

Patrizio Blandina

List of Publications by Year in descending order

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94
papers

4,206
citations

101543

36
h-index

114465

63
g-index

94
all docs

94
docs citations

94
times ranked

2710
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic potential of histamine H3 receptor agonists and antagonists. Trends in Pharmacological Sciences, 1998, 19, 177-184.	8.7	261
2	The histamine H3 receptor as a novel therapeutic target for cognitive and sleep disorders. Trends in Pharmacological Sciences, 2004, 25, 618-625.	8.7	212
3	Inhibition of cortical acetylcholine release and cognitive performance by histamine H ₃ receptor activation in rats. British Journal of Pharmacology, 1996, 119, 1656-1664.	5.4	207
4	Histamine receptors in the CNS as targets for therapeutic intervention. Trends in Pharmacological Sciences, 2011, 32, 242-249.	8.7	182
5	Activation of a 5-HT ₃ receptor releases dopamine from rat striatal slice. European Journal of Pharmacology, 1988, 155, 349-350.	3.5	158
6	Release of histamine from rat mast cells by acetylcholine. Nature, 1978, 273, 473-474.	27.8	149
7	Central histaminergic system and cognition. Neuroscience and Biobehavioral Reviews, 2000, 24, 107-113.	6.1	113
8	Improvement in Fear Memory by Histamine-Elicited ERK2 Activation in Hippocampal CA3 Cells. Journal of Neuroscience, 2003, 23, 9016-9023.	3.6	103
9	Effects of histamine H3 receptor agonists and antagonists on cognitive performance and scopolamine-induced amnesia. Behavioural Brain Research, 1999, 104, 147-155.	2.2	97
10	Histamine neurons in the tuberomamillary nucleus: a whole center or distinct subpopulations?. Frontiers in Systems Neuroscience, 2012, 6, 33.	2.5	94
11	Histamine H ₃ receptor-mediated impairment of contextual fear conditioning and <i>in vivo</i> inhibition of cholinergic transmission in the rat basolateral amygdala. European Journal of Neuroscience, 2001, 14, 1522-1532.	2.6	90
12	Aversive memory reactivation engages in the amygdala only some neurotransmitters involved in consolidation. Learning and Memory, 2006, 13, 426-430.	1.3	88
13	Activation of histaminergic H3 receptors in the rat basolateral amygdala improves expression of fear memory and enhances acetylcholine release. European Journal of Neuroscience, 2002, 16, 521-528.	2.6	87
14	Characteristics of histamine release evoked by acetylcholine in isolated rat mast cells.. Journal of Physiology, 1980, 301, 281-293.	2.9	86
15	Interactions between histaminergic and cholinergic systems in learning and memory. Behavioural Brain Research, 2001, 124, 183-194.	2.2	81
16	Satiety factor oleoylethanolamide recruits the brain histaminergic system to inhibit food intake. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11527-11532.	7.1	79
17	Preventing adolescent stress-induced cognitive and microbiome changes by diet. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9644-9651.	7.1	79
18	Aspects of histamine metabolism. Agents and Actions, 1987, 22, 1-15.	0.7	77

