

# Diana C Rotaru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2741655/publications.pdf>

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