

# Kai-Christian Sonntag

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1427408/publications.pdf>

Version: 2024-02-01

38  
papers

3,106  
citations

257450

24  
h-index

361022

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

5250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific MicroRNAs Modulate Embryonic Stem Cell-Derived Neurogenesis. <i>Stem Cells</i> , 2006, 24, 857-864.	3.2	611
2	Cell type-specific gene expression of midbrain dopaminergic neurons reveals molecules involved in their vulnerability and protection. <i>Human Molecular Genetics</i> , 2005, 14, 1709-1725.	2.9	338
3	Markers and Methods for Cell Sorting of Human Embryonic Stem Cell-Derived Neural Cell Populations. <i>Stem Cells</i> , 2007, 25, 2257-2268.	3.2	286
4	Enhanced Yield of Neuroepithelial Precursors and Midbrain-Like Dopaminergic Neurons from Human Embryonic Stem Cells Using the Bone Morphogenic Protein Antagonist Noggin. <i>Stem Cells</i> , 2007, 25, 411-418.	3.2	230
5	Generalized brain and skin proteasome inhibition in Huntington's disease. <i>Annals of Neurology</i> , 2004, 56, 319-328.	5.3	164
6	MicroRNAs and deregulated gene expression networks in neurodegeneration. <i>Brain Research</i> , 2010, 1338, 48-57.	2.2	123
7	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, 1712-1721.	3.1	120
8	Evidence for Gender-Specific Transcriptional Profiles of Nigral Dopamine Neurons in Parkinson Disease. <i>PLoS ONE</i> , 2010, 5, e8856.	2.5	113
9	Proteasome Activator Enhances Survival of Huntington's Disease Neuronal Model Cells. <i>PLoS ONE</i> , 2007, 2, e238.	2.5	110
10	Late-onset Alzheimer's disease is associated with inherent changes in bioenergetics profiles. <i>Scientific Reports</i> , 2017, 7, 14038.	3.3	96
11	Converging miRNA functions in diverse brain disorders: A case for miR-124 and miR-126. <i>Experimental Neurology</i> , 2012, 235, 427-435.	4.1	89
12	Midbrain dopamine neurons in Parkinson's disease exhibit a dysregulated miRNA and target-gene network. <i>Brain Research</i> , 2015, 1618, 111-121.	2.2	88
13	Pluripotent stem cell-based therapy for Parkinson's disease: Current status and future prospects. <i>Progress in Neurobiology</i> , 2018, 168, 1-20.	5.7	84
14	Molecular Profiles of Pyramidal Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 53-69.	1.4	75
15	Differentiation of oligodendrocyte precursors is impaired in the prefrontal cortex in schizophrenia. <i>Schizophrenia Research</i> , 2015, 169, 374-380.	2.0	73
16	Tolerance to solid organ transplants through transfer of MHC class II genes. <i>Journal of Clinical Investigation</i> , 2001, 107, 65-71.	8.2	70
17	Molecular Profiles of Parvalbumin-Immunoreactive Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 70-85.	1.4	63
18	Stem cells may reshape the prospect of Parkinson's disease therapy. <i>Molecular Brain Research</i> , 2005, 134, 34-51.	2.3	55

#	ARTICLE	IF	CITATIONS
19	Brain cells derived from Alzheimer's disease patients have multiple specific innate abnormalities in energy metabolism. <i>Molecular Psychiatry</i> , 2021, 26, 5702-5714.	7.9	54
20	MiR-126 Regulates Growth Factor Activities and Vulnerability to Toxic Insult in Neurons. <i>Molecular Neurobiology</i> , 2016, 53, 95-108.	4.0	48
21	Limited predictability of postmortem human brain tissue quality by <sc>RNA</sc> integrity numbers. <i>Journal of Neurochemistry</i> , 2016, 138, 53-59.	3.9	36
22	Fast and Efficient Neural Conversion of Human Hematopoietic Cells. <i>Stem Cell Reports</i> , 2014, 3, 1118-1131.	4.8	33
23	Implementations of translational medicine. <i>Journal of Translational Medicine</i> , 2005, 3, 33.	4.4	31
24	Immature and Neurally Differentiated Mouse Embryonic Stem Cells Do Not Express a Functional Fas/Fas Ligand System. <i>Stem Cells</i> , 2007, 25, 2551-2558.	3.2	25
25	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, 1-12.	2.5	17
26	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, 1032-1042.	3.3	13
27	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
28	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.	3.1	10
29	Tailoring human embryonic stem cells for neurodegenerative disease therapy. <i>Current Opinion in Investigational Drugs</i> , 2006, 7, 614-8.	2.3	9
30	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.	3.3	7
31	RNA mechanisms in CNS systems and disorders. <i>Brain Research</i> , 2010, 1338, 1-2.	2.2	6
32	Cell Type-Specific Laser Capture Microdissection for Gene Expression Profiling in the Human Brain. <i>Methods in Molecular Biology</i> , 2018, 1723, 203-221.	0.9	5
33	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.	3.7	4
34	Nicotinamide riboside and caffeine partially restore diminished NAD availability but not altered energy metabolism in Alzheimer's disease. <i>Aging Cell</i> , 0, , .	6.7	4
35	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.	1.8	3
36	The use of laser capture microdissection to identify specific pathways and mechanisms involved in impulsive choice in rats. <i>Heliyon</i> , 2019, 5, e02254.	3.2	3

#	ARTICLE	IF	CITATIONS
37	Poster #M176 MESSENGER RNA AND MICRORNA EXPRESSION PROFILING OF PYRAMIDAL NEURONS, PARVALBUMIN-IMMUNOREACTIVE NEURONS, DOPAMINE NEURONS AND OLIGODENDROCYTES IN SCHIZOPHRENIA AND PARKINSON'S DISEASE. Schizophrenia Research, 2014, 153, S254-S255.	2.0	0
38	Immunological Considerations in CNS Transplants. , 2007, , 305-326.		0