

Oleksandr Shcheglovitov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1609721/publications.pdf>

Version: 2024-02-01

19
papers

3,260
citations

687363

13
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

5365
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-mediated conversion of human fibroblasts to neurons. <i>Nature</i> , 2011, 476, 228-231.	27.8	857
2	LRRK2 Mutant iPSC-Derived DA Neurons Demonstrate Increased Susceptibility to Oxidative Stress. <i>Cell Stem Cell</i> , 2011, 8, 267-280.	11.1	668
3	Using iPSC-derived neurons to uncover cellular phenotypes associated with Timothy syndrome. <i>Nature Medicine</i> , 2011, 17, 1657-1662.	30.7	521
4	SHANK3 and IGF1 restore synaptic deficits in neurons from 22q13 deletion syndrome patients. <i>Nature</i> , 2013, 503, 267-271.	27.8	399
5	The CRAC Channel Activator STIM1 Binds and Inhibits L-Type Voltage-Gated Calcium Channels. <i>Science</i> , 2010, 330, 101-105.	12.6	286
6	Timothy syndrome is associated with activity-dependent dendritic retraction in rodent and human neurons. <i>Nature Neuroscience</i> , 2013, 16, 201-209.	14.8	224
7	Mechanisms by which a <i>CACNA1H</i> mutation in epilepsy patients increases seizure susceptibility. <i>Journal of Physiology</i> , 2014, 592, 795-809.	2.9	72
8	Identification of 22q13 genes most likely to contribute to Phelan McDermid syndrome. <i>European Journal of Human Genetics</i> , 2018, 26, 293-302.	2.8	54
9	Direct in vivo assessment of human stem cell graft-host neural circuits. <i>NeuroImage</i> , 2015, 114, 328-337.	4.2	33
10	Molecular and biophysical basis of glutamate and trace metal modulation of voltage-gated Cav2.3 calcium channels. <i>Journal of General Physiology</i> , 2012, 139, 219-234.	1.9	32
11	Orientation of the Calcium Channel \hat{I}^2 Relative to the $\hat{I}^{\pm 12.2}$ Subunit Is Critical for Its Regulation of Channel Activity. <i>PLoS ONE</i> , 2008, 3, e3560.	2.5	28
12	Alternative splicing within the $\hat{I}^{\pm 11}$ loop controls surface expression of T-type Ca^{2+} channels. <i>FEBS Letters</i> , 2008, 582, 3765-3770.	2.8	27
13	Probing disrupted neurodevelopment in autism using human stem cell-derived neurons and organoids: An outlook into future diagnostics and drug development. <i>Developmental Dynamics</i> , 2020, 249, 6-33.	1.8	25
14	Defective AMPA-mediated synaptic transmission and morphology in human neurons with hemizygous SHANK3 deletion engrafted in mouse prefrontal cortex. <i>Molecular Psychiatry</i> , 2021, 26, 4670-4686.	7.9	13
15	Screening Platforms for Genetic Epilepsies—Zebrafish, iPSC-Derived Neurons, and Organoids. <i>Neurotherapeutics</i> , 2021, 18, 1478-1489.	4.4	10
16	iPSC toolbox for understanding and repairing disrupted brain circuits in autism. <i>Molecular Psychiatry</i> , 2021, , .	7.9	3
17	Secreted Reporter Assay Enables Quantitative and Longitudinal Monitoring of Neuronal Activity. <i>ENeuro</i> , 2021, 8, ENEURO.0518-20.2021.	1.9	1
18	Human cortical organoids from single iPSC-derived neural rosettes for studying human cortical development and disorders. <i>FASEB Journal</i> , 2019, 33, 205.3.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Special issue on stem cell and tissue engineering in development, disease, and repair. Developmental Dynamics, 2019, 248, 7-9.	1.8	0