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19	Carbonic anhydrase activation enhances object recognition memory in mice through phosphorylation of the extracellular signal-regulated kinase in the cortex and the hippocampus. <i>Neuropharmacology</i> , 2017, 118, 148-156.	4.1	77
20	Histamine in the brain: Beyond sleep and memory. <i>Biochemical Pharmacology</i> , 2007, 73, 1113-1122.	4.4	74
21	The Histamine H ₃ Receptor and Eating Behavior. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 24-29.	2.5	72
22	Acetylcholine, Histamine, and Cognition: Two Sides of the Same Coin. <i>Learning and Memory</i> , 2004, 11, 1-8.	1.3	71
23	The release of histamine by parasympathetic stimulation in guinea-pig auricle and rat ileum.. <i>Journal of Physiology</i> , 1986, 371, 29-43.	2.9	70
24	Heterogeneity of histaminergic neurons in the tuberomammillary nucleus of the rat. <i>European Journal of Neuroscience</i> , 2009, 29, 2363-2374.	2.6	65
25	Local GABAergic modulation of acetylcholine release from the cortex of freely moving rats. <i>European Journal of Neuroscience</i> , 2000, 12, 1941-1948.	2.6	64
26	Regional Differential Effects of the Novel Histamine H ₃ Receptor Antagonist 6-[(3-Cyclobutyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepin-7-yl)oxy]- <i>N</i> -methyl-3-pyridinecarboxamide hydrochloride (GSK189254) on Histamine Release in the Central Nervous System of Freely Moving Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 164-172.	2.5	63
27	Dopa activates histaminergic neurons. <i>Journal of Physiology</i> , 2011, 589, 1349-1366.	2.9	60
28	The Akt/GSK β axis as a new signaling pathway of the histamine H ₃ receptor. <i>Journal of Neurochemistry</i> , 2007, 103, 248-258.	3.9	58
29	Endogenous histamine in the medial septum-diagonal band complex increases the release of acetylcholine from the hippocampus: a dual-probe microdialysis study in the freely moving rat. <i>European Journal of Neuroscience</i> , 2002, 15, 1669-1680.	2.6	56
30	The histaminergic system as a target for the prevention of obesity and metabolic syndrome. <i>Neuropharmacology</i> , 2016, 106, 3-12.	4.1	56
31	The histaminergic tuberomammillary nucleus is critical for motivated arousal. <i>European Journal of Neuroscience</i> , 2010, 31, 2073-2085.	2.6	50
32	Clinical findings and follow-up evaluation of an outbreak of mushroom poisoning – survey of amanita phalloides poisoning. <i>Klinische Wochenschrift</i> , 1986, 64, 38-43.	0.6	46
33	Carbonic anhydrase modulation of emotional memory. Implications for the treatment of cognitive disorders. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1206-1214.	5.2	46
34	Activation of the histaminergic H ₃ receptor induces phosphorylation of the Akt/GSK β pathway in cultured cortical neurons and protects against neurotoxic insults. <i>Journal of Neurochemistry</i> , 2009, 110, 1469-1478.	3.9	42
35	Histamine in the basolateral amygdala promotes inhibitory avoidance learning independently of hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2536-42.	7.1	41
36	Selective brain region activation by histamine H3 receptor antagonist/inverse agonist ABT-239 enhances acetylcholine and histamine release and increases c-Fos expression. <i>Neuropharmacology</i> , 2013, 70, 131-140.	4.1	38

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37	Brain histamine modulates recognition memory: possible implications in major cognitive disorders. <i>British Journal of Pharmacology</i> , 2020, 177, 539-556.	5.4	36
38	Mast cell and neutrophil interactions: A role for superoxide anion and histamine. <i>Agents and Actions</i> , 1985, 16, 260-264.	0.7	34
39	The H3 receptor protean agonist proxyfan enhances the expression of fear memory in the rat. <i>Neuropharmacology</i> , 2005, 48, 246-251.	4.1	34
40	Differential effect of cannabinoid agonists and endocannabinoids on histamine release from distinct regions of the rat brain. <i>European Journal of Neuroscience</i> , 2006, 24, 1633-1644.	2.6	34
41	Memory retrieval of inhibitory avoidance requires histamine H ₁ receptor activation in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2714-20.	7.1	34
42	The role of carbonic anhydrases in extinction of contextual fear memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16000-16008.	7.1	33
43	Antagonism of histamine H ₄ receptors exacerbates clinical and pathological signs of experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , 2013, 170, 67-77.	5.4	32
44	Donepezil, an acetylcholine esterase inhibitor, and ABT-239, a histamine H ₃ receptor antagonist/inverse agonist, require the integrity of brain histamine system to exert biochemical and procognitive effects in the mouse. <i>Neuropharmacology</i> , 2016, 109, 139-147.	4.1	32
45	Cortical acetylcholine release elicited by stimulation of histamine H ₁ receptors in the nucleus basalis magnocellularis: a dual-probe microdialysis study in the freely moving rat. <i>European Journal of Neuroscience</i> , 2001, 13, 68-78.	2.6	31
46	Modulation of the spontaneous histamine release by adrenergic and cholinergic drugs. <i>Agents and Actions</i> , 1978, 8, 347-358.	0.7	29
47	Evidence for H ₂ -receptor-mediated inhibition of histamine release from isolated rat mast cells. <i>Agents and Actions</i> , 1982, 12, 85-88.	0.7	29
48	The acetylcholine, GABA, glutamate triangle in the rat forebrain. <i>Journal of Physiology (Paris)</i> , 1998, 92, 351-355.	2.1	29
49	Brain Histamine Is Crucial for Selective Serotonin Reuptake Inhibitors' Behavioral and Neurochemical Effects. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv045.	2.1	26
50	Cognitive implications for H ₃ and 5-HT ₃ receptor modulation of cortical cholinergic function: A parallel story. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 1998, 20, 725.	0.8	23
51	Mast Cell Heterogeneity in Response to Cholinergic Stimulation. <i>International Archives of Allergy and Immunology</i> , 1985, 77, 184-185.	2.1	22
52	Neuronal histamine and the memory of emotionally salient events. <i>British Journal of Pharmacology</i> , 2020, 177, 557-569.	5.4	22
53	Immunological modulation of cholinergic histamine release in isolated rat mast cells. <i>Agents and Actions</i> , 1985, 16, 152-154.	0.7	21
54	Histaminergic ligands injected into the nucleus basalis magnocellularis differentially affect fear conditioning consolidation. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 575-582.	2.1	21

