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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7010452/publications.pdf

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26	813	567281	580821
papers	citations	15 h-index	25 g-index

28	28	28	1092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Altered differentiation of neural stem cells in fragile X syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17834-17839.	7.1	155
2	BDNF and TrkB in neuronal differentiation of Fmr1-knockout mouse. Neurobiology of Disease, 2011, 41, 469-480.	4.4	81
3	Aberrant differentiation of glutamatergic cells in neocortex of mouse model for fragile X syndrome. Neurobiology of Disease, 2009, 33, 250-259.	4.4	72
4	BDNF in fragile X syndrome. Neuropharmacology, 2014, 76, 729-736.	4.1	60
5	Functional changes of AMPA responses in human induced pluripotent stem cellâ€“derived neural progenitors in fragile X syndrome. Science Signaling, 2018, 11, .	3.6	54
6	Metabotropic glutamate receptor 5 responses dictate differentiation of neural progenitors to NMDAâ€responsive cells in fragile X syndrome. Developmental Neurobiology, 2017, 77, 438-453.	3.0	38
7	Integrative Analysis Identifies Key Molecular Signatures Underlying Neurodevelopmental Deficits in Fragile X Syndrome. Biological Psychiatry, 2020, 88, 500-511.	1.3	33
8	Distinctive behavioral and cellular responses to fluoxetine in the mouse model for Fragile X syndrome. Frontiers in Cellular Neuroscience, 2014, 8, 150.	3.7	32
9	Effect of glutamate receptor antagonists on migrating neural progenitor cells. European Journal of Neuroscience, 2013, 37, 1369-1382.	2.6	30
10	The Val66Met polymorphism in the BDNF gene is associated with epilepsy in fragile X syndrome. Epilepsy Research, 2009, 85, 114-117.	1.6	29
11	Neurotransmitter responsiveness during early maturation of neural progenitor cells. Differentiation, 2009, 77, 188-198.	1.9	27
12	Increased Calcium Influx through L-type Calcium Channels in Human and Mouse Neural Progenitors Lacking Fragile X Mental Retardation Protein. Stem Cell Reports, 2018, 11, 1449-1461.	4.8	27
13	Astrocytes in Neuropathologies Affecting the Frontal Cortex. Frontiers in Cellular Neuroscience, 2019, 13, 44.	3.7	24
14	Elevated de novo protein synthesis in FMRP-deficient human neurons and its correction by metformin treatment. Molecular Autism, 2020, 11, 41.	4.9	23
15	Tissue Plasminogen Activator Contributes to Alterations of Neuronal Migration and Activity-Dependent Responses in Fragile X Mice. Journal of Neuroscience, 2014, 34, 1916-1923.	3.6	22
16	Cortical neurogenesis in fragile X syndrome. Frontiers in Bioscience - Scholar, 2016, 8, 160-168.	2.1	17
17	Differentiation of Neuronal Cells in Fragile X Syndrome. Cell Cycle, 2006, 5, 1528-1530.	2.6	13
18	Epileptic Electroencephalography Profile Associates with Attention Problems in Children with Fragile X Syndrome: Review and Case Series. Frontiers in Human Neuroscience, 2016, 10, 353.	2.0	13

#	Article	IF	Citations
19	Urokinase plasminogen activator mediates changes in human astrocytes modeling fragile X syndrome. Glia, 2021, 69, 2947-2962.	4.9	12
20	Rgs4 mRNA expression is decreased in the brain of Fmr1 knockout mouse. Molecular Brain Research, 2005, 133, 162-165.	2.3	11
21	Dysregulated Ca2+-Permeable AMPA Receptor Signaling in Neural Progenitors Modeling Fragile X Syndrome. Frontiers in Synaptic Neuroscience, 2019, 11, 2.	2.5	10
22	Urine microRNA Profiling Displays miR-125a Dysregulation in Children with Fragile X Syndrome. Cells, 2020, 9, 289.	4.1	10
23	Generation of the Human Pluripotent Stem-Cell-Derived Astrocyte Model with Forebrain Identity. Brain Sciences, 2021, 11, 209.	2.3	10
24	Increased iron content in the heart of the Fmr1 knockout mouse. BioMetals, 2021, 34, 947-954.	4.1	5
25	Neural Stem Cells. Results and Problems in Cell Differentiation, 2012, 54, 33-40.	0.7	4
26	Modeling FXS with Mouse Neural Progenitors. Methods in Molecular Biology, 2019, 1942, 71-78.	0.9	0