

Jan Pruszek

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,074
citations

257357

24
h-index

395590

33
g-index

40
all docs

40
docs citations

40
times ranked

8977
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2008, 105, 5856-5861.	3.3	1,129
2	Yap1 Acts Downstream of $\hat{\pm}$ -Catenin to Control Epidermal Proliferation. <i>Cell</i> , 2011, 144, 782-795.	13.5	923
3	iPSC-derived neurons from GBA1-associated Parkinson's disease patients show autophagic defects and impaired calcium homeostasis. <i>Nature Communications</i> , 2014, 5, 4028.	5.8	436
4	Human Glioblastoma-Derived Cancer Stem Cells: Establishment of Invasive Glioma Models and Treatment with Oncolytic Herpes Simplex Virus Vectors. <i>Cancer Research</i> , 2009, 69, 3472-3481.	0.4	303
5	Markers and Methods for Cell Sorting of Human Embryonic Stem Cell-Derived Neural Cell Populations. <i>Stem Cells</i> , 2007, 25, 2257-2268.	1.4	286
6	The NAD ⁺ Precursor Nicotinamide Riboside Rescues Mitochondrial Defects and Neuronal Loss in iPSC and Fly Models of Parkinson's Disease. <i>Cell Reports</i> , 2018, 23, 2976-2988.	2.9	239
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> , 2007, 25, 411-418.	1.4	230
8	CD15, CD24, and CD29 Define a Surface Biomarker Code for Neural Lineage Differentiation of Stem Cells. <i>Stem Cells</i> , 2009, 27, 2928-2940.	1.4	209
9	Generation of iPSCs from cultured human malignant cells. <i>Blood</i> , 2010, 115, 4039-4042.	0.6	206
10	Wnt1-Imx1a Forms a Novel Autoregulatory Loop and Controls Midbrain Dopaminergic Differentiation Synergistically with the SHH-FoxA2 Pathway. <i>Cell Stem Cell</i> , 2009, 5, 646-658.	5.2	172
11	Genetic selection of sox1GFP-expressing neural precursors removes residual tumorigenic pluripotent stem cells and attenuates tumor formation after transplantation. <i>Journal of Neurochemistry</i> , 2006, 97, 1467-1480.	2.1	137
12	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> , 2008, 26, 1526-1536.	1.4	135
13	Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties. <i>Advanced Materials</i> , 2019, 31, e1806727.	11.1	104
14	The Hippo pathway member YAP enhances human neural crest cell fate and migration. <i>Scientific Reports</i> , 2016, 6, 23208.	1.6	84
15	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> , 2007, 25, 1126-1135.	1.4	59
16	Isolation and Culture of Ventral Mesencephalic Precursor Cells and Dopaminergic Neurons from Rodent Brains. <i>Current Protocols in Stem Cell Biology</i> , 2009, 11, Unit 2D.5.	3.0	45
17	Lessons from the Embryonic Neural Stem Cell Niche for Neural Lineage Differentiation of Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 813-829.	5.6	45
18	Neural deletion of Tgfbr2 impairs angiogenesis through an altered secretome. <i>Human Molecular Genetics</i> , 2014, 23, 6177-6190.	1.4	43

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19	Survival and Functional Restoration of Human Fetal Ventral Mesencephalon following Transplantation in a Rat Model of Parkinson's Disease. <i>Cell Transplantation</i> , 2013, 22, 1281-1293.	1.2	40
20	The CD24 surface antigen in neural development and disease. <i>Neurobiology of Disease</i> , 2017, 99, 133-144.	2.1	40
21	Context-dependent neuronal differentiation and germ layer induction of Smad4 ^{+/+} and Crip1 ^{+/+} embryonic stem cells. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 417-429.	1.0	38
22	Combined Flow Cytometric Analysis of Surface and Intracellular Antigens Reveals Surface Molecule Markers of Human Neurogenesis. <i>PLoS ONE</i> , 2013, 8, e68519.	1.1	37
23	Flow Cytometry Protocols for Surface and Intracellular Antigen Analyses of Neural Cell Types. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	32
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.	1.4	25
25	Surface marker profiling of SH-SY5Y cells enables small molecule screens identifying BMP4 as a modulator of neuroblastoma differentiation. <i>Scientific Reports</i> , 2017, 7, 13612.	1.6	24
26	Molecular and Cellular Determinants for Generating ES-Cell Derived Dopamine Neurons for Cell Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2009, 651, 112-123.	0.8	19
27	Comprehensive Cell Surface Antigen Analysis Identifies Transferrin Receptor Protein-1 (CD71) as a Negative Selection Marker for Human Neuronal Cells. <i>Stem Cells</i> , 2019, 37, 1293-1306.	1.4	9
28	Glycan Epitope and Integrin Expression Dynamics Characterize Neural Crest Epithelial-to-Mesenchymal Transition (EMT) in Human Pluripotent Stem Cell Differentiation. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2952-2965.	1.7	8
29	ES Cell-derived Neuroepithelial Cell Cultures. <i>Journal of Visualized Experiments</i> , 2006, , 118.	0.2	4
30	Part B: Directed Differentiation of Human Embryonic Stem Cells into Dopaminergic Neurons. , 0, , 337-347.		4
31	Detection of a novel HLA allele, <i>HLA-B*50:01:09</i> , identified by next generation sequencing. <i>Hla</i> , 2018, 91, 537-538.	0.4	3
32	Neural Repair with Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1037, 117-144.	0.4	2
33	A brief perspective on neural cell therapy. <i>Molecular and Cellular Therapies</i> , 2014, 2, 2.	0.2	1
34	Synopsis and Epilogue. , 2015, , 223-228.		1
35	Biomaterials: Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties (<i>Adv. Mater.</i> 12/2019). <i>Advanced Materials</i> , 2019, 31, 1970083.	11.1	1
36	Neural Stem Cells: From Cell Fate and Metabolic Monitoring Toward Clinical Applications. , 2011, , 435-455.		0

#	ARTICLE	IF	CITATIONS
37	Current Research on Stem Cells in Parkinson's Disease: Progress and Challenges. Pancreatic Islet Biology, 2013, , 59-84.	0.1	0