Mark Zervas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5758932/publications.pdf

Version: 2024-02-01

25 papers	1,835 citations	394421 19 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	2173 citing authors

#	Article	IF	Citations
1	Critical role for glycosphingolipids in Niemann-Pick disease type C. Current Biology, 2001, 11, 1283-1287.	3.9	308
2	Cell Behaviors and Genetic Lineages of the Mesencephalon and Rhombomere 1. Neuron, 2004, 43, 345-357.	8.1	265
3	Neurons in Niemann-Pick Disease Type C Accumulate Gangliosides as Well as Unesterified Cholesterol and Undergo Dendritic and Axonal Alterations. Journal of Neuropathology and Experimental Neurology, 2001, 60, 49-64.	1.7	236
4	Genetic inducible fate mapping in mouse: Establishing genetic lineages and defining genetic neuroanatomy in the nervous system. Developmental Dynamics, 2006, 235, 2376-2385.	1.8	173
5	Neuronal abnormalities in microtubule-associated protein 1B mutant mice.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1270-1275.	7.1	150
6	Classical Embryological Studies and Modern Genetic Analysis of Midbrain and Cerebellum Development. Current Topics in Developmental Biology, 2005, 69, 101-138.	2.2	86
7	Gangliosides as Modulators of Dendritogenesis in Normal and Storage Disease-affected Pyramidal Neurons. Cerebral Cortex, 2000, 10, 1028-1037.	2.9	77
8	Temporal and Mosaic Tsc1 Deletion in the Developing Thalamus Disrupts Thalamocortical Circuitry, Neural Function, and Behavior. Neuron, 2013, 78, 895-909.	8.1	60
9	Timing of Sonic hedgehog and Gli1 expression segregates midbrain dopamine neurons. Journal of Comparative Neurology, 2011, 519, 3001-3018.	1.6	59
10	Rare and Common Variants Conferring Risk of Tooth Agenesis. Journal of Dental Research, 2018, 97, 515-522.	5.2	52
11	Dynamic temporal requirement ofWnt1in midbrain dopamine neuron development. Development (Cambridge), 2013, 140, 1342-1352.	2.5	44
12	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. Pediatric Neurology, 2016, 60, 1-12.	2.1	43
13	Ferret pyramidal cell dendritogenesis: Changes in morphology and ganglioside expression during cortical development. , 1999, 413, 429-448.		36
14	GM2 Ganglioside as a Regulator of Pyramidal Neuron Dendritogenesisa. Annals of the New York Academy of Sciences, 1998, 845, 188-199.	3.8	32
15	Molecular organization and timing of Wnt1 expression define cohorts of midbrain dopamine neuron progenitors in vivo. Journal of Comparative Neurology, 2011, 519, 2978-3000.	1.6	32
16	Wnt1 expression temporally allocates upper rhombic lip progenitors and defines their terminal cell fate in the cerebellum. Molecular and Cellular Neurosciences, 2012, 49, 217-229.	2.2	32
17	Impaired hippocampal long-term potentiation in microtubule-associated protein 1B-deficient mice. Journal of Neuroscience Research, 2005, 82, 83-92.	2.9	25
18	The Lineage Contribution and Role of Gbx2 in Spinal Cord Development. PLoS ONE, 2011, 6, e20940.	2.5	24

#	Article	IF	Citations
19	Tamoxifen dose response and conditional cell marking: Is there control?. Molecular and Cellular Neurosciences, 2010, 45, 132-138.	2.2	21
20	MAP1B mutations cause intellectual disability and extensive white matter deficit. Nature Communications, 2018, 9, 3456.	12.8	21
21	Comparative analysis of conditional reporter alleles in the developing embryo and embryonic nervous system. Gene Expression Patterns, 2009, 9, 475-489.	0.8	17
22	A Practical Approach to Genetic Inducible Fate Mapping: A Visual Guide to Mark and Track Cells In Vivo. Journal of Visualized Experiments, 2009, , .	0.3	17
23	Genetic dissection of midbrain dopamine neuron development in vivo. Developmental Biology, 2012, 372, 249-262.	2.0	17
24	The Temporal Contribution of the Gbx2 Lineage to Cerebellar Neurons. Frontiers in Neuroanatomy, 2017, 11, 50.	1.7	5
25	Temporal Expression of Wnt1 Defines the Competency State and Terminal Identity of Progenitors in the Developing Cochlear Nucleus and Inferior Colliculus. Frontiers in Neuroanatomy, 2017, 11, 67.	1.7	2