

# SÃ©verine Morisset

## List of Publications by Year in descending order

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67  
papers

5,133  
citations

117571

34  
h-index

98753

67  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Auto-inhibition of brain histamine release mediated by a novel class (H3) of histamine receptor. <i>Nature</i> , 1983, 302, 832-837.	13.7	1,526
2	High constitutive activity of native H3 receptors regulates histamine neurons in brain. <i>Nature</i> , 2000, 408, 860-864.	13.7	449
3	Loss of constitutive activity of the growth hormone secretagogue receptor in familial short stature. <i>Journal of Clinical Investigation</i> , 2006, 116, 760-768.	3.9	298
4	Involvement of histaminergic neurons in arousal mechanisms demonstrated with H3-receptor ligands in the cat. <i>Brain Research</i> , 1990, 523, 325-330.	1.1	224
5	H3-Receptors Control Histamine Release in Human Brain. <i>Journal of Neurochemistry</i> , 1988, 51, 105-108.	2.1	144
6	Distinct pharmacology of rat and human histamine H3 receptors: role of two amino acids in the third transmembrane domain. <i>British Journal of Pharmacology</i> , 2000, 131, 1247-1250.	2.7	140
7	Protean agonism at histamine H3 receptors in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11086-11091.	3.3	136
8	Constitutive activity of the histamine H3 receptor. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 350-357.	4.0	119
9	Histamine H3 -receptor-mediated [ <sup>35</sup> S]GTPÎ³[S] binding: evidence for constitutive activity of the recombinant and native rat and human H3 receptors. <i>British Journal of Pharmacology</i> , 2002, 135, 383-392.	2.7	117
10	Cloning and cerebral expression of the guinea pig histamine H3 receptor. <i>NeuroReport</i> , 2000, 11, 755-759.	0.6	107
11	Brain histamine and schizophrenia: Potential therapeutic applications of H3-receptor inverse agonists studied with BF2.649. <i>Biochemical Pharmacology</i> , 2007, 73, 1215-1224.	2.0	101
12	Cdk5 induces constitutive activation of 5-HT6 receptors to promote neurite growth. <i>Nature Chemical Biology</i> , 2014, 10, 590-597.	3.9	95
13	Ciproxifan, a Histamine H <sub>3</sub> -Receptor Antagonist/Inverse Agonist, Potentiates Neurochemical and Behavioral Effects of Haloperidol in the Rat. <i>Journal of Neuroscience</i> , 2002, 22, 7272-7280.	1.7	89
14	Histamine H3 receptor binding sites in rat brain membranes: modulations by guanine nucleotides and divalent cations. <i>European Journal of Pharmacology</i> , 1990, 188, 219-227.	2.7	82
15	Recessive Isolated Growth Hormone Deficiency and Mutations in the Ghrelin Receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4334-4341.	1.8	74
16	Physical interaction between neurofibromin and serotonin 5-HT <sub>6</sub> receptor promotes receptor constitutive activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12310-12315.	3.3	71
17	The Rat H3 Receptor: Gene Organization and Multiple Isoforms. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 75-80.	1.0	69
18	Development of a New Class of Nonimidazole Histamine H3 Receptor Ligands with Combined Inhibitory Histamine N-Methyltransferase Activity. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1128-1141.	2.9	67

