

Mathieu Wolff

List of Publications by Citations

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36

papers

1,058

citations

22

h-index

32

g-index

47

ext. papers

1,308

ext. citations

4.7

avg, IF

4.75

L-index

#	Paper	IF	Citations
36	The Cognitive Thalamus as a Gateway to Mental Representations. <i>Journal of Neuroscience</i> , 2019 , 39, 3-146.6	12.6	122
35	Beyond spatial memory: the anterior thalamus and memory for the temporal order of a sequence of odor cues. <i>Journal of Neuroscience</i> , 2006 , 26, 2907-13	6.6	73
34	Anterior but not intralaminar thalamic nuclei support allocentric spatial memory. <i>Neurobiology of Learning and Memory</i> , 2008 , 90, 71-80	3.1	53
33	Insular and Ventrolateral Orbitofrontal Cortices Differentially Contribute to Goal-Directed Behavior in Rodents. <i>Cerebral Cortex</i> , 2018 , 28, 2313-2325	5.1	47
32	Functional heterogeneity of the limbic thalamus: From hippocampal to cortical functions. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 54, 120-30	9	45
31	The intralaminar thalamic nuclei contribute to remote spatial memory. <i>Journal of Neuroscience</i> , 2009 , 29, 3302-6	6.6	44
30	Differential learning abilities of 129T2/Sv and C57BL/6J mice as assessed in three water maze protocols. <i>Behavioural Brain Research</i> , 2002 , 136, 463-74	3.4	43
29	A role for anterior thalamic nuclei in contextual fear memory. <i>Brain Structure and Function</i> , 2014 , 219, 1575-86	4	42
28	A role for anterior thalamic nuclei in affective cognition: interaction with environmental conditions. <i>Hippocampus</i> , 2013 , 23, 392-404	3.5	41
27	Spatial learning in the 5-HT1B receptor knockout mouse: selective facilitation/impairment depending on the cognitive demand. <i>Learning and Memory</i> , 2003 , 10, 466-77	2.8	38
26	Thalamocortical and corticothalamic pathways differentially contribute to goal-directed behaviors in the rat. <i>ELife</i> , 2018 , 7,	8.9	38
25	Odour-place paired-associate learning and limbic thalamus: comparison of anterior, lateral and medial thalamic lesions. <i>Behavioural Brain Research</i> , 2006 , 172, 155-68	3.4	31
24	Anterior thalamic nuclei lesions and recovery of function: Relevance to cognitive thalamus. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 54, 145-60	9	30
23	Age-dependent effects of serotonin-1A receptor gene deletion in spatial learning abilities in mice. <i>Molecular Brain Research</i> , 2004 , 130, 39-48		29
22	Serotonin 1B knockout mice exhibit a task-dependent selective learning facilitation. <i>Neuroscience Letters</i> , 2003 , 338, 1-4	3.3	28
21	Parallel inputs from the mediodorsal thalamus to the prefrontal cortex in the rat. <i>European Journal of Neuroscience</i> , 2016 , 44, 1972-86	3.5	28
20	The extended hippocampal-diencephalic memory system: enriched housing promotes recovery of the flexible use of spatial representations after anterior thalamic lesions. <i>Hippocampus</i> , 2008 , 18, 996-1007	3.5	27

19	Towards therapy to relieve memory impairment after anterior thalamic lesions: improved spatial working memory after immediate and delayed postoperative enrichment. <i>European Journal of Neuroscience</i> , 2007 , 26, 3267-76	3.5	26
18	Protective effect of 5-HT1B receptor gene deletion on the age-related decline in spatial learning abilities in mice. <i>Behavioural Brain Research</i> , 2003 , 142, 135-42	3.4	26
17	The concept of brain plasticity--Paillard's systemic analysis and emphasis on structure and function (followed by the translation of a seminal paper by Paillard on plasticity). <i>Behavioural Brain Research</i> , 2008 , 192, 2-7	3.4	25
16	Lesions of the anterior thalamic nuclei and intralaminar thalamic nuclei: place and visual discrimination learning in the water maze. <i>Brain Structure and Function</i> , 2013 , 218, 657-67	4	24
15	Extinction of spatial memory alters CREB phosphorylation in hippocampal CA1. <i>Hippocampus</i> , 2011 , 21, 1169-79	3.5	22
14	Dissociable effects of anterior and mediodorsal thalamic lesions on spatial goal-directed behavior. <i>Brain Structure and Function</i> , 2016 , 221, 79-89	4	21
13	Hyperfunction of muscarinic receptor maintains long-term memory in 5-HT4 receptor knock-out mice. <i>PLoS ONE</i> , 2010 , 5, e9529	3.7	20
12	Flexible Use of Predictive Cues beyond the Orbitofrontal Cortex: Role of the Submedial Thalamic Nucleus. <i>Journal of Neuroscience</i> , 2015 , 35, 13183-93	6.6	19
11	Reduced cytochrome oxidase activity in the retrosplenial cortex after lesions to the anterior thalamic nuclei. <i>Behavioural Brain Research</i> , 2013 , 250, 264-73	3.4	16
10	A thalamocortical circuit for updating action-outcome associations. <i>ELife</i> , 2019 , 8,	8.9	16
9	Impaired spatial working memory after anterior thalamic lesions: recovery with cerebrolysin and enrichment. <i>Brain Structure and Function</i> , 2016 , 221, 1955-70	4	15
8	The reuniens and rhomboid nuclei are necessary for contextual fear memory persistence in rats. <i>Brain Structure and Function</i> , 2020 , 225, 955-968	4	14
7	Delay-dependent working memory impairment in young-adult and aged 5-HT1BKO mice as assessed in a radial-arm water maze. <i>Learning and Memory</i> , 2003 , 10, 401-9	2.8	14
6	Mediodorsal but not anterior thalamic nuclei lesions impair acquisition of a conditional discrimination task. <i>Neurobiology of Learning and Memory</i> , 2015 , 125, 80-4	3.1	12
5	Reflections on the use of the concept of plasticity in neurobiology. Translation and adaptation by Bruno Will, John Dalrymple-Alford, Mathieu Wolff and Jean-Christophe Cassel from J. Paillard, <i>J Psychol</i> 1976;1:33-47. <i>Behavioural Brain Research</i> , 2008 , 192, 7-11	3.4	10
4	A thalamic bridge from sensory perception to cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 120, 222-235	9	10
3	Targeting Reciprocally Connected Brain Regions Through CAV-2 Mediated Interventions. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 303	6.1	4
2	Interaction between the nature of the information and the cognitive requirement of the task in problem solving in mice. <i>Cognitive Brain Research</i> , 2004 , 21, 289-300		3

1 Vitamin A deficiency impairs contextual fear memory in rats: Abnormalities in the glucocorticoid pathway. *Journal of Neuroendocrinology*, **2019**, 31, e12802

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