

Diana C Rotaru

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

710
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the temporal electrophysiological and molecular changes that contribute to TSC-associated epileptogenesis. JCI Insight, 2021, 6, .	5.0	7
2	Angelman Syndrome: From Mouse Models to Therapy. Neuroscience, 2020, 445, 172-189.	2.3	46
3	Loss of nuclear UBE3A causes electrophysiological and behavioral deficits in mice and is associated with Angelman syndrome. Nature Neuroscience, 2019, 22, 1235-1247.	14.8	65
4	Adult <i>Ube3a</i> Gene Reinstatement Restores the Electrophysiological Deficits of Prefrontal Cortex Layer 5 Neurons in a Mouse Model of Angelman Syndrome. Journal of Neuroscience, 2018, 38, 8011-8030.	3.6	61
5	Shisa6 traps AMPA receptors at postsynaptic sites and prevents their desensitization during synaptic activity. Nature Communications, 2016, 7, 10682.	12.8	78
6	Functional properties of GABA synaptic inputs onto GABA neurons in monkey prefrontal cortex. Journal of Neurophysiology, 2015, 113, 1850-1861.	1.8	11
7	Strain Differences in Presynaptic Function. Journal of Biological Chemistry, 2015, 290, 15635-15645.	3.4	30
8	Functional Maturation of GABA Synapses During Postnatal Development of the Monkey Dorsolateral Prefrontal Cortex. Cerebral Cortex, 2015, 25, 4076-4093.	2.9	61
9	Topographic Mapping between Basal Forebrain Cholinergic Neurons and the Medial Prefrontal Cortex in Mice. Journal of Neuroscience, 2014, 34, 16234-16246.	3.6	112
10	The role of glutamatergic inputs onto parvalbumin-positive interneurons: relevance for schizophrenia. Reviews in the Neurosciences, 2012, 23, 97-109.	2.9	62
11	Glutamate Receptor Subtypes Mediating Synaptic Activation of Prefrontal Cortex Neurons: Relevance for Schizophrenia. Journal of Neuroscience, 2011, 31, 142-156.	3.6	136
12	Dopamine D1 receptor activation regulates sodium channel-dependent EPSP amplification in rat prefrontal cortex pyramidal neurons. Journal of Physiology, 2007, 581, 981-1000.	2.9	41