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19	Fluorescence resonance energy transfer to probe human M1 muscarinic receptor structure and drug binding properties. <i>Journal of Neurochemistry</i> , 2003, 85, 768-778.	2.1	64
20	Compared pharmacology of human histamine H3 and H4 receptors: structure-activity relationships of histamine derivatives. <i>British Journal of Pharmacology</i> , 2006, 147, 744-754.	2.7	55
21	Different antagonist binding properties of human and rat histamine H3 receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 951-954.	1.0	51
22	Involvement of histamine receptors in the atypical antipsychotic profile of clozapine: a reassessment in vitro and in vivo. <i>Psychopharmacology</i> , 2012, 220, 225-241.	1.5	50
23	Novel Histamine H3-Receptor Antagonists with Carbonyl-Substituted 4-(3-(Phenoxy)propyl)-1H-imidazole Structures like Ciproxifan and Related Compounds. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3987-3994.	2.9	49
24	Cloning and expression of the mouse histamine H3 receptor: evidence for multiple isoforms. <i>Journal of Neurochemistry</i> , 2004, 90, 1331-1338.	2.1	48
25	Progress in the proxifan class: heterocyclic congeners as novel potent and selective histamine H3-receptor antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 15, 367-378.	1.9	47
26	Inhibition of histamine versus acetylcholine metabolism as a mechanism of tacrine activity. <i>European Journal of Pharmacology</i> , 1996, 315, R1-R2.	1.7	43
27	N-methyl-d-aspartate receptor antagonists enhance histamine neuron activity in rodent brain. <i>Journal of Neurochemistry</i> , 2006, 98, 1487-1496.	2.1	43
28	MicroRNAs in Neurocognitive Dysfunctions: New Molecular Targets for Pharmacological Treatments?. <i>Current Neuropharmacology</i> , 2017, 15, 260-275.	1.4	43
29	6 The Histamine H3 Receptor and its Ligands. <i>Progress in Medicinal Chemistry</i> , 2001, 38, 279-308.	4.1	41
30	Chromosomal mapping and organization of the human histamine H3 receptor gene. <i>NeuroReport</i> , 2001, 12, 321-324.	0.6	38
31	Histamine and Schizophrenia. <i>International Review of Neurobiology</i> , 2007, 78, 247-287.	0.9	38
32	Bioluminescence Resonance Energy Transfer as a Method to Study Protein-Protein Interactions: Application to G Protein Coupled Receptor Biology. <i>Molecules</i> , 2019, 24, 537.	1.7	36
33	Ciproxifan, a histamine H3-receptor antagonist/inverse agonist, modulates the effects of methamphetamine on neuropeptide mRNA expression in rat striatum. <i>European Journal of Neuroscience</i> , 2003, 17, 307-314.	1.2	34
34	Novel Nonimidazole Histamine H3 Receptor Antagonists: 1-(4-(Phenoxyethyl)benzyl)piperidines and Related Compounds. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1523-1530.	2.9	34
35	Effects of Betahistine at Histamine H <sub>3</sub> Receptors: Mixed Inverse Agonism/Agonism In Vitro and Partial Inverse Agonism In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 945-954.	1.3	34
36	Histamine H2 receptor gene variants: lack of association with schizophrenia. <i>Molecular Psychiatry</i> , 2000, 5, 159-164.	4.1	33

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37	Histamine H3 and dopamine D2 receptor-mediated [ <sup>35</sup> S]GTP�� <sup>3</sup> [S] binding in rat striatum: Evidence for additive effects but lack of interactions. <i>Biochemical Pharmacology</i> , 2007, 73, 1172-1181.	2.0	29
38	Imidazole derivatives as a novel class of hybrid compounds with inhibitory histamine N-methyltransferase potencies and histamine h3 receptor affinities. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2163-2174.	1.4	28
39	Development of FUB 181, a Selective Histamine H3-Receptor Antagonist of High Oral in Vivo Potency with 4-(?gv-(Arylalkyloxy)alkyl)-1H-imidazole Structure. <i>Archiv Der Pharmazie</i> , 1998, 331, 211-218.	2.1	26
40	CSF Levels of the Histamine Metabolite tele-Methylhistamine are only Slightly Decreased in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 861-871.	1.2	25
41	Modulation of prepulse inhibition and stereotypies in rodents: no evidence for antipsychotic-like properties of histamine H3-receptor inverse agonists. <i>Psychopharmacology</i> , 2010, 210, 591-604.	1.5	23
42	Changes in Histamine H3 Receptor Responsiveness in Mouse Brain. <i>Journal of Neurochemistry</i> , 2001, 74, 339-346.	2.1	21
43	Histamine H3 Receptor-Mediated Signaling Protects Mice from Cerebral Malaria. <i>PLoS ONE</i> , 2009, 4, e6004.	1.1	21
44	Autoregulation of McA-RH7777 Hepatoma Cell Proliferation by Histamine H3 Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 406-413.	1.3	20
45	Ciproxifan, a histamine H3-receptor antagonist����inverse agonist, modulates methamphetamine-induced sensitization in mice. <i>European Journal of Neuroscience</i> , 2011, 33, 1197-1204.	1.2	20
46	Enhanced responsiveness of <i>Ghr</i> <sup>Q343X</sup> rats to ghrelin results in enhanced adiposity without increased appetite. <i>Science Signaling</i> , 2016, 9, ra39.	1.6	20
47	Pharmacomodulation of microRNA Expression in Neurocognitive Diseases: Obstacles and Future Opportunities. <i>Current Neuropharmacology</i> , 2017, 15, 276-290.	1.4	20
48	Application of genomics to drug design: the example of the histamine H3 receptor. <i>European Neuropsychopharmacology</i> , 2001, 11, 441-448.	0.3	18
49	Structural variations of 1-(4-(phoxymethyl)benzyl)piperidines as nonimidazole histamine H3 receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2727-2736.	1.4	18
50	Effects of histamine H 3 receptor agonist and antagonist on histamine co-transmitter expression in rat brain. <i>Journal of Neural Transmission</i> , 2002, 109, 293-306.	1.4	17
51	Search for Histamine H3Receptor Ligands with Combined Inhibitory Potency at HistamineN-Methyltransferase: ��-Piperidinoalkanamine Derivatives. <i>Archiv Der Pharmazie</i> , 2004, 337, 533-545.	2.1	15
52	Rational Design, Pharmacomodulation, and Synthesis of Dual 5-Hydroxytryptamine 7 (5-HT <sub>7</sub> )/5-Hydroxytryptamine 2A (5-HT <sub>2A</sub> ) Receptor Antagonists and Evaluation by [ <sup>18</sup> F]-PET Imaging in a Primate Brain. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8066-8096.	2.9	15
53	Targeting the <i>cis</i> -��dimerization of <i>LINGO</i> ��1 with low <i>MW</i> compounds affects its downstream signalling. <i>British Journal of Pharmacology</i> , 2015, 172, 841-856.	2.7	14
54	Defective Oligodendroglial Lineage and Demyelination in Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3426.	1.8	11

