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 217.	3.7	11
329	Population histamine burden assessed using wastewater-based epidemiology: The association of 1,4-methylimidazole acetic acid and fexofenadine. <i>Environment International</i> , 2018, 120, 172-180.	4.8	38
330	Enhanced therapeutic effects of human mesenchymal stem cells transduced with superoxide dismutase 3 in a murine atopic dermatitis-like skin inflammation model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2364-2376.	2.7	33
331	Histamine H4 receptor mediates chemotaxis of human lung mast cells. <i>European Journal of Pharmacology</i> , 2018, 837, 38-44.	1.7	15
332	Context-Dependent Regulation of Conjunctival Goblet Cell Function by Allergic Mediators. <i>Scientific Reports</i> , 2018, 8, 12162.	1.6	26

#	ARTICLE	IF	CITATIONS
333	High performance liquid chromatography associated with resonance Rayleigh scattering for synchronous determination of three antihistamines and mechanism study. <i>Luminescence</i> , 2018, 33, 1171-1179.	1.5	5
334	Role of Histamine in Inflammatory Diseases. , 2018, , 85-106.		1
335	Biogenic Amines: Signals Between Commensal Microbiota and Gut Physiology. <i>Frontiers in Endocrinology</i> , 2019, 10, 504.	1.5	75
336	Fexofenadine inhibits TNF signaling through targeting to cytosolic phospholipase A2 and is therapeutic against inflammatory arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1524-1535.	0.5	32
337	Allergic contact dermatitis of both eyes caused by alcaftadine 0.25%: a case report. <i>BMC Ophthalmology</i> , 2019, 19, 158.	0.6	4
338	Differential expression of histamine receptors in the bladder wall tissues of patients with bladder pain syndrome/interstitial cystitis " significance in the responsiveness to antihistamine treatment and disease symptoms. <i>BMC Urology</i> , 2019, 19, 115.	0.6	20
339	Gomisin M2 Inhibits Mast Cell-Mediated Allergic Inflammation via Attenuation of FcÎµRI-Mediated Lyn and Fyn Activation and Intracellular Calcium Levels. <i>Frontiers in Pharmacology</i> , 2019, 10, 869.	1.6	10
340	Influence of the Novel Histamine H3 Receptor Antagonist/Inverse Agonist M39 on Gastroprotection and PGE2 Production Induced by (R)-Alpha-Methylhistamine in C57BL/6 Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 966.	1.6	1
341	Disease-specific primed human adult stem cells effectively ameliorate experimental atopic dermatitis in mice. <i>Theranostics</i> , 2019, 9, 3608-3621.	4.6	26
342	A Forward Chemical Genetic Screen Reveals Gut Microbiota Metabolites That Modulate Host Physiology. <i>Cell</i> , 2019, 177, 1217-1231.e18.	13.5	221
343	Avenanthramide C from germinated oats exhibits anti-allergic inflammatory effects in mast cells. <i>Scientific Reports</i> , 2019, 9, 6884.	1.6	24
344	Attenuation of allergic responses following treatment with resveratrol in anaphylactic models and IgE-mediated mast cells. <i>Food and Function</i> , 2019, 10, 2030-2039.	2.1	31
345	Structure-Activity Relationship of Hetarylpropylguanidines Aiming at the Development of Selective Histamine Receptor Ligands ". <i>ChemistryOpen</i> , 2019, 8, 285-297.	0.9	4
348	Fluorescence-based histamine sensing with inorganic-organic hybrid nanoparticles. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3543-3552.	2.7	16
349	Histamine H1 receptor gene polymorphism acts as a biological indicator of the prediction of therapeutic efficacy in patients with allergic rhinitis in the Chinese Han population. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 164-170.	1.2	10
350	Distinct roles of histamine H1- and H2-receptor signaling pathways in inflammation-associated colonic tumorigenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G205-G216.	1.6	35
