

Asuka Morizane

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

6,673
citations

201674

27
h-index

276875

41
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44
all docs

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docs citations

44
times ranked

8433
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	Pretreatment with Perlecan-Conjugated Laminin-E8 Fragment Enhances Maturation of Grafted Dopaminergic Progenitors in Parkinson's Disease Model. <i>Stem Cells Translational Medicine</i> , 2022, 11, 767-777.	3.3	5
3	Evading the Immune System: Immune Modulation and Immune Matching in Cell Replacement Therapies for Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, S167-S172.	2.8	6
4	Induction of the germ cell fate from pluripotent stem cells in cynomolgus monkeys. <i>Biology of Reproduction</i> , 2020, 102, 620-638.	2.7	40
5	Axonal Extensions along Corticospinal Tracts from Transplanted Human Cerebral Organoids. <i>Stem Cell Reports</i> , 2020, 15, 467-481.	4.8	49
6	Pre-clinical study of induced pluripotent stem cell-derived dopaminergic progenitor cells for Parkinson's disease. <i>Nature Communications</i> , 2020, 11, 3369.	12.8	184
7	Exercise Promotes Neurite Extensions from Grafted Dopaminergic Neurons in the Direction of the Dorsolateral Striatum in Parkinson's Disease Model Rats. <i>Journal of Parkinson's Disease</i> , 2020, 10, 511-521.	2.8	13
8	MicroRNA-Based Separation of Cortico-Fugal Projection Neuron-Like Cells Derived From Embryonic Stem Cells. <i>Frontiers in Neuroscience</i> , 2019, 13, 1141.	2.8	3
9	Myotonic dystrophy type 1 patient-derived iPSCs for the investigation of CTG repeat instability. <i>Scientific Reports</i> , 2017, 7, 42522.	3.3	34
10	Idiopathic Parkinson's disease patient-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
11	Human iPS cell-derived dopaminergic neurons function in a primate Parkinson's disease model. <i>Nature</i> , 2017, 548, 592-596.	27.8	528
12	MHC matching improves engraftment of iPSC-derived neurons in non-human primates. <i>Nature Communications</i> , 2017, 8, 385.	12.8	178
13	Enhanced Axonal Extension of Subcortical Projection Neurons Isolated from Murine Embryonic Cortex using Neuropilin-1. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 123.	3.7	17
14	Cell Therapy for Parkinson's Disease. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 102-109.	2.2	11
15	MicroRNA-302 switch to identify and eliminate undifferentiated human pluripotent stem cells. <i>Scientific Reports</i> , 2016, 6, 32532.	3.3	82
16	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
17	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
18	A novel efficient feeder-free culture system for the derivation of human induced pluripotent stem cells. <i>Scientific Reports</i> , 2014, 4, 3594.	3.3	511

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19	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
20	β-Secretase Inhibitors Prevent Overgrowth of Transplanted Neural Progenitors Derived from Human-Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 374-382.	2.1	33
21	Differentiation-defective phenotypes revealed by large-scale analyses of human pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20569-20574.	7.1	206
22	Neural Induction with a Dopaminergic Phenotype from Human Pluripotent Stem Cells Through a Feeder-Free Floating Aggregation Culture. <i>Methods in Molecular Biology</i> , 2013, 1018, 11-19.	0.9	12
23	Prolonged Maturation Culture Favors a Reduction in the Tumorigenicity and the Dopaminergic Function of Human ESC-Derived Neural Cells in a Primate Model of Parkinson's Disease. <i>Stem Cells</i> , 2012, 30, 935-945.	3.2	155
24	Drug Screening for ALS Using Patient-Specific Induced Pluripotent Stem Cells. <i>Science Translational Medicine</i> , 2012, 4, 145ra104.	12.4	465
25	Functional recovery of the murine brain ischemia model using human induced pluripotent stem cell-derived telencephalic progenitors. <i>Brain Research</i> , 2012, 1459, 52-60.	2.2	45
26	Survival of Human Induced Pluripotent Stem Cell-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
27	A more efficient method to generate integration-free human iPS cells. <i>Nature Methods</i> , 2011, 8, 409-412.	19.0	1,736
28	Small-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
29	Risks and Mechanisms of Oncological Disease Following Stem Cell Transplantation. <i>Stem Cell Reviews and Reports</i> , 2010, 6, 411-424.	5.6	18
30	A simple method for large-scale generation of dopamine neurons from human embryonic stem cells. <i>Journal of Neuroscience Research</i> , 2010, 88, 3467-3478.	2.9	21
31	Embryonic Stem Cell Transplantation for the Treatment of Parkinson's Disease. , 2010, , 245-254.		0
32	From bench to bed: the potential of stem cells for the treatment of Parkinson's disease. <i>Cell and Tissue Research</i> , 2008, 331, 323-336.	2.9	81
33	Meningeal cells induce dopaminergic neurons from embryonic stem cells. <i>European Journal of Neuroscience</i> , 2008, 27, 261-268.	2.6	42
34	Future Cell- and Gene-Based Therapies for Parkinson's Disease. , 2008, , 145-156.		0
35	Fluorescence-Activated Cell Sorting-Based Purification of Embryonic Stem Cell-Derived Neural Precursors Averts Tumor Formation after Transplantation. <i>Stem Cells</i> , 2006, 24, 763-771.	3.2	153
36	Transplantation of Human Embryonic Stem Cell-Derived Cells to a Rat Model of Parkinson's Disease: Effect of In Vitro Differentiation on Graft Survival and Teratoma Formation. <i>Stem Cells</i> , 2006, 24, 1433-1440.	3.2	394

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37	Generation of graftable dopaminergic neuron progenitors from mouse ES cells by a combination of coculture and neurosphere methods. <i>Journal of Neuroscience Research</i> , 2006, 83, 1015-1027.	2.9	61
38	Dopaminergic neurons generated from monkey embryonic stem cells function in a Parkinson primate model. <i>Journal of Clinical Investigation</i> , 2005, 115, 102-109.	8.2	418
39	Survival and differentiation of neural progenitor cells derived from embryonic stem cells and transplanted into ischemic brain. <i>Journal of Neurosurgery</i> , 2005, 103, 304-310.	1.6	60
40	Pluripotency of reprogrammed somatic genomes in embryonic stem hybrid cells. <i>Developmental Dynamics</i> , 2003, 227, 504-510.	1.8	88
41	Optimal conditions for in vivo induction of dopaminergic neurons from embryonic stem cells through stromal cell-derived inducing activity. <i>Journal of Neuroscience Research</i> , 2002, 69, 934-939.	2.9	79