Asuka Morizane

List of Publications by Year
in descending order

41 papers	6,673 citations	201674 27 h-index	276875 41 g-index
44 all docs	44 docs citations	44 times ranked	8433 citing authors

#	Article	IF	Citations
1	A more efficient method to generate integration-free human iPS cells. Nature Methods, 2011, 8, 409-412.	19.0	1,736
2	Human iPS cell-derived dopaminergic neurons function in a primate Parkinsonâ€™s disease model. Nature, 2017, 548, 592-596.	27.8	528
3	A novel efficient feeder-free culture system for the derivation of human induced pluripotent stem cells. Scientific Reports, 2014, 4, 3594.	3.3	511
4	Drug Screening for ALS Using Patient-Specific Induced Pluripotent Stem Cells. Science Translational Medicine, 2012, 4, 145ra104.	12.4	465
5	Dopaminergic neurons generated from monkey embryonic stem cells function in a Parkinson primate model. Journal of Clinical Investigation, 2005, 115, 102-109.	8.2	418
6	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. Stem Cells, 2006, 24, 1433-1440.	3.2	394
7	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
8	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
9	Differentiation-defective phenotypes revealed by large-scale analyses of human pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20569-20574.	7.1	206
10	Pre-clinical study of induced pluripotent stem cell-derived dopaminergic progenitor cells for Parkinsonâ€™s disease. Nature Communications, 2020, 11, 3369.	12.8	184
11	MHC matching improves engraftment of iPSC-derived neurons in non-human primates. Nature Communications, 2017, 8, 385.	12.8	178
12	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
13	Fluorescence-Activated Cell Sorting-Based Purification of Embryonic Stem Cell-Derived Neural Precursors Averts Tumor Formation after Transplantation. Stem Cells, 2006, 24, 763-771.	3.2	153
14	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
15	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
16	Pluripotency of reprogrammed somatic genomes in embryonic stem hybrid cells. Developmental Dynamics, 2003, 227, 504-510.	1.8	88
17	MicroRNA-302 switch to identify and eliminate undifferentiated human pluripotent stem cells. Scientific Reports, 2016, 6, 32532.	3.3	82
18	From bench to bed: the potential of stem cells for the treatment of Parkinsonâ€™s disease. Cell and Tissue Research, 2008, 331, 323-336.	2.9	81

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19	Optimal conditions for in vivo induction of dopaminergic neurons from embryonic stem cells through stromal cell-derived inducing activity. Journal of Neuroscience Research, 2002, 69, 934-939.	2.9	79
20	Generation of graftable dopaminergic neuron progenitors from mouse ES cells by a combination of coculture and neurosphere methods. Journal of Neuroscience Research, 2006, 83, 1015-1027.	2.9	61
21	Survival and differentiation of neural progenitor cells derived from embryonic stem cells and transplanted into ischemic brain. Journal of Neurosurgery, 2005, 103, 304-310.	1.6	60
22	Axonal Extensions along Corticospinal Tracts from Transplanted Human Cerebral Organoids. Stem Cell Reports, 2020, 15, 467-481.	4.8	49
23	Functional recovery of the murine brain ischemia model using human induced pluripotent stem cell-derived telencephalic progenitors. Brain Research, 2012, 1459, 52-60.	2.2	45
24	Meningeal cells induce dopaminergic neurons from embryonic stem cells. European Journal of Neuroscience, 2008, 27, 261-268.	2.6	42
25	Induction of the germ cell fate from pluripotent stem cells in cynomolgus monkeysâ€. Biology of Reproduction, 2020, 102, 620-638.	2.7	40
26	Myotonic dystrophy type 1 patient-derived iPSCs for the investigation of CTG repeat instability. Scientific Reports, 2017, 7, 42522.	3.3	34
27	Î³-Secretase Inhibitors Prevent Overgrowth of Transplanted Neural Progenitors Derived from Human-Induced Pluripotent Stem Cells. Stem Cells and Development, 2013, 22, 374-382.	2.1	33
28	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
29	A simple method for largeâ€scale generation of dopamine neurons from human embryonic stem cells. Journal of Neuroscience Research, 2010, 88, 3467-3478.	2.9	21
30	Risks and Mechanisms of Oncological Disease Following Stem Cell Transplantation. Stem Cell Reviews and Reports, 2010, 6, 411-424.	5.6	18
31	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
32	Enhanced Axonal Extension of Subcortical Projection Neurons Isolated from Murine Embryonic Cortex using Neuropilin-1. Frontiers in Cellular Neuroscience, 2017, 11, 123.	3.7	17
33	Exercise Promotes Neurite Extensions from Grafted Dopaminergic Neurons in the Direction of the Dorsolateral Striatum in Parkinsonâ€™s Disease Model Rats. Journal of Parkinson's Disease, 2020, 10, 511-521.	2.8	13
34	Neural Induction with a Dopaminergic Phenotype from Human Pluripotent Stem Cells Through a Feeder-Free Floating Aggregation Culture. Methods in Molecular Biology, 2013, 1018, 11-19.	0.9	12
35	Cell Therapy for Parkinsonâ€™s Disease. Neurologia Medico-Chirurgica, 2016, 56, 102-109.	2.2	11
36	Cryopreservation of Induced Pluripotent Stem Cell-Derived Dopaminergic Neurospheres for Clinical Application. Journal of Parkinson's Disease, 2022, 12, 871-884.	2.8	8

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37	Evading the Immune System: Immune Modulation and Immune Matching in Cell Replacement Therapies for Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2021, 11, S167-S172.	2.8	6
38	Pretreatment with Perlecan-Conjugated Laminin-E8 Fragment Enhances Maturation of Grafted Dopaminergic Progenitors in Parkinsonâ€™s Disease Model. Stem Cells Translational Medicine, 2022, 11, 767-777.	3.3	5
39	MicroRNA-Based Separation of Cortico-Fugal Projection Neuron-Like Cells Derived From Embryonic Stem Cells. Frontiers in Neuroscience, 2019, 13, 1141.	2.8	3
40	Future Cell- and Gene-Based Therapies for Parkinson's Disease. , 2008, , 145-156.		0
41	Embryonic Stem Cell Transplantation for the Treatment of Parkinson's Disease. , 2010, , 245-254.		0