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55	Activation of carbonic anhydrase isoforms involved in modulation of emotional memory and cognitive disorders with histamine agonists, antagonists and derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 719-726.	5.2	21
56	Mast cell receptors controlling histamine release: Influences on the mode of action of drugs used in the treatment of adverse drug reactions. <i>Klinische Wochenschrift</i> , 1982, 60, 1031-1038.	0.6	18
57	Histamine regulates memory consolidation. <i>Neurobiology of Learning and Memory</i> , 2017, 145, 1-6.	1.9	18
58	Muscarinic cholinergic receptor binding in rat mast cells. <i>Agents and Actions</i> , 1983, 13, 327-332.	0.7	17
59	6 The Riddle of Cholinergic Histamine Release from Mast Cells. <i>Progress in Medicinal Chemistry</i> , 1985, 22, 267-291.	10.4	16
60	Histamine-deficient mice do not respond to the antidepressant-like effects of oleoylethanolamide. <i>Neuropharmacology</i> , 2018, 135, 234-241.	4.1	16
61	Solid phase synthesis and biological activity of mast cell degranulating (MCD) peptide: a component of bee venom. <i>International Journal of Peptide and Protein Research</i> , 1989, 33, 86-93.	0.1	15
62	Mast cell degranulating (MCD) peptide analogs with reduced ring structure. <i>The Protein Journal</i> , 1992, 11, 275-280.	1.1	14
63	Brain histamine depletion enhances the behavioural sequences complexity of mice tested in the open-field: Partial reversal effect of the dopamine D2/D3 antagonist sulpiride. <i>Neuropharmacology</i> , 2017, 113, 533-542.	4.1	14
64	Correlation between cholinergic histamine release and quinuclidinyl-benzilate ([3H]-QNB) binding in mast cell membranes. <i>Agents and Actions</i> , 1981, 11, 55-59.	0.7	13
65	N-Formylmethionyl-leucyl-phenylalanine: Different releasing effects on human neutrophils and rat mast cells. <i>Agents and Actions</i> , 1983, 13, 218-221.	0.7	13
66	Mediator release from isolated rat ileum in response to field stimulation. <i>Agents and Actions</i> , 1984, 14, 405-409.	0.7	13
67	Thioperamide-elicited increase of histamine release from basolateral amygdala of freely moving rats and its therapeutic implications. <i>Inflammation Research</i> , 2004, 53, S53-S54.	4.0	13
68	Histaminergic Neurotransmission as a Gateway for the Cognitive Effect of Oleoylethanolamide in Contextual Fear Conditioning. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 392-399.	2.1	13
69	Cholinergic histamine release: Evidence of muscarinic receptors in rat mast cells. <i>Agents and Actions</i> , 1979, 9, 57-58.	0.7	12
70	The antianaphylactic action of histamine H ₂ receptor agonists in the guinea pig isolated heart. <i>British Journal of Pharmacology</i> , 1987, 90, 459-466.	5.4	12
71	Cortical acetylcholine release elicited by stimulation of histamine H ₁ receptors in the nucleus basalis magnocellularis: a dual probe microdialysis study in the freely moving rat. <i>European Journal of Neuroscience</i> , 2001, 13, 68-78.	2.6	12
72	Modulation of Carbonic Anhydrases Activity in the Hippocampus or Prefrontal Cortex Differentially Affects Social Recognition Memory in Rats. <i>Neuroscience</i> , 2022, 497, 184-195.	2.3	12