351	Light-Switchable Antagonists for the Histamine H<sub>1</sub> Receptor at the Isolated Guinea Pig Ileum. <i>ChemMedChem</i> , 2019, 14, 636-644.	1.6	7
352	Histamine-4 receptor antagonist JNJ777120 inhibits pro-inflammatory microglia and prevents the progression of Parkinson-like pathology and behaviour in a rat model. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 61-73.	2.0	32

#	ARTICLE	IF	CITATIONS
353	H4 Receptor Inhibits Lipopolysaccharide-induced NF- $\kappa$ B Activation by Interacting with Tumor Necrosis Factor Receptor-Associated Factor 6. <i>Neuroscience</i> , 2019, 398, 113-125.	1.1	7
354	Stimulation of histamine H 4 receptors increases the production of IL- $\epsilon$ 9 in Th9 polarized cells. <i>British Journal of Pharmacology</i> , 2020, 177, 614-622.	2.7	6
355	Itch induction by audiovisual stimuli and histamine iontophoresis: a randomized, controlled noninferiority study. <i>British Journal of Dermatology</i> , 2020, 182, 1253-1261.	1.4	5
356	Xanthone suppresses allergic contact dermatitis in vitro and in vivo. <i>International Immunopharmacology</i> , 2020, 78, 106061.	1.7	17
357	FGF13 Is Required for Histamine-Induced Itch Sensation by Interaction with Na <sup>v</sup> 1.7. <i>Journal of Neuroscience</i> , 2020, 40, 9589-9601.	1.7	6
358	Agonist Binding and G Protein Coupling in Histamine H2 Receptor: A Molecular Dynamics Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6693.	1.8	10
359	ECM-based microfluidic gradient generator for tunable surface environment by interstitial flow. <i>Biomicrofluidics</i> , 2020, 14, 044106.	1.2	8
360	Fetal Metabolomic Alterations Following Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 559688.	1.6	6
361	Two clerodane diterpenes isolated from <i>Polyalthia longifolia</i> leaves: comparative structural features, anti-histaminic and anti- <i>Helicobacter pylori</i> activities. <i>Natural Product Research</i> , 2021, 35, 5282-5286.	1.0	30
362	The Reliability of Histamine Pharmacodynamic Response Phenotype Classification in Children With Allergic Disease. <i>Frontiers in Pharmacology</i> , 2020, 11, 227.	1.6	3
363	Development of High-Reliability and -Stability Chemical Sensors Based on an Extended-Gate Type Amorphous Oxide Semiconductor Thin-Film Transistor. <i>ACS Applied Electronic Materials</i> , 2020, 2, 405-408.	2.0	8
364	Histamine deficiency facilitates coronary microthrombosis after myocardial infarction by increasing neutrophil-platelet interactions. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3504-3520.	1.6	8
365	Tachykinin-1 receptor antagonism suppresses substance-P- and compound 48/80-induced mast cell activation from rat mast cells expressing functional mas-related GPCR B3. <i>Inflammation Research</i> , 2020, 69, 289-298.	1.6	8
366	HYBID (alias KIAA1199/CEMIP) and hyaluronan synthase coordinately regulate hyaluronan metabolism in histamine-stimulated skin fibroblasts. <i>Journal of Biological Chemistry</i> , 2020, 295, 2483-2494.	1.6	9
367	Cell membrane chromatography coupled online with LC-MS to screen anti-anaphylactoid components from <i>Magnolia biondii</i> Pamp . targeting on Mas-related G protein-coupled receptor X2. <i>Journal of Separation Science</i> , 2020, 43, 2571-2578.	1.3	11
368	Nothing to sneeze at: Histamine and histamine receptors in oral carcinogenesis. <i>Oral Diseases</i> , 2021, 27, 1090-1096.	1.5	6
369	Maresin 1, a specialized proresolving mediator, stimulates intracellular [Ca <sup>2+</sup> ] and secretion in conjunctival goblet cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 340-353.	2.0	10