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55	4-(4-(Alkyloxy)alkyl)-1H-imidazole Derivatives as Histamine H3 Receptor Antagonists/Agonists. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2678-2687.	2.9	9
56	Meta-Substituted Aryl(thio)ethers as Potent Partial Agonists (or Antagonists) for the Histamine H3 Receptor Lacking a Nitrogen Atom in the Side Chain. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 3264-3274.	2.9	9
57	A fraction of neurofibromin interacts with PML bodies in the nucleus of the CCF astrocytoma cell line. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 689-694.	1.0	9
58	Mechanistic characterization of S 38093, a novel inverse agonist at histamine H3 receptors. <i>European Journal of Pharmacology</i> , 2017, 803, 11-23.	1.7	9
59	LINGO family receptors are differentially expressed in the mouse brain and form native multimeric complexes. <i>FASEB Journal</i> , 2020, 34, 13641-13653.	0.2	9
60	Chemical Synthesis of TFF3 Reveals Novel Mechanistic Insights and a Gut-Stable Metabolite. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9484-9495.	2.9	8
61	Pharmacological, neurochemical, and behavioral profile of JB-788, a new 5-HT1A agonist. <i>Neuroscience</i> , 2010, 169, 1337-1346.	1.1	5
62	Serodolin, a $\beta^2$ -arrestin-biased ligand of 5-HT <sub>7</sub> receptor, attenuates pain-related behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
63	The GTPase-activating protein-related domain of neurofibromin interacts with MC1R and regulates pigmentation-mediated signaling in human melanocytes. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 758-764.	1.0	4
64	Complementary Nuclear Magnetic Resonance-Based Metabolomics Approaches for Glioma Biomarker Identification in a <i>Drosophila melanogaster</i> Model. <i>Journal of Proteome Research</i> , 2021, 20, 3977-3991.	1.8	4
65	Expression of the Human Serotonin 5-HT <sub>7</sub> Receptor Rescues Phenotype Profile and Restores Dysregulated Biomarkers in a <i>Drosophila melanogaster</i> Glioma Model. <i>Cells</i> , 2022, 11, 1281.	1.8	3
66	Constitutive activity of the recombinant and native histamine H3 receptor. <i>International Congress Series</i> , 2003, 1249, 139-151.	0.2	2
67	BRET Analysis of GPCR Dimers in Neurons and Non-Neuronal Cells: Evidence for Inactive, Agonist, and Constitutive Conformations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10638.	1.8	1