Jan Pruszak

List of Publications by Citations

37 papers	4,174 citations	23 h-index	40 g-index
40 ext. papers	4,708 ext. citations	8 avg, IF	4.74 L-index

#	Paper	IF	Citations
37	Neurons derived from reprogrammed fibroblasts functionally integrate into the fetal brain and improve symptoms of rats with Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5856-61	11.5	987
36	Yap1 acts downstream of Ecatenin to control epidermal proliferation. *Cell*, **2011**, 144, 782-95	56.2	751
35	iPSC-derived neurons from GBA1-associated Parkinson's disease patients show autophagic defects and impaired calcium homeostasis. *Nature Communications*, **2014**, 5, 4028	17.4	324
34	Markers and methods for cell sorting of human embryonic stem cell-derived neural cell populations. *Stem Cells*, **2007**, 25, 2257-68	5.8	263
33	Human glioblastoma-derived cancer stem cells: establishment of invasive glioma models and treatment with oncolytic herpes simplex virus vectors. *Cancer Research*, **2009**, 69, 3472-81	10.1	252
32	Enhanced yield of neuroepithelial precursors and midbrain-like dopaminergic neurons from human embryonic stem cells using the bone morphogenic protein antagonist noggin. *Stem Cells*, **2007**, 25, 411-8	5.8	214
31	Generation of iPSCs from cultured human malignant cells. *Blood*, **2010**, 115, 4039-42	2.2	181
30	CD15, CD24, and CD29 define a surface biomarker code for neural lineage differentiation of stem cells. *Stem Cells*, **2009**, 27, 2928-40	5.8	173
29	Wnt1-lmx1a forms a novel autoregulatory loop and controls midbrain dopaminergic differentiation synergistically with the SHH-FoxA2 pathway. *Cell Stem Cell*, **2009**, 5, 646-58	18	147
28	The NAD+ Precursor Nicotinamide Riboside Rescues Mitochondrial Defects and Neuronal Loss in iPSC and Fly Models of Parkinson's Disease. *Cell Reports*, **2018**, 23, 2976-2988	10.6	141
27	Genetic selection of sox1GFP-expressing neural precursors removes residual tumorigenic pluripotent stem cells and attenuates tumor formation after transplantation. *Journal of Neurochemistry*, **2006**, 97, 1467-80	6	124
26	Embryonic stem cell-derived Pitx3-enhanced green fluorescent protein midbrain dopamine neurons survive enrichment by fluorescence-activated cell sorting and function in an animal model of Parkinson's disease. *Stem Cells*, **2008**, 26, 1526-36	5.8	118
25	Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties. *Advanced Materials*, **2019**, 31, e1806727	24	74
24	The Hippo pathway member YAP enhances human neural crest cell fate and migration. *Scientific Reports*, **2016**, 6, 23208	4.9	58
23	Selection of embryonic stem cell-derived enhanced green fluorescent protein-positive dopamine neurons using the tyrosine hydroxylase promoter is confounded by reporter gene expression in immature cell populations. *Stem Cells*, **2007**, 25, 1126-35	5.8	55
22	Lessons from the embryonic neural stem cell niche for neural lineage differentiation of pluripotent stem cells. *Stem Cell Reviews and Reports*, **2012**, 8, 813-29	6.4	40
21	Isolation and culture of ventral mesencephalic precursor cells and dopaminergic neurons from rodent brains. *Current Protocols in Stem Cell Biology*, **2009**, Chapter 2, Unit 2D.5	2.8	35

20	Context-dependent neuronal differentiation and germ layer induction of Smad4-/- and Cripto-/- embryonic stem cells. *Molecular and Cellular Neurosciences*, **2005**, 28, 417-29	4.8	32
19	Neural deletion of Tgfbr2 impairs angiogenesis through an altered secretome. *Human Molecular Genetics*, **2014**, 23, 6177-90	5.6	31
18	Survival and functional restoration of human fetal ventral mesencephalon following transplantation in a rat model of Parkinson's disease. *Cell Transplantation*, **2013**, 22, 1281-93	4	29
17	The CD24 surface antigen in neural development and disease. *Neurobiology of Disease*, **2017**, 99, 133-144	7.5	26
16	Flow cytometry protocols for surface and intracellular antigen analyses of neural cell types. *Journal of Visualized Experiments*, **2014**,	1.6	25
15	Combined flow cytometric analysis of surface and intracellular antigens reveals surface molecule markers of human neuropoiesis. *PLoS ONE*, **2013**, 8, e68519	3.7	25
14	Immature and neurally differentiated mouse embryonic stem cells do not express a functional Fas/Fas ligand system. *Stem Cells*, **2007**, 25, 2551-8	5.8	23
13	Molecular and cellular determinants for generating ES-cell derived dopamine neurons for cell therapy. *Advances in Experimental Medicine and Biology*, **2009**, 651, 112-23	3.6	16
12	Surface marker profiling of SH-SY5Y cells enables small molecule screens identifying BMP4 as a modulator of neuroblastoma differentiation. *Scientific Reports*, **2017**, 7, 13612	4.9	14
11	ES cell-derived neuroepithelial cell cultures. *Journal of Visualized Experiments*, **2006**, 118	1.6	4
10	Detection of a novel HLA allele, HLA-B*50:01:09, identified by next generation sequencing. *Hla*, **2018**, 91, 537-538	1.9	3
9	Comprehensive Cell Surface Antigen Analysis Identifies Transferrin Receptor Protein-1 (CD71) as a Negative Selection Marker for Human Neuronal Cells. *Stem Cells*, **2019**, 37, 1293-1306	5.8	2
8	Part B: Directed Differentiation of Human Embryonic Stem Cells into Dopaminergic Neurons337-347		2
7	Neural repair with pluripotent stem cells. *Methods in Molecular Biology*, **2013**, 1037, 117-44	1.4	2
6	A brief perspective on neural cell therapy. *Molecular and Cellular Therapies*, **2014**, 2, 2		1
5	Synopsis and Epilogue **2015**, 223-228		0
4	Genomeditierung in der Zell- und Gentherapie. *Transfusionsmedizin Immunhmatologie Hotherapie Transplantationsimmunologie Zelltherapie*, **2017**, 7, 149-161	0.1	
3	Biomaterials: Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties (Adv. Mater. 12/2019). *Advanced Materials*, **2019**, 31, 1970083	24	

2	Neural Stem Cells: From Cell Fate and Metabolic Monitoring Toward Clinical Applications **2011**, 435-455	
1	Current Research on Stem Cells in Parkinson Disease: Progress and Challenges. *Pancreatic Islet Biology*, **2013**, 59-84	0.4