Tetsuhiro Kikuchi

List of Publications by Year
in descending order

16	2,171	687363 13	940533 16
papers	citations	h-index	g-index

19	19	19	2722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human iPS cell-derived dopaminergic neurons function in a primate Parkinsonâ€™s disease model. Nature, 2017, 548, 592-596.	27.8	528
2	Isolation of Human Induced Pluripotent Stem Cell-Derived Dopaminergic Progenitors by Cell Sorting for Successful Transplantation. Stem Cell Reports, 2014, 2, 337-350.	4.8	373
3	Direct Comparison of Autologous and Allogeneic Transplantation of iPSC-Derived Neural Cells in the Brain of a Nonhuman Primate. Stem Cell Reports, 2013, 1, 283-292.	4.8	233
4	Pre-clinical study of induced pluripotent stem cell-derived dopaminergic progenitor cells for Parkinsonâ€™s disease. Nature Communications, 2020, 11, 3369.	12.8	184
5	MHC matching improves engraftment of iPSC-derived neurons in non-human primates. Nature Communications, 2017, 8, 385.	12.8	178
6	Prolonged Maturation Culture Favors a Reduction in the Tumorigenicity and the Dopaminergic Function of Human ESCâ€Derived Neural Cells in a Primate Model of Parkinson's Disease. Stem Cells, 2012, 30, 935-945.	3.2	155
7	Smallâ€molecule inhibitors of bone morphogenic protein and activin/nodal signals promote highly efficient neural induction from human pluripotent stem cells. Journal of Neuroscience Research, 2011, 89, 117-126.	2.9	151
8	Survival of Human Induced Pluripotent Stem Cellâ€“Derived Midbrain Dopaminergic Neurons in the Brain of a Primate Model of Parkinson's Disease. Journal of Parkinson's Disease, 2011, 1, 395-412.	2.8	110
9	Purification of functional human ES and iPSC-derived midbrain dopaminergic progenitors using LRTM1. Nature Communications, 2016, 7, 13097.	12.8	83
10	Versatile live-cell activity analysis platform for characterization of neuronal dynamics at single-cell and network level. Nature Communications, 2020, 11, 4854.	12.8	56
11	Axonal Extensions along Corticospinal Tracts from Transplanted Human Cerebral Organoids. Stem Cell Reports, 2020, 15, 467-481.	4.8	49
12	Idiopathic Parkinson's disease patientâ€derived induced pluripotent stem cells function as midbrain dopaminergic neurons in rodent brains. Journal of Neuroscience Research, 2017, 95, 1829-1837.	2.9	28
13	X-linked severe combined immunodeficiency (X-SCID) rats for xeno-transplantation and behavioral evaluation. Journal of Neuroscience Methods, 2015, 243, 68-77.	2.5	18
14	Cryopreservation of Induced Pluripotent Stem Cell-Derived Dopaminergic Neurospheres for Clinical Application. Journal of Parkinson's Disease, 2022, 12, 871-884.	2.8	8
15	Therapeutic effects of combined cell transplantation and locomotor training in rats with brain injury. Npj Regenerative Medicine, 2019, 4, 13.	5.2	7
16	Zonisamide promotes survival of humanâ€induced pluripotent stem cellâ€derived dopaminergic neurons in the striatum of female rats. Journal of Neuroscience Research, 2020, 98, 1575-1587.	2.9	6