

# Jan Pruszek

## List of Publications by Year in Descending Order

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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.

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	Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806727	24	74
36	Biomaterials: Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties (Adv. Mater. 12/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970083	24	
35	Comprehensive Cell Surface Antigen Analysis Identifies Transferrin Receptor Protein-1 (CD71) as a Negative Selection Marker for Human Neuronal Cells. <i>Stem Cells</i> , <b>2019</b> , 37, 1293-1306	5.8	2
34	Detection of a novel HLA allele, HLA-B*50:01:09, identified by next generation sequencing. <i>Hla</i> , <b>2018</b> , 91, 537-538	1.9	3
33	The NAD <sup>+</sup> Precursor Nicotinamide Riboside Rescues Mitochondrial Defects and Neuronal Loss in iPSC and Fly Models of Parkinson's Disease. <i>Cell Reports</i> , <b>2018</b> , 23, 2976-2988	10.6	141
32	The CD24 surface antigen in neural development and disease. <i>Neurobiology of Disease</i> , <b>2017</b> , 99, 133-144	7.5	26
31	Genomeditierung in der Zell- und Gentherapie. <i>Transfusionsmedizin Immunhämatologie Hämotherapie Transplantationsimmunologie Zelltherapie</i> , <b>2017</b> , 7, 149-161	0.1	
30	Surface marker profiling of SH-SY5Y cells enables small molecule screens identifying BMP4 as a modulator of neuroblastoma differentiation. <i>Scientific Reports</i> , <b>2017</b> , 7, 13612	4.9	14
29	The Hippo pathway member YAP enhances human neural crest cell fate and migration. <i>Scientific Reports</i> , <b>2016</b> , 6, 23208	4.9	58
28	Synopsis and Epilogue <b>2015</b> , 223-228		0
27	iPSC-derived neurons from GBA1-associated Parkinson's disease patients show autophagic defects and impaired calcium homeostasis. <i>Nature Communications</i> , <b>2014</b> , 5, 4028	17.4	324
26	Flow cytometry protocols for surface and intracellular antigen analyses of neural cell types. <i>Journal of Visualized Experiments</i> , <b>2014</b> ,	1.6	25
25	Neural deletion of Tgfb2 impairs angiogenesis through an altered secretome. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6177-90	5.6	31
24	A brief perspective on neural cell therapy. <i>Molecular and Cellular Therapies</i> , <b>2014</b> , 2, 2		1
23	Survival and functional restoration of human fetal ventral mesencephalon following transplantation in a rat model of Parkinson's disease. <i>Cell Transplantation</i> , <b>2013</b> , 22, 1281-93	4	29
22	Combined flow cytometric analysis of surface and intracellular antigens reveals surface molecule markers of human neurogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e68519	3.7	25
21	Neural repair with pluripotent stem cells. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1037, 117-44	1.4	2

20	Current Research on Stem Cells in Parkinson's Disease: Progress and Challenges. <i>Pancreatic Islet Biology</i> , <b>2013</b> , 59-84	0.4	
19	Lessons from the embryonic neural stem cell niche for neural lineage differentiation of pluripotent stem cells. <i>Stem Cell Reviews and Reports</i> , <b>2012</b> , 8, 813-29	6.4	40
18	Yap1 acts downstream of E-catenin to control epidermal proliferation. <i>Cell</i> , <b>2011</b> , 144, 782-95	56.2	751
17	Neural Stem Cells: From Cell Fate and Metabolic Monitoring Toward Clinical Applications <b>2011</b> , 435-455		
16	Generation of iPSCs from cultured human malignant cells. <i>Blood</i> , <b>2010</b> , 115, 4039-42	2.2	181
15	Human glioblastoma-derived cancer stem cells: establishment of invasive glioma models and treatment with oncolytic herpes simplex virus vectors. <i>Cancer Research</i> , <b>2009</b> , 69, 3472-81	10.1	252
14	CD15, CD24, and CD29 define a surface biomarker code for neural lineage differentiation of stem cells. <i>Stem Cells</i> , <b>2009</b> , 27, 2928-40	5.8	173
13	Wnt1-lmx1a forms a novel autoregulatory loop and controls midbrain dopaminergic differentiation synergistically with the SHH-FoxA2 pathway. <i>Cell Stem Cell</i> , <b>2009</b> , 5, 646-58	18	147
12	Isolation and culture of ventral mesencephalic precursor cells and dopaminergic neurons from rodent brains. <i>Current Protocols in Stem Cell Biology</i> , <b>2009</b> , Chapter 2, Unit 2D.5	2.8	35
11	Molecular and cellular determinants for generating ES-cell derived dopamine neurons for cell therapy. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 651, 112-23	3.6	16
10	Neurons derived from reprogrammed fibroblasts functionally integrate into the fetal brain and improve symptoms of rats with Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5856-61	11.5	987
9	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. <i>Stem Cells</i> , <b>2008</b> , 26, 1526-36	5.8	118
8	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. <i>Stem Cells</i> , <b>2007</b> , 25, 1126-35	5.8	55
7	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> , <b>2007</b> , 25, 411-8	5.8	214
6	Markers and methods for cell sorting of human embryonic stem cell-derived neural cell populations. <i>Stem Cells</i> , <b>2007</b> , 25, 2257-68	5.8	263
5	Immature and neurally differentiated mouse embryonic stem cells do not express a functional Fas/Fas ligand system. <i>Stem Cells</i> , <b>2007</b> , 25, 2551-8	5.8	23
4	ES cell-derived neuroepithelial cell cultures. <i>Journal of Visualized Experiments</i> , <b>2006</b> , 118	1.6	4
3	Genetic selection of sox1GFP-expressing neural precursors removes residual tumorigenic pluripotent stem cells and attenuates tumor formation after transplantation. <i>Journal of Neurochemistry</i> , <b>2006</b> , 97, 1467-80	6	124

2	Context-dependent neuronal differentiation and germ layer induction of Smad4 <sup>-/-</sup> and Cripto <sup>-/-</sup> embryonic stem cells. <i>Molecular and Cellular Neurosciences</i> , <b>2005</b> , 28, 417-29	4.8	32
1	Part B: Directed Differentiation of Human Embryonic Stem Cells into Dopaminergic Neurons337-347		2