370	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 H4 receptor. <i>European Journal of Pharmacology</i> , 2021, 890, 173611.	1.7	5

#	ARTICLE	IF	CITATIONS
371	Evolutionary history of histamine receptors: Early vertebrate origin and expansion of the H3-H4 subtypes. <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 106989.	1.2	6
372	Antihistamines: Definition. , 2021, , 253-254.		0
373	Glycolysis is integral to histamine-induced endothelial hyperpermeability. <i>FASEB Journal</i> , 2021, 35, e21425.	0.2	10
374	Combined Treatment With H1 and H4 Receptor Antagonists Improves Th2 Inflammatory Responses in the Nasal Mucosa of Allergic Rhinitis Rats. <i>American Journal of Rhinology and Allergy</i> , 2021, 35, 809-816.	1.0	3
375	Conditional Deletions of Hdc Confirm Roles of Histamine in Anaphylaxis and Circadian Activity but Not in Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2021, 206, 2029-2037.	0.4	4
376	H2-antagonist in IgE-mediated type I hypersensitivity reactions: what literature says so far?. <i>Clinical and Molecular Allergy</i> , 2021, 19, 4.	0.8	1
377	Production of IL-31 in CD45RO+CLA+H4R+ T Cells in Atopic Dermatitis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1976.	1.0	2
378	Could Histamine H1 Receptor Antagonists Be Used for Treating COVID-19?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5672.	1.8	16
379	The Function of the Histamine H4 Receptor in Inflammatory and Inflammation-Associated Diseases of the Gut. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6116.	1.8	18
380	Pharmacological evaluation of the gabapentin salicylaldehyde derivative, gabapentsal, against tonic and phasic pain models, inflammation, and pyrexia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 2033-2047.	1.4	5
381	Roles of IgE and Histamine in Mast Cell Maturation. <i>Cells</i> , 2021, 10, 2170.	1.8	26
382	A systems-level study reveals host-targeted repurposable drugs against SARS-CoV-2 infection. <i>Molecular Systems Biology</i> , 2021, 17, e10239.	3.2	22
383	The Complex Interplay between Immunonutrition, Mast Cells, and Histamine Signaling in COVID-19. <i>Nutrients</i> , 2021, 13, 3458.	1.7	7
384	Multi-omics analysis to decipher the molecular link between chronic exposure to pollution and human skin dysfunction. <i>Scientific Reports</i> , 2021, 11, 18302.	1.6	16
385	Genetic Polymorphisms in the Histamine Receptor Family. <i>Receptors</i> , 2016, , 51-74.	0.2	4
387	Opposite Effects of Mepyramine on JNJ 777120-Induced Amelioration of Experimentally Induced Asthma in Mice in Sensitization and Provocation. <i>PLoS ONE</i> , 2012, 7, e30285.	1.1	28
388	Deletion and Down-Regulation of HRH4 Gene in Gastric Carcinomas: A Potential Correlation with Tumor Progression. <i>PLoS ONE</i> , 2012, 7, e31207.	1.1	28
389	Altered Esophageal Histamine Receptor Expression in Eosinophilic Esophagitis (EoE): Implications on Disease Pathogenesis. <i>PLoS ONE</i> , 2015, 10, e0114831.	1.1	23

#	ARTICLE	IF	CITATIONS
390	Novel water-soluble lignin derivative BP-Cx-1: identification of components and screening of potential targets <i>in silico</i> and <i>in vitro</i> . <i>Oncotarget</i> , 2018, 9, 18578-18593.	0.8	29
391	Histamine, Histamine Receptors, and their Role in Immunomodulation: An Updated Systematic Review. <i>The Open Immunology Journal</i> , 2009, 2, 9-41.	1.5	93
392	The function of histamine receptor H4R in the brain revealed by interaction partners. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1058.	0.8	6
393	Role of histamine H4 receptors in the gastrointestinal tract. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 226.	0.8	17
