M Elizabeth Ross

List of Publications by Year
in descending order

21	872	687220 13	677027 22
papers	citations	h-index	g-index

23	23	23	1581
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. Nature Biotechnology, 2022, 40, 1082-1092.	9.4	52
2	Astrocytes derived from ASD individuals alter behavior and destabilize neuronal activity through aberrant Ca2+ signaling. Molecular Psychiatry, 2022, 27, 2470-2484.	4.1	26
3	A spatially resolved brain region- and cell type-specific isoform atlas of the postnatal mouse brain. Nature Communications, 2021, 12, 463.	5.8	109
4	Genome-wide investigation identifies a rare copy-number variant burden associated with human spina bifida. Genetics in Medicine, 2021, 23, 1211-1218.	1.1	10
5	Unraveling the complex genetics of neural tube defects: From biological models to human genomics and back. Genesis, 2021, 59, e23459.	0.8	19
6	Systems biology analysis of human genomes points to key pathways conferring spina bifida risk. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
7	Loss ofRAD9Bimpairs early neural development and contributes to the risk for human spina bifida. Human Mutation, 2020, 41, 786-799.	1.1	14
8	Unlocking the genetic complexity of congenital hydrocephalus. Nature Medicine, 2020, 26, 1682-1683.	15.2	5
9	Postzygotic inactivating mutations of RHOA cause a mosaic neuroectodermal syndrome. Nature Genetics, 2019, 51, 1438-1441.	9.4	25
10	SLC35A2â€CDG: Functional characterization, expanded molecular, clinical, and biochemical phenotypes of 30 unreported Individuals. Human Mutation, 2019, 40, 908-925.	1.1	39
11	Tight junction protein occludin regulates progenitor Self-Renewal and survival in developing cortex. ELife, 2019, 8, .	2.8	27
12	Mature Hippocampal Neurons Require LIS1 for Synaptic Integrity: Implications for Cognition. Biological Psychiatry, 2018, 83, 518-529.	0.7	11
13	Single-cell isoform RNA sequencing characterizes isoforms in thousands of cerebellar cells. Nature Biotechnology, 2018, 36, 1197-1202.	9.4	253
14	Wiring the Human Brain: A Userâ€™s Handbook. Neuron, 2017, 95, 482-485.	3.8	11
15	Mutation in noncoding <scp>RNA RNU12</scp> causes early onset cerebellar ataxia. Annals of Neurology, 2017, 81, 68-78.	2.8	68
16	Interneuron precursor transplants in adult hippocampus reverse psychosis-relevant features in a mouse model of hippocampal disinhibition. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7450-7455.	3.3	81
17	Cell cycle regulation and interneuron production. Developmental Neurobiology, 2011, 71, 2-9.	1.5	13
18	Genes and the long and winding road to cortical construction and cognition. Neurobiology of Disease, 2010, 38, 145-147.	2.1	1

#	Article	IF	Citations
19	Geneâ€“environment interactions, folate metabolism and the embryonic nervous system. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 471-480.	6.6	28
20	Functional interactions between the LRP6 WNT co-receptor and folate supplementation. Human Molecular Genetics, 2010, 19, 4560-4572.	1.4	41
21	Mechanistic insights into folate supplementation fromCrooked tailand other NTDâ€prone mutant mice. Birth Defects Research Part A: Clinical and Molecular Teratology, 2009, 85, 314-321.	1.6	26