

CÃ©cile Viollet

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,274
citations

236833

25
h-index

223716

46
g-index

52
all docs

52
docs citations

52
times ranked

2402
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation and function of somatostatin receptors. <i>Journal of Neurochemistry</i> , 2004, 89, 1057-1091.	2.1	300
2	Olfactory Discrimination Learning Increases the Survival of Adult-Born Neurons in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2006, 26, 10508-10513.	1.7	234
3	Somatostatinergic systems in brain: Networks and functions. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, 75-87.	1.6	171
4	Involvement of sst2 somatostatin receptor in locomotor, exploratory activity and emotional reactivity in mice. <i>European Journal of Neuroscience</i> , 2000, 12, 3761-3770.	1.2	103
5	Interneuron-specific signaling evokes distinctive somatostatin-mediated responses in adult cortical astrocytes. <i>Nature Communications</i> , 2018, 9, 82.	5.8	88
6	Somatostatin, Alzheimer's disease and cognition: An old story coming of age?. <i>Progress in Neurobiology</i> , 2009, 89, 153-161.	2.8	83
7	Somatostatin receptor subtypes 2 and 4 affect seizure susceptibility and hippocampal excitatory neurotransmission in mice. <i>European Journal of Neuroscience</i> , 2002, 16, 843-849.	1.2	77
8	Somatostatinergic systems: an update on brain functions in normal and pathological aging. <i>Frontiers in Endocrinology</i> , 2012, 3, 154.	1.5	70
9	Insulin-Like Growth Factor-I and Insulin-Like Growth Factor Binding Protein-3 in Alzheimer's Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4673-4681.	1.8	63
10	Spatial learning and synaptic hippocampal plasticity in type 2 somatostatin receptor knock-out mice. <i>Neuroscience</i> , 2002, 112, 455-466.	1.1	58
11	Roles of Hippocampal Somatostatin Receptor Subtypes in Stress Response and Emotionality. <i>Neuropsychopharmacology</i> , 2017, 42, 1647-1656.	2.8	57
12	Somatostatin sst2 receptor knock-out mice: localisation of sst1-5 receptor mRNA and binding in mouse brain by semi-quantitative RT-PCR, in situ hybridisation histochemistry and receptor autoradiography. <i>Neuropharmacology</i> , 2002, 42, 396-413.	2.0	55
13	Somatostatin interneurons delineate the inner part of the external plexiform layer in the mouse main olfactory bulb. <i>Journal of Comparative Neurology</i> , 2010, 518, 1976-1994.	0.9	53
14	Characterisation of [125I]-Tyr-D-Trp8-somatostatin binding in sst1- to sst4- and SRIF-gene-invalidated mouse brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 562-571.	1.4	52
15	Molecular pharmacology of somatostatin receptors. <i>Fundamental and Clinical Pharmacology</i> , 1995, 9, 107-113.	1.0	51
16	Somatostatin receptor subtypes sst1 and sst2 elicit opposite effects on the response to glutamate of mouse hypothalamic neurones: an electrophysiological and single cell RT-PCR study. <i>European Journal of Neuroscience</i> , 1998, 10, 204-212.	1.2	51
17	Growth Hormone Secretagogues and Hypothalamic Networks. <i>Endocrine</i> , 2001, 14, 001-008.	2.2	45
18	Comparison of Somatostatin Receptor Expression in Human Gliomas and Medulloblastomas. <i>Journal of Neuroendocrinology</i> , 2002, 14, 458-471.	1.2	44

