Mona Buhusi

List of Publications by Year
in descending order

30 papers	979 citations	516710 16 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	1325 citing authors

#	Article	IF	Citations
1	Ankyrin-B Is Required for Intracellular Sorting of Structurally Diverse Ca2+ Homeostasis Proteins. Journal of Cell Biology, 1999, 147, 995-1008.	5.2	117
2	Abnormal Cardiac Na ⁺ Channel Properties and QT Heart Rate Adaptation in Neonatal Ankyrin _B Knockout Mice. Circulation Research, 2000, 86, 441-447.	4.5	104
3	Close Homolog of L1 Is an Enhancer of Integrin-mediated Cell Migration. Journal of Biological Chemistry, 2003, 278, 25024-25031.	3.4	84
4	Nerve growth factor metabolic dysfunction in Downâ€™s syndrome brains. Brain, 2014, 137, 860-872.	7.6	75
5	Lifetime estrogen exposure and cognition in late life: the Cache County Study. Menopause, 2019, 26, 1366-1374.	2.0	62
6	L1 Interaction with Ankyrin Regulates Mediolateral Topography in the Retinocollicular Projection. Journal of Neuroscience, 2008, 28, 177-188.	3.6	57
7	CHL1 promotes Sema3A-induced growth cone collapse and neurite elaboration through a motif required for recruitment of ERM proteins to the plasma membrane. Journal of Neurochemistry, 2007, 104, 071108171001015-???.	3.9	54
8	ALCAM Regulates Mediolateral Retinotopic Mapping in the Superior Colliculus. Journal of Neuroscience, 2009, 29, 15630-15641.	3.6	46
9	Increased Hippocampal ProBDNF Contributes to Memory Impairments in Aged Mice. Frontiers in Aging Neuroscience, 2017, 9, 284.	3.4	46
10	Endocytosis of Î²1 integrins is an early event in migration promoted by the cell adhesion molecule L1. Experimental Cell Research, 2005, 312, 299-307.	2.6	41
11	Cholinergic Degeneration and Alterations in the TrkA and p75NTR Balance as a Result of Pro-NGF Injection into Aged Rats. Journal of Aging Research, 2011, 2011, 1-10.	0.9	34
12	Dissociation of the role of the prelimbic cortex in interval timing and resource allocation: beneficial effect of norepinephrine and dopamine reuptake inhibitor nomifensine on anxiety-inducing distraction. Frontiers in Integrative Neuroscience, 2012, 6, 111.	2.1	32
13	The nigrostriatal dopamine system of aging GFRÎ±â€1 heterozygous mice: neurochemistry, morphology and behavior. European Journal of Neuroscience, 2008, 28, 1557-1568.	2.6	29
14	Clocks within clocks: timing by coincidence detection. Current Opinion in Behavioral Sciences, 2016, 8, 207-213.	3.9	23
15	Inactivation of the Medial-Prefrontal Cortex Impairs Interval Timing Precision, but Not Timing Accuracy or Scalar Timing in a Peak-Interval Procedure in Rats. Frontiers in Integrative Neuroscience, 2018, 12, 20.	2.1	23
16	Impaired Interval Timing and Spatialâ€“Temporal Integration in Mice Deficient in CHL1, a Gene Associated with Schizophrenia. Timing and Time Perception, 2013, 1, 21-38.	0.6	21
17	Scalar timing in memory: A temporal map in the hippocampus. Journal of Theoretical Biology, 2018, 438, 133-142.	1.7	18
18	Neuron Glia-Related Cell Adhesion Molecule (NrCAM) Promotes Topographic Retinocollicular Mapping. PLoS ONE, 2013, 8, e73000.	2.5	17

#	Article	IF	Citations
19	Sex Differences in Risk for Alzheimerâ€™s Disease Related to Neurotrophin Gene Polymorphisms: The Cache County Memory Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1607-1613.	3.6	15
20	EphB regulates L1 phosphorylation during retinocollicular mapping. Molecular and Cellular Neurosciences, 2012, 50, 201-210.	2.2	13
21	Biological and Cognitive Frameworks for a Mental Timeline. Frontiers in Neuroscience, 2018, 12, 377.	2.8	13
22	Sex differences in interval timing and attention to time in C57Bl/6J mice. Behavioural Brain Research, 2017, 324, 96-99.	2.2	11
23	A Population-Based Model of the Temporal Memory in the Hippocampus. Frontiers in Neuroscience, 2018, 12, 521.	2.8	10
24	Chronic mild stress impairs latent inhibition and induces region-specific neural activation in CHL1-deficient mice, a mouse model of schizophrenia. Behavioural Brain Research, 2017, 333, 1-8.	2.2	9
25	Stress-Induced Executive Dysfunction in GDNF-Deficient Mice, A Mouse Model of Parkinsonism. Frontiers in Behavioral Neuroscience, 2016, 10, 114.	2.0	7
26	Increased temporal discounting after chronic stress in CHL1-deficient mice is reversed by 5-HT2C agonist Ro 60-0175. Neuroscience, 2017, 357, 110-118.	2.3	7
27	Interaction Between Physical Activity and Genes Related to Neurotrophin Signaling in Late-Life Cognitive Performance: The Cache County Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1633-1642.	3.6	7
28	Impaired Latent Inhibition in GDNF-Deficient Mice Exposed to Chronic Stress. Frontiers in Behavioral Neuroscience, 2017, 11, 177.	2.0	3
29	Blockade of Catecholamine Reuptake in the Prelimbic Cortex Decreases Top-Down Attentional Control in Response to Novel, but not Familiar Appetitive Distracters, within a Timing Paradigm. NeuroSci, 2020, 1, 99-114.	1.2	1
30	Not All Mice Are Created Equal: Interval Timing Accuracy and Scalar Timing in 129, Swiss-Webster, and C57BL/6 Mice. Timing and Time Perception, 2022, 11, 242-262.	0.6	0