

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	Genetic enhancement of learning and memory in mice. <i>Nature</i> , 1999, 401, 63-69.	27.8	1,666
2	Enrichment induces structural changes and recovery from nonspatial memory deficits in CA1 NMDAR1-knockout mice. <i>Nature Neuroscience</i> , 2000, 3, 238-244.	14.8	699
3	Effects of environmental enrichment on gene expression in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12880-12884.	7.1	550
4	NMDA Receptor-Dependent Synaptic Reinforcement as a Crucial Process for Memory Consolidation. <i>Science</i> , 2000, 290, 1170-1174.	12.6	495
5	Deficient Neurogenesis in Forebrain-Specific Presenilin-1 Knockout Mice Is Associated with Reduced Clearance of Hippocampal Memory Traces. <i>Neuron</i> , 2001, 32, 911-926.	8.1	443
6	New neurons in the dentate gyrus are involved in the expression of enhanced long-term memory following environmental enrichment. <i>European Journal of Neuroscience</i> , 2005, 21, 513-521.	2.6	419
7	Role and Origin of the GABAergic Innervation of Dorsal Raphe Serotonergic Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 4217-4225.	3.6	274
8	Long-Term Potentiation Enhances Neurogenesis in the Adult Dentate Gyrus. <i>Journal of Neuroscience</i> , 2006, 26, 5888-5893.	3.6	254
9	Adult Hippocampal Neurogenesis, Synaptic Plasticity and Memory: Facts and Hypotheses. <i>Reviews in the Neurosciences</i> , 2007, 18, 93-114.	2.9	224
10	Alzheimer's-Type Amyloidosis in Transgenic Mice Impairs Survival of Newborn Neurons Derived from Adult Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2007, 27, 6771-6780.	3.6	203
11	Distribution of glycine-immunoreactive cell bodies and fibers in the rat brain. <i>Neuroscience</i> , 1996, 75, 737-755.	2.3	185
12	Recruitment of adult-generated neurons into functional hippocampal networks contributes to updating and strengthening of spatial memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5919-5924.	7.1	169
13	Lower brainstem catecholamine afferents to the rat dorsal raphe nucleus. , 1996, 364, 402-413.		118
14	Young hippocampal neurons are critical for recent and remote spatial memory in adult mice. <i>Neuroscience</i> , 2010, 171, 769-778.	2.3	108
15	Metformin Promotes Anxiolytic and Antidepressant-Like Responses in Insulin-Resistant Mice by Decreasing Circulating Branched-Chain Amino Acids. <i>Journal of Neuroscience</i> , 2019, 39, 5935-5948.	3.6	93
16	Impaired neurogenesis, neuronal loss, and brain functional deficits in the APPxPS1-Ki mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 407-418.	3.1	86
17	Genetic manipulation of adult-born hippocampal neurons rescues memory in a mouse model of Alzheimer's disease. <i>Brain</i> , 2015, 138, 440-455.	7.6	80
18	proBDNF is modified by advanced glycation end products in Alzheimer's disease and causes neuronal apoptosis by inducing p75 neurotrophin receptor processing. <i>Molecular Brain</i> , 2018, 11, 68.	2.6	79

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19	Genetic analysis of learning behavior-induced structural plasticity. <i>Hippocampus</i> , 2000, 10, 605-609.	1.9	77
20	Modifications of Hippocampal Circuits and Early Disruption of Adult Neurogenesis in the Tg2576 Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e76497.	2.5	69
21	Early Onset of Hypersynchronous Network Activity and Expression of a Marker of Chronic Seizures in the Tg2576 Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0119910.	2.5	68
22	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. <i>Neuroscience Letters</i> , 1995, 193, 77-80.	2.1	61
23	Reinstating plasticity and memory in a tauopathy mouse model with an acetyltransferase activator. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	61
24	Transient enriched housing before amyloidosis onset sustains cognitive improvement in Tg2576 mice. <i>Neurobiology of Aging</i> , 2013, 34, 211-225.	3.1	59
25	Attenuated Levels of Hippocampal Connexin 43 and its Phosphorylation Correlate with Antidepressant- and Anxiolytic-Like Activities in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 490.	3.7	58
26	Human iPSC-Derived Hippocampal Spheroids: An Innovative Tool for Stratifying Alzheimer Disease Patient-Specific Cellular Phenotypes and Developing Therapies. <i>Stem Cell Reports</i> , 2020, 15, 256-273.	4.8	49
27	Origin of the glycinergic innervation of the rat trigeminal motor nucleus. <i>NeuroReport</i> , 1996, 7, 3081-3086.	1.2	46
28	Hippocampal neurogenesis during normal and pathological aging. <i>Psychoneuroendocrinology</i> , 2007, 32, S26-S30.	2.7	44
29	Brainstem glycinergic neurons and their activation during active (rapid eye movement) sleep in the cat. <i>Neuroscience</i> , 2006, 142, 37-47.	2.3	42
30	Mitochondria in Developmental and Adult Neurogenesis. <i>Neurotoxicity Research</i> , 2019, 36, 257-267.	2.7	39
31	Impaired hippocampal plasticity and altered neurogenesis in adult Ube3a maternal deficient mouse model for Angelman syndrome. <i>Experimental Neurology</i> , 2009, 220, 341-348.	4.1	35
32	Amplifying mitochondrial function rescues adult neurogenesis in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017, 102, 113-124.	4.4	31
33	Origins of the glycinergic inputs to the rat locus coeruleus and dorsal raphe nuclei: a study combining retrograde tracing with glycine immunohistochemistry. <i>European Journal of Neuroscience</i> , 1999, 11, 1058-1066.	2.6	29
34	NCAM Function in the Adult Brain: Lessons from Mimetic Peptides and Therapeutic Potential. <i>Neurochemical Research</i> , 2013, 38, 1163-1173.	3.3	25
35	Differential alteration of hippocampal function and plasticity in females and males of the APPxPS1 mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 57, 220-231.	3.1	25
36	The neural cell adhesion molecule-derived peptide FGL facilitates long-term plasticity in the dentate gyrus in vivo. <i>Learning and Memory</i> , 2011, 18, 306-313.	1.3	23