394	Probiotic <i>Lactobacillus rhamnosus</i> downregulates FCER1 and HRH4 expression in human mast cells. <i>World Journal of Gastroenterology</i> , 2011, 17, 750.	1.4	63
395	Antihistamine Activities of Iminodiacetamide Derivatives. <i>Biomolecules and Therapeutics</i> , 2008, 16, 416-424.	1.1	3
396	The role of histamine H4 receptors as a potential targets in allergic rhinitis and asthma. <i>Open Journal of Molecular and Integrative Physiology</i> , 2013, 03, 6-14.	0.6	4
397	Eosinophils and mast cells as therapeutic targets in pediatric functional dyspepsia. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2013, 4, 86.	0.6	39
398	MRGPRX4 is a bile acid receptor for human cholestatic itch. <i>ELife</i> , 2019, 8, .	2.8	86
399	Comparative Analysis of Antihistamines and Nonsteroidal Anti-inflammatory Drugs (NSAIDs): Properties, Structure and Prediction of New Potential Drugs. <i>Journal of Advances in Medical and Pharmaceutical Sciences</i> , 2017, 12, 1-18.	0.2	1
400	Alpha-Cyclodextrin Functions as a Dietary Fiber. , 2021, , 255-276.		0
401	Histamine in cancer immunology and immunotherapy. Current status and new perspectives. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00778.	1.1	20
402	Role of T cells. , 2009, , 121-147.		1
403	9 Aminozuurmetabolisme. , 2010, , 279-321.		0
404	Histamine-Cytokine and Histamine-Antibody Network in Immune Regulation. , 2010, , 421-436.		1
407	Expression of the Histamine H4 Receptor in Human Tissue. , 0, , .		0
408	From Receptors to Ligands: Fragment-assisted Drug Design for GPCRs Applied to the Discovery of H3 and H4 Receptor Antagonists. , 2013, 04, .		0
409	Histaminic Agonists and Antagonists. , 2014, , 1-6.		0



#	ARTICLE	IF	CITATIONS
410	Imaging Histamine Receptors Using PET and SPECT. , 2014, , 331-376.		0
411	Idiopathic Acute Eosinophilic Pneumonia. , 2014, , 373-376.		0
412	Histamine and H1 Antihistamines. , 2014, , 1503-1533.		4
413	Aminozuurmetabolisme. , 2015, , 271-313.		0
415	Skin Itch in the Elderly. , 2015, , 1-12.		0
416	Allergic and Irritant Contact Dermatitis. , 2016, , 145-150.		0
417	Histaminerge Systeme. Springer-Lehrbuch, 2016, , 151-154.	0.1	0
418	Histamine and Its Receptors as a Module of the Biogenic Amine Disease. Receptors, 2016, , 173-214.	0.2	1
421	Effect of H1 and H2 receptor antagonists on blood gas. OrtadoÄŸu TÄ±p Dergisi, 2018, 10, 279-283.	0.1	0
422	Aminozuurmetabolisme. , 2019, , 279-323.		0
425	The effect of anti-inflammatory and anti-oxidant diet on immediate and late-phase cutaneous allergic reactions in healthy dogs. Veterinarski Arhiv, 2019, 89, 641-652.	0.1	0
426	ANTIHISTAMINIC ACTIVITY MODELS. Asian Journal of Pharmaceutical and Clinical Research, 0, , 51-55.	0.3	2
427	Histamine Increases Th2 Cytokine-Induced CCL18 Expression in Human M2 Macrophages. International Journal of Molecular Sciences, 2021, 22, 11648.	1.8	11
428	Histaminerge Systeme. , 2020, , 161-164.		0
429	A Comparative Study of Efficacy of Alcaftadine 0.25 % and Olopatadine 0.2 % in Allergic Conjunctivitis. Journal of Evidence Based Medicine and Healthcare, 2020, 7, 3153-3158.	0.0	0
430	Pruritus syndrome in practice of an allergist: from mechanisms of occurrence to options of treatment. Ukrainian Journal of Dermatology Venerology Cosmetology, 2020, .	0.0	0
431	Pharmacology of Histamine, Its Receptors and Antagonists in the Modulation of Physiological Functions. , 2020, , 213-240.		3
432	Understanding vernal keratoconjunctivitis in children. African Vision and Eye Health, 2020, 79, .	0.1	0



#	ARTICLE	IF	CITATIONS
433	Near-infrared imaging of injured tissue in living subjects using IR-820. <i>Molecular Imaging</i> , 2009, 8, 45-54.	0.7	11