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19	Developmental patterns of somatostatin-receptors and somatostatin-immunoreactivity during early neurogenesis in the rat. <i>Neuroscience</i> , 1994, 62, 317-325.	1.1	43
20	Differential Expression of Multiple Somatostatin Receptors in the Rat Cerebellum During Development. <i>Journal of Neurochemistry</i> , 2002, 68, 2263-2272.	2.1	42
21	Hippocampal SSTR4 somatostatin receptors control the selection of memory strategies. <i>Psychopharmacology</i> , 2009, 202, 153-163.	1.5	42
22	Activated Somatostatin Type 2 Receptors Traffic In Vivo in Central Neurons from Dendrites to the Trans Golgi Before Recycling. <i>Traffic</i> , 2007, 8, 820-834.	1.3	39
23	Somatostatin Contributes to <i>In Vivo</i> Gamma Oscillation Modulation and Odor Discrimination in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2010, 30, 870-875.	1.7	39
24	CAMs and the FGF receptor: an interacting role in axonal growth. <i>Cell and Tissue Research</i> , 1997, 290, 451-455.	1.5	37
25	Distinct Patterns of Expression and Physiological Effects of sst1 and sst2 Receptor Subtypes in Mouse Hypothalamic Neurons and Astrocytes in Culture. <i>Journal of Neurochemistry</i> , 1997, 68, 2273-2280.	2.1	34
26	Cooperation between hippocampal somatostatin receptor subtypes 4 and 2: Functional relevance in interactive memory systems. <i>Hippocampus</i> , 2010, 20, 745-757.	0.9	29
27	Low Serum Insulin-Like Growth Factor-I Predicts Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 641-649.	1.2	28
28	Insulin-Like Growth Factor I, Insulin-like Growth factor Binding Protein 3, and Atrial Fibrillation in the Elderly. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1025-1032.	1.7	27
29	Somatostatin-IRES-Cre Mice: Between Knockout and Wild-Type?. <i>Frontiers in Endocrinology</i> , 2017, 8, 131.	1.5	26
30	Local circuit allowing hypothalamic control of hippocampal area CA2 activity and consequences for CA1. <i>ELife</i> , 2021, 10, .	2.8	22
31	Relationships between Personality Traits, Medial Temporal Lobe Atrophy, and White Matter Lesion in Subjects Suffering from Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 195.	1.7	21
32	Somatostatin binds to murine macrophages through two distinct subsets of receptors. <i>Journal of Neuroimmunology</i> , 2003, 138, 38-44.	1.1	19
33	Centrifugal projections to the main olfactory bulb revealed by transsynaptic retrograde tracing in mice. <i>Journal of Comparative Neurology</i> , 2020, 528, 1805-1819.	0.9	17
34	Aging, but not tau pathology, impacts olfactory performances and somatostatin systems in THY-Tau22 mice. <i>Neurobiology of Aging</i> , 2015, 36, 1013-1028.	1.5	16
35	sst-receptor gene deletion exacerbates chronic stress-induced deficits: Consequences for emotional and cognitive ageing. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 390-400.	2.5	16
36	Somatostatin Serves a Modulatory Role in the Mouse Olfactory Bulb: Neuroanatomical and Behavioral Evidence. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 61.	1.0	16

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37	Somatostatin-14 Mainly Binds the Somatostatin Receptor Subtype 2 in Human Neuroblastoma Tumors. <i>Neuroendocrinology</i> , 1996, 63, 188-197.	1.2	15
38	Overexpression of the V3 Vasopressin Receptor in Transgenic Mice Corticotropes Leads to Increased Basal Corticosterone. <i>Journal of Neuroendocrinology</i> , 2002, 14, 737-744.	1.2	14
39	Effects of Chronic Octreotide Treatment on GH Secretory Dynamics and Tumor Growth in Rats Bearing an Ectopic Somatotroph (GC) Tumor. <i>Journal of Neuroendocrinology</i> , 1995, 7, 645-651.	1.2	13
40	YIF1B mutations cause a post-natal neurodevelopmental syndrome associated with Golgi and primary cilium alterations. <i>Brain</i> , 2020, 143, 2911-2928.	3.7	13
41	Relationships Between Lower Olfaction and Brain White Matter Lesions in Elderly Subjects with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1133-1141.	1.2	7
42	Somatostatin and behaviour: The need for genetically engineered models. <i>Journal of Physiology (Paris)</i> , 2000, 94, 179-183.	2.1	6
43	Selective Patterns of Expression of G Protein $\hat{\pm}$ Subunits During In Vitro Development of Hypothalamic Neurons. <i>Journal of Neurochemistry</i> , 2002, 63, 2231-2239.	2.1	6
44	Characterization of Somatostatin Receptor Subtypes in Mammalian Pituitary. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 249-253.	1.8	5
45	Insulin-Like Growth Factor-I, Insulin-Like Growth factor Binding Protein-3 and Blood Hemoglobin Concentration in an Elderly Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 854-859.	1.7	4
46	Un deuxiÃ¨me gÃªne codant pour la somatostatine est exprimÃ© dans le cerveau. <i>Medecine/Sciences</i> , 1996, 12, 1131.	0.0	1
47	La somatostatine, peptide moteur de la migration neuronaleÃ?. <i>Medecine/Sciences</i> , 2002, 18, 802-803.	0.0	1
48	Somatostatin/Cortistatin. , 2013, , 933-942.		0
49	Cortistatin. , 2010, , 360-360.		0
50	Somatostatin. , 2014, , 1-6.		0
51	Somatostatin. , 2015, , 1614-1619.		0