

Tetsuhiro Kikuchi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,171
citations

687363

13
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

2722
citing authors

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