Beatrice Passani

List of Publications by Year
in descending order

83 papers	3,265 citations	117625 34 h-index	155660 55 g-index
83 all docs	83 docs citations	83 times ranked	3010 citing authors

#	Article	IF	Citations
1	Diet Prevents Social Stress-Induced Maladaptive Neurobehavioural and Gut Microbiota Changes in a Histamine-Dependent Manner. International Journal of Molecular Sciences, 2022, 23, 862.	4.1	7
2	Modulation of Carbonic Anhydrases Activity in the Hippocampus or Prefrontal Cortex Differentially Affects Social Recognition Memory in Rats. Neuroscience, 2022, 497, 184-195.	2.3	12
3	Short- and Long-Term Social Recognition Memory Are Differentially Modulated by Neuronal Histamine. Biomolecules, 2021, 11, 555.	4.0	11
4	Brain histamine and oleoylethanolamide restore behavioral deficits induced by chronic social defeat stress in mice. Neurobiology of Stress, 2021, 14, 100317.	4.0	11
5	Oxytocin and Fear Memory Extinction: Possible Implications for the Therapy of Fear Disorders?. International Journal of Molecular Sciences, 2021, 22, 10000.	4.1	9
6	Activation of carbonic anhydrase isoforms involved in modulation of emotional memory and cognitive disorders with histamine agonists, antagonists and derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 719-726.	5.2	21
7	A Duet Between Histamine and Oleoylethanolamide in the Control of Homeostatic and Cognitive Processes. Current Topics in Behavioral Neurosciences, 2021, , 389-410.	1.7	3
8	Different Peas in the Same Pod: The Histaminergic Neuronal Heterogeneity. Current Topics in Behavioral Neurosciences, 2021, , .	1.7	1
9	Neuronal histamine and the memory of emotionally salient events. British Journal of Pharmacology, 2020, 177, 557-569.	5.4	22
10	Brain histamine modulates recognition memory: possible implications in major cognitive disorders. British Journal of Pharmacology, 2020, 177, 539-556.	5.4	36
11	Editorial: Dual Role of Microglia in Health and Disease: Pushing the Balance Towards Repair. Frontiers in Cellular Neuroscience, 2020, 14, 259.	3.7	2
12	Carbonic anhydrase modulation of emotional memory. Implications for the treatment of cognitive disorders. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1206-1214.	5.2	46
13	The role of carbonic anhydrases in extinction of contextual fear memory. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16000-16008.	7.1	33
14	The anti-inflammatory and immune-modulatory effects of OEA limit DSS-induced colitis in mice. Biomedicine and Pharmacotherapy, 2020, 129, 110368.	5.6	29
15	A New Kid on the Block? Carbonic Anhydrases as Possible New Targets in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2019, 20, 4724.	4.1	61
16	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
17	Mast Cell-Derived Histamine Regulates Liver Ketogenesis via Oleoylethanolamide Signaling. Cell Metabolism, 2019, 29, 91-102.e5.	16.2	33
18	Histamine-deficient mice do not respond to the antidepressant-like effects of oleoylethanolamide. Neuropharmacology, 2018, 135, 234-241.	4.1	16

