

Guy Bouvier

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

576
citations

840119

11
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

1027
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply to Piochon et al.: NMDARs in Purkinje cells are not involved in parallel fiberâ€Purkinje cell synaptic plasticity or motor learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	1
2	NMDARs in granule cells contribute to parallel fiberâ€Purkinje cell synaptic plasticity and motor learning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
3	Head Movements Control the Activity of Primary Visual Cortex in a Luminance-Dependent Manner. Neuron, 2020, 108, 500-511.e5.	3.8	53
4	Cross-hemispheric gamma synchrony between prefrontal parvalbumin interneurons supports behavioral adaptation during rule shift learning. Nature Neuroscience, 2020, 23, 892-902.	7.1	50
5	Towards resolving the presynaptic NMDA receptor debate. Current Opinion in Neurobiology, 2018, 51, 1-7.	2.0	68
6	Cerebellar learning using perturbations. ELife, 2018, 7, .	2.8	41
7	Reallocation of Olfactory Cajal-Retzius Cells Shapes Neocortex Architecture. Neuron, 2016, 92, 435-448.	3.8	43
8	Burst-Dependent Bidirectional Plasticity in the Cerebellum Is Driven by Presynaptic NMDA Receptors. Cell Reports, 2016, 15, 104-116.	2.9	51
9	Contribution of postsynaptic Tâ€type calcium channels to parallel fibreâ€Purkinje cell synaptic responses. Journal of Physiology, 2016, 594, 915-936.	1.3	15
10	Properties and molecular identity of NMDA receptors at synaptic and non-synaptic inputs in cerebellar molecular layer interneurons. Frontiers in Synaptic Neuroscience, 2015, 7, 1.	1.3	26
11	Sox2 Sustains Recruitment of Oligodendrocyte Progenitor Cells following CNS Demyelination and Primes Them for Differentiation during Remyelination. Journal of Neuroscience, 2015, 35, 11482-11499.	1.7	67
12	Presynaptic NMDA receptors: Roles and rules. Neuroscience, 2015, 311, 322-340.	1.1	65
13	T-type channel blockade impairs long-term potentiation at the parallel fiberâ€Purkinje cell synapse and cerebellar learning. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20302-20307.	3.3	65
14	Persistent Posttetanic Depression at Cerebellar Parallel Fiber to Purkinje Cell Synapses. PLoS ONE, 2013, 8, e70277.	1.1	6