435	Four Possible Itching Pathways Related to the TRPV1 Channel, Histamine, PAR-2 and Serotonin. <i>The Malaysian Journal of Medical Sciences</i> , 2013, 20, 5-12.	0.3	13
436	The allergy mediator histamine confers resistance to immunotherapy in cancer patients via activation of the macrophage histamine receptor H1. <i>Cancer Cell</i> , 2022, 40, 36-52.e9.	7.7	101
437	Antihistamines for cancer immunotherapy: More than just treating allergies. <i>Cancer Cell</i> , 2022, 40, 9-11.	7.7	4
438	Histamine as an Alert Signal in the Brain. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 413-425.	0.8	4
439	Histamine-4 Receptor: Emerging Target for the Treatment of Neurological Diseases. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 1.	0.8	2
440	Diamine oxidase knockout mice are not hypersensitive to orally or subcutaneously administered histamine. <i>Inflammation Research</i> , 2022, 71, 497-511.	1.6	3
441	BRET-Based Biosensors to Measure Agonist Efficacies in Histamine H1 Receptor-Mediated G Protein Activation, Signaling and Interactions with GRKs and $\beta$ -Arrestins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3184.	1.8	11
443	Chapter 6 Histamine in Atopic Disorders: Atopic Dermatitis and Pruritus. , 0, , .		0
444	Chapter 7 Non-professional Histamine Producing Cells, Immune Responses and Autoimmunity. , 2013, , 201-258.		2
447	Massive release of TH2 cytokines induced a cytokine storm during a severe mast cell activation event in a patient with indolent systemic mastocytosis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 406-414.e16.	1.5	3
448	Pharmacogenomics for the efficacy and side effects of antihistamines. <i>Experimental Dermatology</i> , 2022, 31, 993-1004.	1.4	24
449	Peripheral itch sensitization in atopic dermatitis. <i>Allergology International</i> , 2022, 71, 265-277.	1.4	37
450	Exploration of molecular mechanisms responsible for anti-inflammatory and anti-angiogenic attributes of methanolic extract of <i>Viola betonicifolia</i> . <i>Inflammopharmacology</i> , 2022, 30, 1459-1474.	1.9	4
451	Signaling Pathways Used by the Specialized Pro-Resolving Mediator Maresin 2 Regulate Goblet Cell Function: Comparison with Maresin 1. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6233.	1.8	4
453	Nuclear localization of histamine receptor 2 in primary human lymphatic endothelial cells. <i>Biology Open</i> , 2022, 11, .	0.6	2
454	Histamine Produced by Gram-Negative Bacteria Impairs Neutrophil's Antimicrobial Response by Engaging the Histamine 2 Receptor. <i>Journal of Innate Immunity</i> , 2023, 15, 153-173.	1.8	2
455	The modulatory effects of biogenic amines on male mating performance in <i>Bactrocera dorsalis</i> . <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2

#	ARTICLE	IF	CITATIONS
456	Nanomaterials for antigen-specific immune tolerance therapy. <i>Drug Delivery and Translational Research</i> , 2023, 13, 1859-1881.	3.0	5
457	Histamine induced high mobility group box-1 release from vascular endothelial cells through H1 receptor. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
459	Glioblastoma stem cell-specific histamine secretion drives pro-angiogenic tumor microenvironment remodeling. <i>Cell Stem Cell</i> , 2022, 29, 1531-1546.e7.	5.2	13
461	Scratch-AID, a deep learning-based system for automatic detection of mouse scratching behavior with high accuracy. <i>ELife</i> , 0, 11, .	2.8	2
462	Chemical profiles and pharmacological attributes of <i>Apis cerana indica</i> beehives using combined experimental and computer-aided studies. <i>Heliyon</i> , 2023, 9, e15016.	1.4	7
463	A Shocking Case of Shock. <i>Annals of the American Thoracic Society</i> , 2023, 20, 320-324.	1.5	0
464	Etiopathophysiology of Atopic Eczema. , 2023, , 81-115.		0