

Kai-Christian Sonntag

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

2,586
citations

22
h-index

38
g-index

38
ext. papers

2,844
ext. citations

5.5
avg, IF

4.9
L-index

#	Paper	IF	Citations
35	Specific microRNAs modulate embryonic stem cell-derived neurogenesis. <i>Stem Cells</i> , 2006 , 24, 857-64	5.8	552
34	Cell type-specific gene expression of midbrain dopaminergic neurons reveals molecules involved in their vulnerability and protection. <i>Human Molecular Genetics</i> , 2005 , 14, 1709-25	5.6	295
33	Markers and methods for cell sorting of human embryonic stem cell-derived neural cell populations. <i>Stem Cells</i> , 2007 , 25, 2257-68	5.8	263
32	Enhanced yield of neuroepithelial precursors and midbrain-like dopaminergic neurons from human embryonic stem cells using the bone morphogenetic protein antagonist noggin. <i>Stem Cells</i> , 2007 , 25, 411-8	5.8	214
31	Generalized brain and skin proteasome inhibition in Huntington's disease. <i>Annals of Neurology</i> , 2004 , 56, 319-28	9.4	151
30	MicroRNAs and deregulated gene expression networks in neurodegeneration. <i>Brain Research</i> , 2010 , 1338, 48-57	3.7	104
29	Evidence for gender-specific transcriptional profiles of nigral dopamine neurons in Parkinson disease. <i>PLoS ONE</i> , 2010 , 5, e8856	3.7	95
28	miR-126 contributes to Parkinson's disease by dysregulating the insulin-like growth factor/phosphoinositide 3-kinase signaling. <i>Neurobiology of Aging</i> , 2014 , 35, 1712-21	5.6	94
27	Proteasome activator enhances survival of Huntington's disease neuronal model cells. <i>PLoS ONE</i> , 2007 , 2, e238	3.7	94
26	Converging miRNA functions in diverse brain disorders: a case for miR-124 and miR-126. <i>Experimental Neurology</i> , 2012 , 235, 427-35	5.7	75
25	Late-onset Alzheimer's disease is associated with inherent changes in bioenergetics profiles. <i>Scientific Reports</i> , 2017 , 7, 14038	4.9	63
24	Midbrain dopamine neurons in Parkinson's disease exhibit a dysregulated miRNA and target-gene network. <i>Brain Research</i> , 2015 , 1618, 111-21	3.7	59
23	Tolerance to solid organ transplants through transfer of MHC class II genes. <i>Journal of Clinical Investigation</i> , 2001 , 107, 65-71	15.9	59
22	Differentiation of oligodendrocyte precursors is impaired in the prefrontal cortex in schizophrenia. <i>Schizophrenia Research</i> , 2015 , 169, 374-380	3.6	56
21	Molecular profiles of pyramidal neurons in the superior temporal cortex in schizophrenia. <i>Journal of Neurogenetics</i> , 2014 , 28, 53-69	1.6	56
20	Molecular profiles of parvalbumin-immunoreactive neurons in the superior temporal cortex in schizophrenia. <i>Journal of Neurogenetics</i> , 2014 , 28, 70-85	1.6	50
19	Pluripotent stem cell-based therapy for Parkinson's disease: Current status and future prospects. <i>Progress in Neurobiology</i> , 2018 , 168, 1-20	10.9	47

18	Stem cells may reshape the prospect of Parkinson's disease therapy. <i>Molecular Brain Research</i> , 2005 , 134, 34-51		45
17	MiR-126 Regulates Growth Factor Activities and Vulnerability to Toxic Insult in Neurons. <i>Molecular Neurobiology</i> , 2016 , 53, 95-108	6.2	36
16	Fast and efficient neural conversion of human hematopoietic cells. <i>Stem Cell Reports</i> , 2014 , 3, 1118-31	8	31
15	Limited predictability of postmortem human brain tissue quality by RNA integrity numbers. <i>Journal of Neurochemistry</i> , 2016 , 138, 53-9	6	25
14	Immature and neurally differentiated mouse embryonic stem cells do not express a functional Fas/Fas ligand system. <i>Stem Cells</i> , 2007 , 25, 2551-8	5.8	23
13	Implementations of translational medicine. <i>Journal of Translational Medicine</i> , 2005 , 3, 33	8.5	18
12	Brain cells derived from Alzheimer's disease patients have multiple specific innate abnormalities in energy metabolism. <i>Molecular Psychiatry</i> , 2021 ,	15.1	16
11	Detection of intranasally delivered bone marrow-derived mesenchymal stromal cells in the lesioned mouse brain: a cautionary report. <i>Stem Cells International</i> , 2011 , 2011, 586586	5	14
10	Selection Based on FOXA2 Expression Is Not Sufficient to Enrich for Dopamine Neurons From Human Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 1032-42	6.9	11
9	Human Fas-ligand expression on porcine endothelial cells does not protect against xenogeneic natural killer cytotoxicity. <i>Xenotransplantation</i> , 2004 , 11, 43-52	2.8	10
8	Tailoring human embryonic stem cells for neurodegenerative disease therapy. <i>Current Opinion in Investigational Drugs</i> , 2006 , 7, 614-8		9
7	Gene expression profile associated with postnatal development of pyramidal neurons in the human prefrontal cortex implicates ubiquitin ligase E3 in the pathophysiology of schizophrenia onset. <i>Journal of Psychiatric Research</i> , 2018 , 102, 110-117	5.2	6
6	Reactive oxygen species-sensitive nanophotosensitizers of aminophenyl boronic acid pinacol ester conjugated chitosan-g-methoxy poly(ethylene glycol) copolymer for photodynamic treatment of cancer. <i>Biomedical Materials (Bristol)</i> , 2020 , 15, 055034	3.5	4
5	Cell Type-Specific Laser Capture Microdissection for Gene Expression Profiling in the Human Brain. <i>Methods in Molecular Biology</i> , 2018 , 1723, 203-221	1.4	3
4	Laser microdissection and gene expression profiling in the human postmortem brain. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 150, 263-272	3	2
3	Hypothesis and Theory: Characterizing Abnormalities of Energy Metabolism Using a Cellular Platform as a Personalized Medicine Approach for Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 697578	5.7	1
2	The use of laser capture microdissection to identify specific pathways and mechanisms involved in impulsive choice in rats. <i>Heliyon</i> , 2019 , 5, e02254	3.6	0
1	Immunological Considerations in CNS Transplants 2007 , 305-326		