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19	Histaminergic Modulation of Recognition Memory. Handbook of Behavioral Neuroscience, 2018, 27, 415-445.	0.7	0
20	Oleoylethanolamide treatment affects gut microbiota composition and the expression of intestinal cytokines in Peyerâ€™s patches of mice. Scientific Reports, 2018, 8, 14881.	3.3	39
21	Carbonic anhydrase activation enhances object recognition memory in mice through phosphorylation of the extracellular signal-regulated kinase in the cortex and the hippocampus. Neuropharmacology, 2017, 118, 148-156.	4.1	77
22	Histamine regulates memory consolidation. Neurobiology of Learning and Memory, 2017, 145, 1-6.	1.9	18
23	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. Neuropharmacology, 2017, 113, 533-542.	4.1	14
24	Histaminergic Neurotransmission as a Gateway for the Cognitive Effect of Oleoylethanolamide in Contextual Fear Conditioning. International Journal of Neuropsychopharmacology, 2017, 20, 392-399.	2.1	13
25	Brain histamine and behavioral neuroscience. Oncotarget, 2017, 8, 16107-16108.	1.8	7
26	The Endocannabinoid-Like Derivative Oleoylethanolamide at the Gutâ€"Brain Interface: A â€œLipid Wayâ€•to Control Energy Intake and Body Weight. , 2016, , .		2
27	Memory retrieval of inhibitory avoidance requires histamine H ₁ receptor activation in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2714-20.	7.1	34
28	Eating disorders: from bench to bedside and back. Journal of Neurochemistry, 2016, 139, 691-699.	3.9	15
29	The hypophagic factor oleoylethanolamide differentially increases c-fos expression in appetite regulating centres in the brain of wild type and histamine deficient mice. Pharmacological Research, 2016, 113, 100-107.	7.1	10
30	Donepezil, an acetylcholine esterase inhibitor, and ABT-239, a histamine H3 receptor antagonist/inverse agonist, require the integrity of brain histamine system to exert biochemical and procognitive effects in the mouse. Neuropharmacology, 2016, 109, 139-147.	4.1	32
31	Histamine Regulates Actin Cytoskeleton in Human Toll-like Receptor 4-activated Monocyte-derived Dendritic Cells Tuning CD4+ T Lymphocyte Response. Journal of Biological Chemistry, 2016, 291, 14803-14814.	3.4	13
32	The histaminergic system as a target for the prevention of obesity and metabolic syndrome. Neuropharmacology, 2016, 106, 3-12.	4.1	56
33	Histamine and Appetite. Receptors, 2016, , 341-360.	0.2	1
34	Histaminergic Regulation of Bloodâ€"Brain Barrier Activity. Receptors, 2016, , 215-230.	0.2	1
35	Central mechanisms mediating the hypophagic effects of oleoylethanolamide and N-acylphosphatidylethanolamines: different lipid signals?. Frontiers in Pharmacology, 2015, 6, 137.	3.5	43
36	Brain Histamine Is Crucial for Selective Serotonin Reuptake Inhibitorsâ€˜ Behavioral and Neurochemical Effects. International Journal of Neuropsychopharmacology, 2015, 18, pyv045.	2.1	26

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37	Histamine in the basolateral amygdala promotes inhibitory avoidance learning independently of hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2536-42.	7.1	41
38	Histamine in the brain. Frontiers in Systems Neuroscience, 2014, 8, 64.	2.5	23
39	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
40	Histamine mediates behavioural and metabolic effects of 3â€iodothyroacetic acid, an endogenous end product of thyroid hormone metabolism. British Journal of Pharmacology, 2014, 171, 3476-3484.	5.4	41
41	Selective brain region activation by histamine H3 receptor antagonist/inverse agonist ABT-239 enhances acetylcholine and histamine release and increases c-Fos expression. Neuropharmacology, 2013, 70, 131-140.	4.1	38
42	Antagonism of histamine <scp>H₄</scp> receptors exacerbates clinical and pathological signs of experimental autoimmune encephalomyelitis. British Journal of Pharmacology, 2013, 170, 67-77.	5.4	32
43	Histaminergic ligands injected into the nucleus basalis magnocellularis differentially affect fear conditioning consolidation. International Journal of Neuropsychopharmacology, 2013, 16, 575-582.	2.1	21
44	The Role of Cannabinoids in Inflammatory Modulation of Allergic Respiratory Disorders, Inflammatory Pain and Ischemic Stroke. Current Drug Targets, 2012, 13, 984-993.	2.1	36
45	Histamine and neuroinflammation: insights from murine experimental autoimmune encephalomyelitis. Frontiers in Systems Neuroscience, 2012, 6, 32.	2.5	27
46	Histamine neurons in the tuberomamillary nucleus: a whole center or distinct subpopulations?. Frontiers in Systems Neuroscience, 2012, 6, 33.	2.5	94
47	Histamine receptors in the CNS as targets for therapeutic intervention. Trends in Pharmacological Sciences, 2011, 32, 242-249.	8.7	182
48	Histamine Pharmacology and New CNS Drug Targets. CNS Neuroscience and Therapeutics, 2011, 17, 620-628.	3.9	95
49	<scp>l</scp>â€Dopa activates histaminergic neurons. Journal of Physiology, 2011, 589, 1349-1366.	2.9	60
50	The Histamine H₃ Receptor and Eating Behavior. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 24-29.	2.5	72
51	Brain Histamine Affects Eating and Drinking Behaviours. , 2011, , 319-336.		0
52	Histamine neuronal system as a therapeutic target for the treatment of cognitive disorders. Future Neurology, 2010, 5, 543-555.	0.5	7
53	Regional Differential Effects of the Novel Histamine H₃ 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. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 164-172.	2.5	63
54	Heterogeneity of histaminergic neurons in the tuberomammillary nucleus of the rat. European Journal of Neuroscience, 2009, 29, 2363-2374.	2.6	65

