

Magdalena M Sauvage

List of Publications by Year in descending order

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39
papers

1,756
citations

304743

22
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315739

38
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45
docs citations

45
times ranked

2316
citing authors

#	ARTICLE	IF	CITATIONS
1	Noradrenergic Suppression of Persistent Firing in Hippocampal CA1 Pyramidal Cells through cAMP-PKA Pathway. <i>ENeuro</i> , 2021, 8, ENEURO.0440-20.2020.	1.9	6
2	Dendritic Kv4.2 potassium channels selectively mediate spatial pattern separation in the dentate gyrus. <i>IScience</i> , 2021, 24, 102876.	4.1	6
3	Lesion of the hippocampus selectively enhances LEC's activity during recognition memory based on familiarity. <i>Scientific Reports</i> , 2021, 11, 19085.	3.3	5
4	Visuospatial computer game play after memory reminder delivered three days after a traumatic film reduces the number of intrusive memories of the experimental trauma. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2020, 67, 101454.	1.2	26
5	Single-cell memory trace imaging with immediate-early genes. <i>Journal of Neuroscience Methods</i> , 2019, 326, 108368.	2.5	24
6	Age-related functional changes in domain-specific medial temporal lobe pathways. <i>Neurobiology of Aging</i> , 2018, 65, 86-97.	3.1	118
7	Spatial information is preferentially processed by the distal part of CA3: implication for memory retrieval. <i>Behavioural Brain Research</i> , 2018, 347, 116-123.	2.2	17
8	In vivo measurement of T_1 and T_2 relaxation times in awake pigeon and rat brains at 7T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1090-1100.	3.0	18
9	The memory for time and space differentially engages the proximal and distal parts of the hippocampal subfields CA1 and CA3. <i>PLoS Biology</i> , 2018, 16, e2006100.	5.6	39
10	Spatial information is preferentially processed by the distal part of CA3: Implication for memory retrieval. <i>Behavioural Brain Research</i> , 2018, 354, 31-38.	2.2	15
11	Optogenetic Destabilization of the Memory Trace in CA1: Insights into Reconsolidation and Retrieval Processes. <i>Cerebral Cortex</i> , 2017, 27, bhv282.	2.9	17
12	Recognition memory: Cellular evidence of a massive contribution of the LEC to familiarity and a lack of involvement of the hippocampal subfields CA1 and CA3. <i>Hippocampus</i> , 2017, 27, 1083-1092.	1.9	13
13	Regional Specific Evidence for Memory-Load Dependent Activity in the Dorsal Subiculum and the Lateral Entorhinal Cortex. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 51.	2.5	21
14	Simultaneous effects on parvalbumin-positive interneuron and dopaminergic system development in a transgenic rat model for sporadic schizophrenia. <i>Scientific Reports</i> , 2016, 6, 34946.	3.3	27
15	Encoding and reactivation patterns predictive of successful memory performance are topographically organized along the longitudinal axis of the hippocampus. <i>Hippocampus</i> , 2016, 26, 67-75.	1.9	16
16	Imaging a memory trace over half a life-time in the medial temporal lobe reveals a time-limited role of CA3 neurons in retrieval. <i>ELife</i> , 2016, 5, e11862.	6.0	27
17	Environmental enrichment modulates intrinsic cellular excitability of hippocampal CA1 pyramidal cells in a housing duration and anatomical location-dependent manner. <i>Behavioural Brain Research</i> , 2015, 292, 209-218.	2.2	14
18	Function and developmental origin of a mesocortical inhibitory circuit. <i>Nature Neuroscience</i> , 2015, 18, 872-882.	14.8	43

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19	Distribution of neurotransmitter receptors and zinc in the pigeon (<i>Columba livia</i>) hippocampal formation: A basis for further comparison with the mammalian hippocampus. <i>Journal of Comparative Neurology</i> , 2014, 522, 2553-2575.	1.6	57
20	Odors as effective retrieval cues for stressful episodes. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 230-236.	1.9	30
21	Processing of spatial and non-spatial information reveals functional homogeneity along the dorso-ventral axis of CA3, but not CA1. <i>Neurobiology of Learning and Memory</i> , 2014, 111, 56-64.	1.9	49
22	What we remember from a stressful episode. <i>Psychoneuroendocrinology</i> , 2013, 38, 2268-2277.	2.7	62
23	Spatial and stimulus-type tuning in the LEC, MEC, POR, PrC, CA1, and CA3 during spontaneous item recognition memory. <i>Hippocampus</i> , 2013, 23, 1425-1438.	1.9	38
24	Mapping memory function in the medial temporal lobe with the immediate-early gene Arc. <i>Behavioural Brain Research</i> , 2013, 254, 22-33.	2.2	40
25	Proximodistal Segregation of Nonspatial Information in CA3: Preferential Recruitment of a Proximal CA3-Distal CA1 Network in Nonspatial Recognition Memory. <i>Journal of Neuroscience</i> , 2013, 33, 11506-11514.	3.6	88
26	Towards a functional organization of episodic memory in the medial temporal lobe. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1597-1608.	6.1	306
27	NMDA signaling in CA1 mediates selectively the spatial component of episodic memory. <i>Learning and Memory</i> , 2012, 19, 164-169.	1.3	41
28	A Comparative Analysis of Episodic Memory. , 2012, , .		1
29	ROC in animals: Uncovering the neural substrates of recollection and familiarity in episodic recognition memory. <i>Consciousness and Cognition</i> , 2010, 19, 816-828.	1.5	16
30	Recognition memory: Adding a response deadline eliminates recollection but spares familiarity. <i>Learning and Memory</i> , 2010, 17, 104-108.	1.3	41
31	The Caudal Medial Entorhinal Cortex: a Selective Role in Recollection-Based Recognition Memory. <i>Journal of Neuroscience</i> , 2010, 30, 15695-15699.	3.6	36
32	Vasopressin 1b Receptor Knock-Out Impairs Memory for Temporal Order. <i>Journal of Neuroscience</i> , 2009, 29, 2676-2683.	3.6	129
33	Recognition memory: opposite effects of hippocampal damage on recollection and familiarity. <i>Nature Neuroscience</i> , 2008, 11, 16-18.	14.8	157
34	ROCs in rats? Response to Wixted and Squire. <i>Learning and Memory</i> , 2008, 15, 691-693.	1.3	11
35	Effects of the monoamine oxidase A inhibitor moclobemide on hippocampal plasticity in GR-impaired transgenic mice. <i>Journal of Psychiatric Research</i> , 2001, 35, 29-42.	3.1	40
36	Glucocorticoid receptor impairment enhances impulsive responding in transgenic mice performing on a simultaneous visual discrimination task. <i>European Journal of Neuroscience</i> , 2000, 12, 2559-2569.	2.6	17

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37	Mild deficits in mice lacking pituitary adenylate cyclase-activating polypeptide receptor type 1 (PAC1) performing on memory tasks. <i>Molecular Brain Research</i> , 2000, 84, 79-89.	2.3	54
38	Disrupted allocentric but preserved egocentric spatial learning in transgenic mice with impaired glucocorticoid receptor function. <i>Behavioural Brain Research</i> , 1999, 100, 77-89.	2.2	49
39	Excitotoxic hippocampal lesions disrupt allocentric spatial learning in mice: effects of strain and task demands. <i>Behavioural Brain Research</i> , 1999, 106, 151-164.	2.2	39