

Shane Grealish

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,811
citations

394421
19
h-index

677142
22
g-index

22
all docs

22
docs citations

22
times ranked

3350
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Regionally Specified Neural Progenitors and Functional Neurons from Human Embryonic Stem Cells under Defined Conditions. <i>Cell Reports</i> , 2012, 1, 703-714.	6.4	595
2	Generation of induced neurons via direct conversion in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7038-7043.	7.1	376
3	Human ESC-Derived Dopamine Neurons Show Similar Preclinical Efficacy and Potency to Fetal Neurons when Grafted in a Rat Model of Parkinson's Disease. <i>Cell Stem Cell</i> , 2014, 15, 653-665.	11.1	373
4	Predictive Markers Guide Differentiation to Improve Graft Outcome in Clinical Translation of hESC-Based Therapy for Parkinson's Disease. <i>Cell Stem Cell</i> , 2017, 20, 135-148.	11.1	215
5	The future of stem cell therapies for Parkinson disease. <i>Nature Reviews Neuroscience</i> , 2020, 21, 103-115.	10.2	178
6	In Vivo Reprogramming of Striatal NG2 Glia into Functional Neurons that Integrate into Local Host Circuitry. <i>Cell Reports</i> , 2015, 12, 474-481.	6.4	173
7	The A9 dopamine neuron component in grafts of ventral mesencephalon is an important determinant for recovery of motor function in a rat model of Parkinson's disease. <i>Brain</i> , 2010, 133, 482-495.	7.6	125
8	Characterisation of behavioural and neurodegenerative changes induced by intranigral 6-hydroxydopamine lesions in a mouse model of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2010, 31, 2266-2278.	2.6	119
9	Reconstruction of the nigrostriatal dopamine pathway in the adult mouse brain. <i>European Journal of Neuroscience</i> , 2009, 30, 625-638.	2.6	116
10	Synaptic inputs from stroke-injured brain to grafted human stem cell-derived neurons activated by sensory stimuli. <i>Brain</i> , 2017, 140, aww347.	7.6	104
11	Monosynaptic Tracing using Modified Rabies Virus Reveals Early and Extensive Circuit Integration of Human Embryonic Stem Cell-Derived Neurons. <i>Stem Cell Reports</i> , 2015, 4, 975-983.	4.8	92
12	hESC-Derived Dopaminergic Transplants Integrate into Basal Ganglia Circuitry in a Preclinical Model of Parkinson's Disease. <i>Cell Reports</i> , 2019, 28, 3462-3473.e5.	6.4	65
13	GDNF is not required for catecholaminergic neuron survival in vivo. <i>Nature Neuroscience</i> , 2015, 18, 319-322.	14.8	53
14	Target-specific forebrain projections and appropriate synaptic inputs of hESC-derived dopamine neurons grafted to the midbrain of parkinsonian rats. <i>Journal of Comparative Neurology</i> , 2018, 526, 2133-2146.	1.6	50
15	Highly efficient generation of induced neurons from human fibroblasts that survive transplantation into the adult rat brain. <i>Scientific Reports</i> , 2014, 4, 6330.	3.3	42
16	IAP-Based Cell Sorting Results in Homogeneous Transplantable Dopaminergic Precursor Cells Derived from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 1207-1220.	4.8	40
17	Unilateral axonal or terminal injection of 6-hydroxydopamine causes rapid-onset nigrostriatal degeneration and contralateral motor impairments in the rat. <i>Brain Research Bulletin</i> , 2008, 77, 312-319.	3.0	33
18	Region-specific restoration of striatal synaptic plasticity by dopamine grafts in experimental parkinsonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4375-84.	7.1	26

#	ARTICLE	IF	CITATIONS
19	Brain repair and reprogramming: the route to clinical translation. Journal of Internal Medicine, 2016, 280, 265-275.	6.0	24
20	Human foetal brain tissue as quality control when developing stem cells towards cell replacement therapy for neurological diseases. NeuroReport, 2013, 24, 1025-1030.	1.2	8
21	Lineage reprogramming: A shortcut to generating functional neurons from fibroblasts. Cell Cycle, 2011, 10, 3421-3422.	2.6	3
22	Plug and Play Brain: Understanding Integration of Transplanted Neurons for Brain Repair. Cell Stem Cell, 2016, 19, 679-680.	11.1	1