Claire Rampon

List of Publications by Year
in descending order

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Version: 2024-02-01

56 papers	7,184 citations	159585 30 h-index	168389 53 g-index
60 all docs	60 docs citations	60 times ranked	8183 citing authors

#	Article	IF	Citations
1	Prolonged Consumption of Sweetened Beverages Lastingly Deteriorates Cognitive Functions and Reward Processing in Mice. Cerebral Cortex, 2022, 32, 1365-1378.	2.9	10
2	Altered inhibitory function in hippocampal CA2 contributes in social memory deficits in Alzheimerâ€™s mouse model. IScience, 2022, 25, 103895.	4.1	21
3	D1/5 dopamine receptors are necessary for learning a novel context. Learning and Memory, 2022, 29, 142-145.	1.3	4
4	Molecular and electrophysiological features of GABAergic neurons in the dentate gyrus reveal limited homology with cortical interneurons. PLoS ONE, 2022, 17, e0270981.	2.5	1
5	proNGF Involvement in the Adult Neurogenesis Dysfunction in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 10744.	4.1	3
6	Young Neurons Tickle Memory during REM Sleep. Neuron, 2020, 107, 397-398.	8.1	0
7	Human iPSC-Derived Hippocampal Spheroids: An Innovative Tool for Stratifying Alzheimer Disease Patient-Specific Cellular Phenotypes and Developing Therapies. Stem Cell Reports, 2020, 15, 256-273.	4.8	49
8	Age-related memory decline, dysfunction of the hippocampus and therapeutic opportunities. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 102, 109943.	4.8	16
9	Metformin Promotes Anxiolytic and Antidepressant-Like Responses in Insulin-Resistant Mice by Decreasing Circulating Branched-Chain Amino Acids. Journal of Neuroscience, 2019, 39, 5935-5948.	3.6	93
10	Lack of correlation between the activity of the mesolimbic dopaminergic system and the rewarding properties of pregabalin in mouse. Psychopharmacology, 2019, 236, 2069-2082.	3.1	14
11	What's New on Alzheimer's Disease? Insights From AD Mouse Models. , 2019, , 431-431.		1
12	Mitochondria in Developmental and Adult Neurogenesis. Neurotoxicity Research, 2019, 36, 257-267.	2.7	39
13	Targeting hippocampal adult neurogenesis using transcription factors to reduce Alzheimer's diseaseâ€associated memory impairments. Hippocampus, 2019, 29, 579-586.	1.9	22
14	Hippocampal expression of a virus-derived protein impairs memory in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1611-1616.	7.1	12
15	proBDNF is modified by advanced glycation end products in Alzheimerâ€™s disease and causes neuronal apoptosis by inducing p75 neurotrophin receptor processing. Molecular Brain, 2018, 11, 68.	2.6	79
16	Reinstating plasticity and memory in a tauopathy mouse model with an acetyltransferase activator. EMBO Molecular Medicine, 2018, 10, .	6.9	61
17	Sub-regions of the dorsal raphÃ© nucleus receive different inputs from the brainstem. Sleep Medicine, 2018, 49, 53-63.	1.6	8
18	Memory formation orchestrates the wiring of adult-born hippocampal neurons into brain circuits. Brain Structure and Function, 2017, 222, 2585-2601.	2.3	17

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19	Differential alteration of hippocampal function and plasticity in females and males of the APPxPS1 mouse model of Alzheimer's disease. Neurobiology of Aging, 2017, 57, 220-231.	3.1	25
20	Amplifying mitochondrial function rescues adult neurogenesis in a mouse model of Alzheimer's disease. Neurobiology of Disease, 2017, 102, 113-124.	4.4	31
21	Activation of nociceptin/orphanin FQ receptors inhibits contextual fear memory reconsolidation. Neuropharmacology, 2017, 125, 39-49.	4.1	15
22	Environmental enrichment rescues memory in mice deficient for the polysialytransferase ST8SiaIV. Brain Structure and Function, 2016, 221, 1591-1605.	2.3	9
23	Environmental enrichment does not influence hypersynchronous network activity in the Tg2576 mouse model of Alzheimerâ€™s disease. Frontiers in Aging Neuroscience, 2015, 7, 178.	3.4	10
24	Attenuated Levels of Hippocampal Connexin 43 and its Phosphorylation Correlate with Antidepressant- and Anxiolytic-Like Activities in Mice. Frontiers in Cellular Neuroscience, 2015, 9, 490.	3.7	58
25	Early Onset of Hypersynchronous Network Activity and Expression of a Marker of Chronic Seizures in the Tg2576 Mouse Model of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0119910.	2.5	68
26	Combined Experimental and Simulation Studies Suggest a Revised Mode of Action of the Antiâ€Alzheimer Disease Drug NQâ€Trp. Chemistry - A European Journal, 2015, 21, 12657-12666.	3.3	20
27	Genetic manipulation of adult-born hippocampal neurons rescues memory in a mouse model of Alzheimerâ€™s disease. Brain, 2015, 138, 440-455.	7.6	80
28	Transient enriched housing before amyloidosis onset sustains cognitive improvement in Tg2576 mice. Neurobiology of Aging, 2013, 34, 211-225.	3.1	59
29	Amyloidogenesis, Neurogenesis, Learning, and Memory in Alzheimerâ€™s Disease: Lessons from Transgenic Mouse Models. Modecular Medicine and Medicinal, 2013, , 157-186.	0.4	0
30	NCAM Function in the Adult Brain: Lessons from Mimetic Peptides and Therapeutic Potential. Neurochemical Research, 2013, 38, 1163-1173.	3.3	25
31	Modifications of Hippocampal Circuits and Early Disruption of Adult Neurogenesis in the Tg2576 Mouse Model of Alzheimerâ€™s Disease. PLoS ONE, 2013, 8, e76497.	2.5	69
32	Impaired neurogenesis, neuronal loss, and brain functional deficits in the APPxPS1-Ki mouse model of Alzheimer's disease. Neurobiology of Aging, 2011, 32, 407-418.	3.1	86
33	The neural cell adhesion molecule-derived peptide FGL facilitates long-term plasticity in the dentate gyrus in vivo. Learning and Memory, 2011, 18, 306-313.	1.3	23
34	Young hippocampal neurons are critical for recent and remote spatial memory in adult mice. Neuroscience, 2010, 171, 769-778.	2.3	108
35	Recruitment of adult-generated neurons into functional hippocampal networks contributes to updating and strengthening of spatial memory. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5919-5924.	7.1	169
36	Impaired hippocampal plasticity and altered neurogenesis in adult Ube3a maternal deficient mouse model for Angelman syndrome. Experimental Neurology, 2009, 220, 341-348.	4.1	35

