

Monika S Brill

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,142
citations

516710

16
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

3327
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult generation of glutamatergic olfactory bulb interneurons. <i>Nature Neuroscience</i> , 2009, 12, 1524-1533.	14.8	325
2	Vasculature Guides Migrating Neuronal Precursors in the Adult Mammalian Forebrain via Brain-Derived Neurotrophic Factor Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 4172-4188.	3.6	310
3	Adult Neurogenesis Requires Smad4-Mediated Bone Morphogenic Protein Signaling in Stem Cells. <i>Journal of Neuroscience</i> , 2008, 28, 434-446.	3.6	228
4	A Dlx2- and Pax6-Dependent Transcriptional Code for Periglomerular Neuron Specification in the Adult Olfactory Bulb. <i>Journal of Neuroscience</i> , 2008, 28, 6439-6452.	3.6	185
5	STIM1 Controls Neuronal Ca ²⁺ Signaling, mGluR1-Dependent Synaptic Transmission, and Cerebellar Motor Behavior. <i>Neuron</i> , 2014, 82, 635-644.	8.1	162
6	Multiparametric optical analysis of mitochondrial redox signals during neuronal physiology and pathology in vivo. <i>Nature Medicine</i> , 2014, 20, 555-560.	30.7	143
7	Continuous live imaging of adult neural stem cell division and lineage progression in vitro. <i>Development (Cambridge)</i> , 2011, 138, 1057-1068.	2.5	139
8	AP2 β regulates basal progenitor fate in a region- and layer-specific manner in the developing cortex. <i>Nature Neuroscience</i> , 2009, 12, 1229-1237.	14.8	101
9	Axonal transport deficits and degeneration can evolve independently in mouse models of amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4296-4301.	7.1	100
10	Meis2 is a Pax6 co-factor in neurogenesis and dopaminergic periglomerular fate specification in the adult olfactory bulb. <i>Development (Cambridge)</i> , 2014, 141, 28-38.	2.5	99
11	Branch-Specific Microtubule Destabilization Mediates Axon Branch Loss during Neuromuscular Synapse Elimination. <i>Neuron</i> , 2016, 92, 845-856.	8.1	89
12	Sequential generation of olfactory bulb glutamatergic neurons by Neurog2-expressing precursor cells. <i>Neural Development</i> , 2011, 6, 12.	2.4	66
13	Spatial constraints dictate glial territories at murine neuromuscular junctions. <i>Journal of Cell Biology</i> , 2011, 195, 293-305.	5.2	47
14	Congenetic expression of poly-GA but not poly-PR in mice triggers selective neuron loss and interferon responses found in C9orf72 ALS. <i>Acta Neuropathologica</i> , 2020, 140, 121-142.	7.7	44
15	<sc>CRMP</sc> 2 mediates Sema3F-dependent axon pruning and dendritic spine remodeling. <i>EMBO Reports</i> , 2020, 21, e48512.	4.5	33
16	EGF induces CREB and ERK activation at the wall of the mouse lateral ventricles. <i>Brain Research</i> , 2011, 1376, 31-41.	2.2	22
17	Non-cell-autonomous function of DR6 in Schwann cell proliferation. <i>EMBO Journal</i> , 2018, 37, .	7.8	14
18	The Microtubule Severing Protein Katanin Regulates Proliferation of Neuronal Progenitors in Embryonic and Adult Neurogenesis. <i>Scientific Reports</i> , 2019, 9, 15940.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Sequential Photo-bleaching to Delineate Single Schwann Cells at the Neuromuscular Junction. Journal of Visualized Experiments, 2013, , e4460.	0.3	7
20	Completion of neuronal remodeling prompts myelination along developing motor axon branches. Journal of Cell Biology, 2021, 220, .	5.2	7
21	Multi-omics profiling identifies a deregulated FUS-MAP1B axis in ALS/FTD-associated UBQLN2 mutants. Life Science Alliance, 2022, 5, e202101327.	2.8	6
22	Neural labeling and manipulation by neonatal intraventricular viral injection in mice. STAR Protocols, 2022, 3, 101081.	1.2	5
23	Continuous live imaging of adult neural stem cell division and lineage progression in vitro. Journal of Cell Science, 2011, 124, e1-e1.	2.0	0