

Rong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2055766/publications.pdf>

Version: 2024-02-01

13
papers

1,449
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathological α -synuclein transmission initiated by binding lymphocyte-activation gene 3. <i>Science</i> , 2016, 353, .	12.6	521
2	Poly(ADP-ribose) drives pathologic α -synuclein neurodegeneration in Parkinson's disease. <i>Science</i> , 2018, 362, .	12.6	317
3	A nuclease that mediates cell death induced by DNA damage and poly(ADP-ribose) polymerase-1. <i>Science</i> , 2016, 354, .	12.6	266
4	Cultured networks of excitatory projection neurons and inhibitory interneurons for studying human cortical neurotoxicity. <i>Science Translational Medicine</i> , 2016, 8, 333ra48.	12.4	66
5	STING mediates neurodegeneration and neuroinflammation in nigrostriatal α -synucleinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118819119.	7.1	64
6	A homozygous ATAD1 mutation impairs postsynaptic AMPA receptor trafficking and causes a lethal encephalopathy. <i>Brain</i> , 2018, 141, 651-661.	7.6	52
7	Defects in Mitochondrial Biogenesis Drive Mitochondrial Alterations in PARKIN-Deficient Human Dopamine Neurons. <i>Stem Cell Reports</i> , 2020, 15, 629-645.	4.8	48
8	Synaptic Plasticity onto Dopamine Neurons Shapes Fear Learning. <i>Neuron</i> , 2017, 93, 425-440.	8.1	45
9	Botch Is a β -Glutamyl Cyclotransferase that Deglycinates and Antagonizes Notch. <i>Cell Reports</i> , 2014, 7, 681-688.	6.4	29
10	Thorase variants are associated with defects in glutamatergic neurotransmission that can be rescued by Perampanel. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	20
11	AMPA Receptor Surface Expression Is Regulated by S-Nitrosylation of Thorase and Transnitrosylation of NSF. <i>Cell Reports</i> , 2020, 33, 108329.	6.4	12
12	Molecular Mediation of Prion-like α -Synuclein Fibrillation from Toxic PFFs to Nontoxic Species. <i>ACS Applied Bio Materials</i> , 2020, 3, 6096-6102.	4.6	8
13	Reply: ATAD1 encephalopathy and stiff baby syndrome: a recognizable clinical presentation. <i>Brain</i> , 2018, 141, e50-e50.	7.6	1