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37	Alzheimer's-Type Amyloidosis in Transgenic Mice Impairs Survival of Newborn Neurons Derived from Adult Hippocampal Neurogenesis. Journal of Neuroscience, 2007, 27, 6771-6780.	3.6	203
38	Adult Hippocampal Neurogenesis, Synaptic Plasticity and Memory: Facts and Hypotheses. Reviews in the Neurosciences, 2007, 18, 93-114.	2.9	224
39	Hippocampal neurogenesis during normal and pathological aging. Psychoneuroendocrinology, 2007, 32, S26-S30.	2.7	44
40	Long-Term Potentiation Enhances Neurogenesis in the Adult Dentate Gyrus. Journal of Neuroscience, 2006, 26, 5888-5893.	3.6	254
41	Brainstem glycinergic neurons and their activation during active (rapid eye movement) sleep in the cat. Neuroscience, 2006, 142, 37-47.	2.3	42
42	New neurons in the dentate gyrus are involved in the expression of enhanced long-term memory following environmental enrichment. European Journal of Neuroscience, 2005, 21, 513-521.	2.6	419
43	Gene Control of Synaptic Plasticity and Memory Formation: Implications for Diseases and Therapeutic Strategies. Current Molecular Medicine, 2002, 2, 613-628.	1.3	11
44	Deficient Neurogenesis in Forebrain-Specific Presenilin-1 Knockout Mice Is Associated with Reduced Clearance of Hippocampal Memory Traces. Neuron, 2001, 32, 911-926.	8.1	443
45	Genetic analysis of learning behavior-induced structural plasticity. Hippocampus, 2000, 10, 605-609.	1.9	77
46	Enrichment induces structural changes and recovery from nonspatial memory deficits in CA1 NMDAR1-knockout mice. Nature Neuroscience, 2000, 3, 238-244.	14.8	699
47	Role and Origin of the GABAergic Innervation of Dorsal Raphe Serotonergic Neurons. Journal of Neuroscience, 2000, 20, 4217-4225.	3.6	274
48	NMDA Receptor-Dependent Synaptic Reinforcement as a Crucial Process for Memory Consolidation. Science, 2000, 290, 1170-1174.	12.6	495
49	Effects of environmental enrichment on gene expression in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12880-12884.	7.1	550
50	Origins of the glycinergic inputs to the rat locus coeruleus and dorsal raphe nuclei: a study combining retrograde tracing with glycine immunohistochemistry. European Journal of Neuroscience, 1999, 11, 1058-1066.	2.6	29
51	Genetic enhancement of learning and memory in mice. Nature, 1999, 401, 63-69.	27.8	1,666
52	Inhibitory Mechanisms in the Dorsal Raphe Nucleus and Locus Coeruleus During Sleep. , 1998, , .		1
53	Distribution of glycine-immunoreactive cell bodies and fibers in the rat brain. Neuroscience, 1996, 75, 737-755.	2.3	185
54	Origin of the glycinergic innervation of the rat trigeminal motor nucleus. NeuroReport, 1996, 7, 3081-3086.	1.2	46

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55	Lower brainstem catecholamine afferents to the rat dorsal raphe nucleus. , 1996, 364, 402-413.		118
56	VIP-like immunoreactive projections from the dorsal raphe and caudal linear raphe nuclei to the bed nucleus of the stria terminalis demonstrated by a double immunohistochemical method in the rat. Neuroscience Letters, 1995, 193, 77-80.	2.1	61