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73	Short- and Long-Term Social Recognition Memory Are Differentially Modulated by Neuronal Histamine. <i>Biomolecules</i> , 2021, 11, 555.	4.0	11
74	Brain histamine and oleoylethanolamide restore behavioral deficits induced by chronic social defeat stress in mice. <i>Neurobiology of Stress</i> , 2021, 14, 100317.	4.0	11
75	Pro-cognitive effect of a selective histamine H ₁ -receptor agonist, 2-(3-trifluoromethylphenyl)histamine, in the rat object recognition test. <i>Inflammation Research</i> , 2003, 52, s33-s34.	4.0	10
76	Epidemiological Survey of Intoxications in Florence in the Last Ten Years. <i>Clinical Toxicology</i> , 1981, 18, 1157-1162.	0.5	9
77	Histamine release by vagal stimulation. <i>Agents and Actions</i> , 1983, 13, 179-182.	0.7	9
78	Oxytocin and Fear Memory Extinction: Possible Implications for the Therapy of Fear Disorders?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10000.	4.1	9
79	Clonidine and Naloxone for Rapid Opiate Detoxication: Comparison between Treatments. <i>Clinical Toxicology</i> , 1981, 18, 1021-1026.	0.5	8
80	Biological markers and therapeutic outcome in alcoholic disease: A twelve-year survey. <i>Klinische Wochenschrift</i> , 1987, 65, 27-33.	0.6	8
81	Release of Glutamate from Striatum of Freely Moving Rats by pros-Methylimidazoleacetic Acid. <i>Journal of Neurochemistry</i> , 2002, 64, 788-793.	3.9	8
82	Histamine. , 2012, , 323-341.		8
83	Histamine neuronal system as a therapeutic target for the treatment of cognitive disorders. <i>Future Neurology</i> , 2010, 5, 543-555.	0.5	7
84	Diet Prevents Social Stress-Induced Maladaptive Neurobehavioural and Gut Microbiota Changes in a Histamine-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2022, 23, 862.	4.1	7
85	Central histaminergic system interactions and cognition. , 2006, 98, 149-163.		6
86	Inhibition of cholinergic histamine release in rat mast cells. <i>Agents and Actions</i> , 1980, 10, 139-140.	0.7	5
87	The Neuronal Histaminergic System in Cognition. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2004, 4, 17-26.	0.5	5
88	Glycine inhibition of glutamate evoked-release of norepinephrine in the hypothalamus is strychnine-insensitive. <i>Brain Research</i> , 1994, 650, 70-74.	2.2	3
89	A Duet Between Histamine and Oleoylethanolamide in the Control of Homeostatic and Cognitive Processes. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 389-410.	1.7	3
90	Histamine and Appetite. <i>Receptors</i> , 2016, , 341-360.	0.2	1

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91	Cognitive Functions, Attention- Defi cit Hyperactivity Disorders, and Alzheimer's Disease. , 2008, , 213-239.		1
92	Different Peas in the Same Pod: The Histaminergic Neuronal Heterogeneity. Current Topics in Behavioral Neurosciences, 2021, , .	1.7	1
93	Betahistine increases ACh release from the cortex, but not histamine release from the nucleus basalis magnocellularis of freely-moving rats.. Inflammation Research, 2006, 55, S28-S29.	4.0	0
94	Carbonic anhydrase activators and their potential in the pharmaceutical field. , 2019, , 477-492.		0