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55	Activation of the histaminergic H₃ receptor induces phosphorylation of the Akt/GSKâ€3Î² pathway in cultured cortical neurons and protects against neurotoxic insults. Journal of Neurochemistry, 2009, 110, 1469-1478.	3.9	42
56	Activation of cannabinoid receptors prevents antigenâ€induced asthmaâ€like reaction in guinea pigs. Journal of Cellular and Molecular Medicine, 2008, 12, 2381-2394.	3.6	39
57	Cognitive Functions, Attention- Defi cit Hyperactivity Disorders, and Alzheimer's Disease. , 2008, , 213-239.		1
58	The Akt/GSKâ€3Î² axis as a new signaling pathway of the histamine H₃ receptor. Journal of Neurochemistry, 2007, 103, 248-258.	3.9	58
59	Histamine in the brain: Beyond sleep and memory. Biochemical Pharmacology, 2007, 73, 1113-1122.	4.4	74
60	Differential effect of cannabinoid agonists and endocannabinoids on histamine release from distinct regions of the rat brain. European Journal of Neuroscience, 2006, 24, 1633-1644.	2.6	34
61	Aversive memory reactivation engages in the amygdala only some neurotransmitters involved in consolidation. Learning and Memory, 2006, 13, 426-430.	1.3	88
62	Central histaminergic system interactions and cognition. , 2006, 98, 149-163.		6
63	The H3 receptor protean agonist proxyfan enhances the expression of fear memory in the rat. Neuropharmacology, 2005, 48, 246-251.	4.1	34
64	Acetylcholine, Histamine, and Cognition: Two Sides of the Same Coin. Learning and Memory, 2004, 11, 1-8.	1.3	71
65	The Endocannabinoid 2-Arachidonylglycerol Decreases the Immunological Activation of Guinea Pig Mast Cells: Involvement of Nitric Oxide and Eicosanoids. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 256-264.	2.5	47
66	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
67	Carbon monoxide modulates the response of human basophils to FcÎµRI stimulation through the heme oxygenase pathway. European Journal of Pharmacology, 2003, 465, 289-297.	3.5	11
68	Improvement in Fear Memory by Histamine-Elicited ERK2 Activation in Hippocampal CA3 Cells. Journal of Neuroscience, 2003, 23, 9016-9023.	3.6	103
69	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. European Journal of Neuroscience, 2002, 15, 1669-1680.	2.6	56
70	Activation of histaminergic H3receptors 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
71	Interactions between histaminergic and cholinergic systems in learning and memory. Behavioural Brain Research, 2001, 124, 183-194.	2.2	81
72	Histamine H₃ receptorâ€mediated impairment of contextual fear conditioning and <i>inâ€vivo</i> inhibition of cholinergic transmission in the rat basolateral amygdala. European Journal of Neuroscience, 2001, 14, 1522-1532.	2.6	90

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73	Cortical acetylcholine release elicited by stimulation of histamine H₁receptors in the nucleus basalis magnocellularis: a dualâ€probe microdialysis study in the freely moving rat. European Journal of Neuroscience, 2001, 13, 68-78.	2.6	12
74	Cortical acetylcholine release elicited by stimulation of histamine H1 receptors in the nucleus basalis magnocellularis: a dual-probe microdialysis study in the freely moving rat. European Journal of Neuroscience, 2001, 13, 68-78.	2.6	31
75	Central histaminergic system and cognition. Neuroscience and Biobehavioral Reviews, 2000, 24, 107-113.	6.1	113
76	Modulation of HERG current andherg gene expression during retinoic acid treatment of human neuroblastoma cells: Potentiating effects of BDNF. Journal of Neurobiology, 1999, 40, 214-225.	3.6	37
77	Effect of the selective 5-HT1A receptor antagonist WAY 100635 on the inhibition of e.p.s.ps produced by 5-HT in the CA1 region of rat hippocampal slices. British Journal of Pharmacology, 1998, 124, 93-100.	5.4	37
78	Intercellular communication in normal and aberrant crypts of rat colon mucosa. Cancer Letters, 1998, 123, 77-81.	7.2	1
79	Long Term Exposure to Retinoic Acid Induces the Expression of IRK1 Channels in HERG Channel-Endowed Neuroblastoma Cells. Biochemical and Biophysical Research Communications, 1998, 244, 706-711.	2.1	28
80	Cognitive implications for H3 and 5-HT3 receptor modulation of cortical cholinergic function: A parallel story. Methods and Findings in Experimental and Clinical Pharmacology, 1998, 20, 725.	0.8	23
81	Therapeutic Potentials of Itasetron (DAU 6215), a Novel 5-HT3Receptor Antagonist, in the Treatment of Central Nervous System Disorders. CNS Neuroscience & Therapeutics, 1996, 2, 195-213.	4.0	5
82	Epsp-spike potentiation during primed burst-induced long-term potentiation in the ca1 region of rat hippocampal slices. Neuroscience, 1994, 62, 1021-1032.	2.3	22
83	Eye movements in Daphnia magna. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1990, 166, 411-20.	1.6	13