

Agnete Kirkeby

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,371
citations

257450

24
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

4426
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct conversion of human fibroblasts to dopaminergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10343-10348.	7.1	695
2	Generation of Regionally Specified Neural Progenitors and Functional Neurons from Human Embryonic Stem Cells under Defined Conditions. Cell Reports, 2012, 1, 703-714.	6.4	595
3	Human ESC-Derived Dopamine Neurons Show Similar Preclinical Efficacy and Potency to Fetal Neurons when Grafted in a Rat Model of Parkinson's Disease. Cell Stem Cell, 2014, 15, 653-665.	11.1	373
4	Predictive Markers Guide Differentiation to Improve Graft Outcome in Clinical Translation of hESC-Based Therapy for Parkinson's Disease. Cell Stem Cell, 2017, 20, 135-148.	11.1	215
5	Generation of high-purity human ventral midbrain dopaminergic progenitors for in vitro maturation and intracerebral transplantation. Nature Protocols, 2017, 12, 1962-1979.	12.0	177
6	Single-Cell Analysis Reveals a Close Relationship between Differentiating Dopamine and Subthalamic Nucleus Neuronal Lineages. Cell Stem Cell, 2017, 20, 29-40.	11.1	127
7	Sense-Antisense lncRNA Pair Encoded by Locus 6p22.3 Determines Neuroblastoma Susceptibility via the USP36-CHD7-SOX9 Regulatory Axis. Cancer Cell, 2018, 33, 417-434.e7.	16.8	122
8	Modeling neural tube development by differentiation of human embryonic stem cells in a microfluidic WNT gradient. Nature Biotechnology, 2020, 38, 1265-1273.	17.5	114
9	Monosynaptic Tracing using Modified Rabies Virus Reveals Early and Extensive Circuit Integration of Human Embryonic Stem Cell-Derived Neurons. Stem Cell Reports, 2015, 4, 975-983.	4.8	92
10	Comparison of neuroprotective effects of erythropoietin (EPO) and carbamylerythropoietin (CEPO) against ischemia-like oxygen-glucose deprivation (OGD) and NMDA excitotoxicity in mouse hippocampal slice cultures. Experimental Neurology, 2007, 204, 106-117.	4.1	75
11	Strategies for bringing stem cell-derived dopamine neurons to the clinic. Progress in Brain Research, 2017, 230, 165-190.	1.4	70
12	The biological and ethical basis of the use of human embryonic stem cells for in vitro test systems or cell therapy. ALTEX: Alternatives To Animal Experimentation, 2008, , 163-190.	1.5	61
13	Functional and immunochemical characterisation of different antibodies against the erythropoietin receptor. Journal of Neuroscience Methods, 2007, 164, 50-58.	2.5	60
14	Are Stem Cell-Based Therapies for Parkinson's Disease Ready for the Clinic in 2016?. Journal of Parkinson's Disease, 2016, 6, 57-63.	2.8	57
15	Single cell transcriptomics identifies stem cell-derived graft composition in a model of Parkinson's disease. Nature Communications, 2020, 11, 2434.	12.8	54
16	High-dose erythropoietin alters platelet reactivity and bleeding time in rodents in contrast to the neuroprotective variant carbamyl-erythropoietin (CEPO). Thrombosis and Haemostasis, 2008, 99, 720-728.	3.4	53
17	Target-specific forebrain projections and appropriate synaptic inputs of hESC-derived dopamine neurons grafted to the midbrain of parkinsonian rats. Journal of Comparative Neurology, 2018, 526, 2133-2146.	1.6	50
18	Tracking differentiating neural progenitors in pluripotent cultures using microRNA-regulated lentiviral vectors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11602-11607.	7.1	42

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19	IAP-Based Cell Sorting Results in Homogeneous Transplantable Dopaminergic Precursor Cells Derived from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 1207-1220.	4.8	40
20	Generating regionalized neuronal cells from pluripotency, a step-by-step protocol. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 64.	3.7	36
21	Term amniotic fluid: an unexploited reserve of mesenchymal stromal cells for reprogramming and potential cell therapy applications. <i>Stem Cell Research and Therapy</i> , 2017, 8, 190.	5.5	35
22	Comprehensive analysis of microRNA expression in regionalized human neural progenitor cells reveals microRNA-10 as a caudalizing factor. <i>Development (Cambridge)</i> , 2015, 142, 3166-3177.	2.5	34
23	Therapeutic window for nonerythropoietic carbamylated-erythropoietin to improve motor function following multiple infarct ischemic strokes in New Zealand white rabbits. <i>Brain Research</i> , 2008, 1238, 208-214.	2.2	32
24	The biological and ethical basis of the use of human embryonic stem cells for in vitro test systems or cell therapy. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2008, 25, 163-90.	1.5	27
25	Parkinson disease and growth factors " is GDNF good enough?. <i>Nature Reviews Neurology</i> , 2019, 15, 312-314.	10.1	25
26	Genetic modification increases the survival and the neuroregenerative properties of transplanted neural stem cells. <i>JCI Insight</i> , 2020, 5, .	5.0	24
27	hESC-derived neural progenitors prevent xenograft rejection through neonatal desensitisation. <i>Experimental Neurology</i> , 2016, 282, 78-85.	4.1	12
28	Bringing Advanced Therapies for Parkinson's Disease to the Clinic: The Scientist's Perspective. <i>Journal of Parkinson's Disease</i> , 2021, 11, S135-S140.	2.8	12
29	MSLibrarian: Optimized Predicted Spectral Libraries for Data-Independent Acquisition Proteomics. <i>Journal of Proteome Research</i> , 2022, 21, 535-546.	3.7	9
30	Building authentic midbrain dopaminergic neurons from stem cells - lessons from development. <i>Translational Neuroscience</i> , 2012, 3, .	1.4	5
31	The stem cell niche finds its true north. <i>Development (Cambridge)</i> , 2016, 143, 2877-2881.	2.5	4
32	Human Embryonic Stem Cell-Derived Dopaminergic Grafts Alleviate L-DOPA Induced Dyskinesia. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1881-1896.	2.8	3
33	Neural tube patterning: From a minimal model for rostrocaudal patterning toward an integrated 3D model. <i>IScience</i> , 2021, 24, 102559.	4.1	1
34	X-Reactivation Impacts Human iPSC Differentiation Potential Towards Blood. <i>Blood</i> , 2013, 122, 4838-4838.	1.4	0