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37	Targeting hippocampal adult neurogenesis using transcription factors to reduce Alzheimer's disease-associated memory impairments. <i>Hippocampus</i> , 2019, 29, 579-586.	1.9	22
38	Altered inhibitory function in hippocampal CA2 contributes in social memory deficits in Alzheimer's mouse model. <i>IScience</i> , 2022, 25, 103895.	4.1	21
39	Combined Experimental and Simulation Studies Suggest a Revised Mode of Action of the Anti-Alzheimer Disease Drug NQX. <i>Chemistry - A European Journal</i> , 2015, 21, 12657-12666.	3.3	20
40	Memory formation orchestrates the wiring of adult-born hippocampal neurons into brain circuits. <i>Brain Structure and Function</i> , 2017, 222, 2585-2601.	2.3	17
41	Age-related memory decline, dysfunction of the hippocampus and therapeutic opportunities. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 102, 109943.	4.8	16
42	Activation of nociceptin/orphanin FQ receptors inhibits contextual fear memory reconsolidation. <i>Neuropharmacology</i> , 2017, 125, 39-49.	4.1	15
43	Lack of correlation between the activity of the mesolimbic dopaminergic system and the rewarding properties of pregabalin in mouse. <i>Psychopharmacology</i> , 2019, 236, 2069-2082.	3.1	14
44	Hippocampal expression of a virus-derived protein impairs memory in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1611-1616.	7.1	12
45	Gene Control of Synaptic Plasticity and Memory Formation: Implications for Diseases and Therapeutic Strategies. <i>Current Molecular Medicine</i> , 2002, 2, 613-628.	1.3	11
46	Environmental enrichment does not influence hypersynchronous network activity in the Tg2576 mouse model of Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 178.	3.4	10
47	Prolonged Consumption of Sweetened Beverages Lastingly Deteriorates Cognitive Functions and Reward Processing in Mice. <i>Cerebral Cortex</i> , 2022, 32, 1365-1378.	2.9	10
48	Environmental enrichment rescues memory in mice deficient for the polysialyltransferase ST8SialV. <i>Brain Structure and Function</i> , 2016, 221, 1591-1605.	2.3	9
49	Sub-regions of the dorsal raphe nucleus receive different inputs from the brainstem. <i>Sleep Medicine</i> , 2018, 49, 53-63.	1.6	8
50	D1/5 dopamine receptors are necessary for learning a novel context. <i>Learning and Memory</i> , 2022, 29, 142-145.	1.3	4
51	proNGF Involvement in the Adult Neurogenesis Dysfunction in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10744.	4.1	3
52	What's New on Alzheimer's Disease? Insights From AD Mouse Models. , 2019, , 431-431.		1
53	Inhibitory Mechanisms in the Dorsal Raphe Nucleus and Locus Coeruleus During Sleep. , 1998, ,		1
54	Molecular and electrophysiological features of GABAergic neurons in the dentate gyrus reveal limited homology with cortical interneurons. <i>PLoS ONE</i> , 2022, 17, e0270981.	2.5	1

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55	Amyloidogenesis, Neurogenesis, Learning, and Memory in Alzheimer's Disease: Lessons from Transgenic Mouse Models. Molecular Medicine and Biotechnology, 2013, , 157-186.	0.4	0
56	Young Neurons Tickle Memory during REM Sleep. Neuron, 2020, 107, 397-398.	8.1	0