

Oliver Cooper

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

3,740
citations

18
h-index

37
g-index

37
ext. papers

4,071
ext. citations

10.2
avg, IF

4.48
L-index

#	Paper	IF	Citations
24	Parkinson's disease patient-derived induced pluripotent stem cells free of viral reprogramming factors. <i>Cell</i> , 2009 , 136, 964-77	56.2	1262
23	Pharmacological rescue of mitochondrial deficits in iPSC-derived neural cells from patients with familial Parkinson's disease. <i>Science Translational Medicine</i> , 2012 , 4, 141ra90	17.5	381
22	Differentiated Parkinson patient-derived induced pluripotent stem cells grow in the adult rodent brain and reduce motor asymmetry in Parkinsonian rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15921-6	11.5	375
21	Cell type analysis of functional fetal dopamine cell suspension transplants in the striatum and substantia nigra of patients with Parkinson's disease. <i>Brain</i> , 2005 , 128, 1498-510	11.2	352
20	Successful function of autologous iPSC-derived dopamine neurons following transplantation in a non-human primate model of Parkinson's disease. <i>Cell Stem Cell</i> , 2015 , 16, 269-74	18	214
19	LRRK2 mutations cause mitochondrial DNA damage in iPSC-derived neural cells from Parkinson's disease patients: reversal by gene correction. <i>Neurobiology of Disease</i> , 2014 , 62, 381-6	7.5	194
18	Differentiation of human ES and Parkinson's disease iPSCs into ventral midbrain dopaminergic neurons requires a high activity form of SHH, FGF8a and specific regionalization by retinoic acid. <i>Molecular and Cellular Neurosciences</i> , 2010 , 45, 258-66	4.8	175
17	Improved cell therapy protocols for Parkinson's disease based on differentiation efficiency and safety of hESC-, hiPSC-, and non-human primate iPSC-derived dopaminergic neurons. <i>Stem Cells</i> , 2013 , 31, 1548-62	5.8	168
16	Intrastriatal transforming growth factor alpha delivery to a model of Parkinson's disease induces proliferation and migration of endogenous adult neural progenitor cells without differentiation into dopaminergic neurons. <i>Journal of Neuroscience</i> , 2004 , 24, 8924-31	6.6	147
15	Long-term health of dopaminergic neuron transplants in Parkinson's disease patients. <i>Cell Reports</i> , 2014 , 7, 1755-61	10.6	112
14	The migration of paraxial and lateral plate mesoderm cells emerging from the late primitive streak is controlled by different Wnt signals. <i>BMC Developmental Biology</i> , 2008 , 8, 63	3.1	51
13	Fate mapping and lineage analyses demonstrate the production of a large number of striatal neuroblasts after transforming growth factor alpha and noggin striatal infusions into the dopamine-depleted striatum. <i>Stem Cells</i> , 2008 , 26, 2349-60	5.8	48
12	Lack of functional relevance of isolated cell damage in transplants of Parkinson's disease patients. <i>Journal of Neurology</i> , 2009 , 256 Suppl 3, 310-6	5.5	42
11	Transcript expression levels of full-length alpha-synuclein and its three alternatively spliced variants in Parkinson's disease brain regions and in a transgenic mouse model of alpha-synuclein overexpression. <i>Molecular and Cellular Neurosciences</i> , 2012 , 49, 230-9	4.8	35
10	Oct4-induced reprogramming is required for adult brain neural stem cell differentiation into midbrain dopaminergic neurons. <i>PLoS ONE</i> , 2011 , 6, e19926	3.7	33
9	Context-dependent neuronal differentiation and germ layer induction of Smad4 ^{-/-} and Cripto ^{-/-} embryonic stem cells. <i>Molecular and Cellular Neurosciences</i> , 2005 , 28, 417-29	4.8	32
8	Recent advances in cell-based therapy for Parkinson disease. <i>Neurosurgical Focus</i> , 2008 , 24, E6	4.2	30

7	Neuroblast protuberances in the subventricular zone of the regenerative MRL/MpJ mouse. <i>Journal of Comparative Neurology</i> , 2006 , 498, 747-61	3.4	28
6	Klh131 is associated with skeletal myogenesis and its expression is regulated by myogenic signals and Myf-5. <i>Mechanisms of Development</i> , 2009 , 126, 852-62	1.7	15
5	Using stem cells and iPS cells to discover new treatments for Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012 , 18 Suppl 1, S14-6	3.6	13
4	Expression of avian prickle genes during early development and organogenesis. <i>Developmental Dynamics</i> , 2008 , 237, 1442-8	2.9	13
3	Characterization and criteria of embryonic stem and induced pluripotent stem cells for a dopamine replacement therapy. <i>Progress in Brain Research</i> , 2012 , 200, 265-76	2.9	12
2	Parkinson's Disease Patient-Derived Induced Pluripotent Stem Cells Free of Viral Reprogramming Factors. <i>Cell</i> , 2009 , 137, 1356	56.2	6
1	No evidence for disease-like processes in fetal transplants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, E104; author reply E105	11.5	2