# Shane Grealish

List of Publications by Year
in descending order



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|---|---|---|---|
| 22 papers | 2,811 citations | 394286<br>19 h-index | 677027<br>22 g-index |
| 22 all docs | 22 docs citations | 22 times ranked | 3350 citing authors |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | The future of stem cell therapies for Parkinson disease. Nature Reviews Neuroscience, 2020, 21, 103-115. | 4.9 | 178 |
| 2 | hESC-Derived Dopaminergic Transplants Integrate into Basal Ganglia Circuitry in a Preclinical Model of Parkinsonâ€™s Disease. Cell Reports, 2019, 28, 3462-3473.e5. | 2.9 | 65 |
| 3 | Targetâ€specific forebrain projections and appropriate synaptic inputs of hESCâ€derived dopamine neurons grafted to the midbrain of parkinsonian rats. Journal of Comparative Neurology, 2018, 526, 2133-2146. | 0.9 | 50 |
| 4 | Synaptic inputs from stroke-injured brain to grafted human stem cell-derived neurons activated by sensory stimuli. Brain, 2017, 140, aww347. | 3.7 | 104 |
| 5 | IAP-Based Cell Sorting Results in Homogeneous Transplantable Dopaminergic Precursor Cells Derived from Human Pluripotent Stem Cells. Stem Cell Reports, 2017, 9, 1207-1220. | 2.3 | 40 |
| 6 | Predictive Markers Guide Differentiation to Improve Graft Outcome in Clinical Translation of hESC-Based Therapy for Parkinsonâ€™s Disease. Cell Stem Cell, 2017, 20, 135-148. | 5.2 | 215 |
| 7 | Plug and Play Brain: Understanding Integration of Transplanted Neurons for Brain Repair. Cell Stem Cell, 2016, 19, 679-680. | 5.2 | 1 |
| 8 | Brain repair and reprogramming: the route to clinical translation. Journal of Internal Medicine, 2016, 280, 265-275. | 2.7 | 24 |
| 9 | GDNF is not required for catecholaminergic neuron survival in vivo. Nature Neuroscience, 2015, 18, 319-322. | 7.1 | 53 |
| 10 | Monosynaptic Tracing using Modified Rabies Virus Reveals Early and Extensive Circuit Integration of Human Embryonic Stem Cell-Derived Neurons. Stem Cell Reports, 2015, 4, 975-983. | 2.3 | 92 |
| 11 | InÂVivo Reprogramming of Striatal NG2 Glia into Functional Neurons that Integrate into Local Host Circuitry. Cell Reports, 2015, 12, 474-481. | 2.9 | 173 |
| 12 | Human ESC-Derived Dopamine Neurons Show Similar Preclinical Efficacy and Potency to Fetal Neurons when Grafted in a Rat Model of Parkinsonâ€™s Disease. Cell Stem Cell, 2014, 15, 653-665. | 5.2 | 373 |
| 13 | Highly efficient generation of induced neurons from human fibroblasts that survive transplantation into the adult rat brain. Scientific Reports, 2014, 4, 6330. | 1.6 | 42 |
| 14 | Region-specific restoration of striatal synaptic plasticity by dopamine grafts in experimental parkinsonism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4375-84. | 3.3 | 26 |
| 15 | Generation of induced neurons via direct conversion in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7038-7043. | 3.3 | 376 |
| 16 | Human foetal brain tissue as quality control when developing stem cells towards cell replacement therapy for neurological diseases. NeuroReport, 2013, 24, 1025-1030. | 0.6 | 8 |
| 17 | Generation of Regionally Specified Neural Progenitors and Functional Neurons from Human Embryonic Stem Cells under Defined Conditions. Cell Reports, 2012, 1, 703-714. | 2.9 | 595 |
| 18 | Lineage reprogramming: A shortcut to generating functional neurons from fibroblasts. Cell Cycle, 2011, 10, 3421-3422. | 1.3 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Characterisation of behavioural and neurodegenerative changes induced by intranigral 6â€hydroxydopamine lesions in a mouse model of Parkinsonâ€™s disease. European Journal of Neuroscience, 2010, 31, 2266-2278. | 1.2 | 119 |
| 20 | The A9 dopamine neuron component in grafts of ventral mesencephalon is an important determinant for recovery of motor function in a rat model of Parkinsonâ€™s disease. Brain, 2010, 133, 482-495. | 3.7 | 125 |
| 21 | Reconstruction of the nigrostriatal dopamine pathway in the adult mouse brain. European Journal of Neuroscience, 2009, 30, 625-638. | 1.2 | 116 |
| 22 | Unilateral axonal or terminal injection of 6-hydroxydopamine causes rapid-onset nigrostriatal degeneration and contralateral motor impairments in the rat. Brain Research Bulletin, 2008, 77, 312-319. | 1.4 | 33 |