Guy Bouvier

List of Publications by Year
in descending order

14	576	840119 11	1058022 14
papers	citations	h-index	g-index

17	17	17	1027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards resolving the presynaptic NMDA receptor debate. Current Opinion in Neurobiology, 2018, 51, 1-7.	2.0	68
2	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
3	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
4	Presynaptic NMDA receptors: Roles and rules. Neuroscience, 2015, 311, 322-340.	1.1	65
5	Head Movements Control the Activity of Primary Visual Cortex in a Luminance-Dependent Manner. Neuron, 2020, 108, 500-511.e5.	3.8	53
6	Burst-Dependent Bidirectional Plasticity in the Cerebellum Is Driven by Presynaptic NMDA Receptors. Cell Reports, 2016, 15, 104-116.	2.9	51
7	Cross-hemispheric gamma synchrony between prefrontal parvalbumin interneurons supports behavioral adaptation during rule shift learning. Nature Neuroscience, 2020, 23, 892-902.	7.1	50
8	Reallocation of Olfactory Cajal-Retzius Cells Shapes Neocortex Architecture. Neuron, 2016, 92, 435-448.	3.8	43
9	Cerebellar learning using perturbations. ELife, 2018, 7, .	2.8	41
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	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
12	Contribution of postsynaptic Tâ€type calcium channels to parallel fibreâ€Purkinje cell synaptic responses. Journal of Physiology, 2016, 594, 915-936.	1.3	15
13	Persistent Posttetanic Depression at Cerebellar Parallel Fiber to Purkinje Cell Synapses. PLoS ONE, 2013, 8, e70277.	1.1	6
14	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