

Elva Diaz

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

904
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1653
citing authors

#	ARTICLE	IF	CITATIONS
1	Amylin deposition in the brain: A second amyloid in Alzheimer disease?. <i>Annals of Neurology</i> , 2013, 74, 517-526.	5.3	272
2	SynDIG1: An Activity-Regulated, AMPA- Receptor-Interacting Transmembrane Protein that Regulates Excitatory Synapse Development. <i>Neuron</i> , 2010, 65, 80-93.	8.1	128
3	Molecular Analysis of Gene Expression in the Developing Pontocerebellar Projection System. <i>Neuron</i> , 2002, 36, 417-434.	8.1	84
4	Regulation of AMPA receptors by transmembrane accessory proteins. <i>European Journal of Neuroscience</i> , 2010, 32, 261-268.	2.6	52
5	Analysis of gene expression in the developing mouse retina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5491-5496.	7.1	44
6	SynDIG4/Prrt1 Is Required for Excitatory Synapse Development and Plasticity Underlying Cognitive Function. <i>Cell Reports</i> , 2018, 22, 2246-2253.	6.4	41
7	A Novel Role of the Mad Family Member Mad3 in Cerebellar Granule Neuron Precursor Proliferation. <i>Molecular and Cellular Biology</i> , 2007, 27, 8178-8189.	2.3	31
8	Mechanisms of excitatory synapse maturation by trans-synaptic organizing complexes. <i>Current Opinion in Neurobiology</i> , 2011, 21, 221-227.	4.2	31
9	Loss of SynDIG1 Reduces Excitatory Synapse Maturation But Not Formation <i>In Vivo</i> . <i>ENeuro</i> , 2016, 3, ENEURO.0130-16.2016.	1.9	30
10	From cerebellar proliferation to tumorigenesis: New insights into the role of Mad3. <i>Cell Cycle</i> , 2008, 7, 423-427.	2.6	29
11	Activity-Dependent Palmitoylation Controls SynDIG1 Stability, Localization, and Function. <i>Journal of Neuroscience</i> , 2016, 36, 7562-7568.	3.6	29
12	Role of MXD3 in Proliferation of DAOY Human Medulloblastoma Cells. <i>PLoS ONE</i> , 2012, 7, e38508.	2.5	24
13	Distribution of the SynDIG4/proline-rich transmembrane protein 1 in rat brain. <i>Journal of Comparative Neurology</i> , 2016, 524, 2266-2280.	1.6	18
14	Focus Formation: A Cell-based Assay to Determine the Oncogenic Potential of a Gene. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	17
15	Novel targeted therapy for neuroblastoma: silencing the MXD3 gene using siRNA. <i>Pediatric Research</i> , 2017, 82, 527-535.	2.3	16
16	From microarrays to mechanisms of brain development and function. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 129-131.	2.1	13
17	Alternative Splicing of MXD3 and Its Regulation of MXD3 Levels in Glioblastoma. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 5.	3.5	10
18	SynDIG1 regulation of excitatory synapse maturation. <i>Journal of Physiology</i> , 2012, 590, 33-38.	2.9	8

#	ARTICLE	IF	CITATIONS
19	SynDIG1 regulation of synaptic AMPA receptor targeting. <i>Communicative and Integrative Biology</i> , 2010, 3, 347-349.	1.4	7
20	DNA Microarrays: Sample Quality Control, Array Hybridization and Scanning. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	7
21	Acyl-PEGyl Exchange Gel Shift Assay for Quantitative Determination of Palmitoylation of Brain Membrane Proteins. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
22	Beyond the AMPA receptor: Diverse roles of SynDIG/PRRT brain-specific transmembrane proteins at excitatory synapses. <i>Current Opinion in Pharmacology</i> , 2021, 58, 76-82.	3.5	4
23	One Decade Later: What has Gene Expression Profiling Told us About Neuronal Cell Types, Brain Function and Disease?. <i>Current Genomics</i> , 2009, 10, 318-325.	1.6	3
24	Mutually Dependent Clustering of SynDIG4/PRRT1 and AMPA Receptor Subunits GluA1 and GluA2 in Heterologous Cells and Primary Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 788620.	2.9	1
25	Whole exome sequencing reveals a functional mutation in the GAIN domain of the Bai2 receptor underlying a forward mutagenesis hyperactivity QTL. <i>Mammalian Genome</i> , 2017, 28, 465-475.	2.2	0