Oleksandr Shcheglovitov

List of Publications by Year
in descending order

19	3,260	687363 13	839539 18
papers	citations	h-index	g-index

20	20	20	5365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defective AMPA-mediated synaptic transmission and morphology in human neurons with hemizygous SHANK3 deletion engrafted in mouse prefrontal cortex. Molecular Psychiatry, 2021, 26, 4670-4686.	7.9	13
2	iPSC toolbox for understanding and repairing disrupted brain circuits in autism. Molecular Psychiatry, 2021, , .	7.9	3
3	Screening Platforms for Genetic Epilepsiesâ€"Zebrafish, iPSC-Derived Neurons, and Organoids. Neurotherapeutics, 2021, 18, 1478-1489.	4.4	10
4	Secreted Reporter Assay Enables Quantitative and Longitudinal Monitoring of Neuronal Activity. ENeuro, 2021, 8, ENEURO.0518-20.2021.	1.9	1
5	Probing disrupted neurodevelopment in autism using human stem cellâ€derived neurons and organoids: An outlook into future diagnostics and drug development. Developmental Dynamics, 2020, 249, 6-33.	1.8	25
6	Special issue on stem cell and tissue engineering in development, disease, and repair. Developmental Dynamics, 2019, 248, 7-9.	1.8	0
7	Human cortical organoids from single iPSCâ€derived neural rosettes for studying human cortical development and disorders. FASEB Journal, 2019, 33, 205.3.	0.5	1
8	Identification of 22q13 genes most likely to contribute to Phelan McDermid syndrome. European Journal of Human Genetics, 2018, 26, 293-302.	2.8	54
9	Direct in vivo assessment of human stem cell graftâ€"host neural circuits. NeuroImage, 2015, 114, 328-337.	4.2	33
10	Mechanisms by which a CACNA1H mutation in epilepsy patients increases seizure susceptibility. Journal of Physiology, 2014, 592, 795-809.	2.9	72
11	SHANK3 and IGF1 restore synaptic deficits in neurons from 22q13 deletion syndrome patients. Nature, 2013, 503, 267-271.	27.8	399
12	Timothy syndrome is associated with activity-dependent dendritic retraction in rodent and human neurons. Nature Neuroscience, 2013, 16, 201-209.	14.8	224
13	Molecular and biophysical basis of glutamate and trace metal modulation of voltage-gated Cav2.3 calcium channels. Journal of General Physiology, 2012, 139, 219-234.	1.9	32
14	Using iPSC-derived neurons to uncover cellular phenotypes associated with Timothy syndrome. Nature Medicine, 2011, 17, 1657-1662.	30.7	521
15	LRRK2 Mutant iPSC-Derived DA Neurons Demonstrate Increased Susceptibility to Oxidative Stress. Cell Stem Cell, 2011, 8, 267-280.	11.1	668
16	MicroRNA-mediated conversion of human fibroblasts to neurons. Nature, 2011, 476, 228-231.	27.8	857
17	The CRAC Channel Activator STIM1 Binds and Inhibits L-Type Voltage-Gated Calcium Channels. Science, 2010, 330, 101-105.	12.6	286
18	Alternative splicing within the Iâ€"II loop controls surface expression of Tâ€type Ca_v3.1 calcium channels. FEBS Letters, 2008, 582, 3765-3770.	2.8	27

#	Article	IF	Citations
19	Orientation of the Calcium Channel Î² Relative to the Î±12.2 Subunit Is Critical for Its Regulation of Channel Activity. PLoS ONE, 2008, 3, e3560.	2.5	28