

Jason Tchieu

List of Publications by Year in descending order

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31
papers

6,997
citations

257450

24
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501196

28
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32
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32
docs citations

32
times ranked

9304
citing authors

#	ARTICLE	IF	CITATIONS
1	Directly Reprogrammed Fibroblasts Show Global Epigenetic Remodeling and Widespread Tissue Contribution. <i>Cell Stem Cell</i> , 2007, 1, 55-70.	11.1	1,596
2	Phylogenetic Relationships within Cation Transporter Families of Arabidopsis. <i>Plant Physiology</i> , 2001, 126, 1646-1667.	4.8	1,110
3	Generation of human induced pluripotent stem cells from dermal fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2883-2888.	7.1	938
4	Role of the Murine Reprogramming Factors in the Induction of Pluripotency. <i>Cell</i> , 2009, 136, 364-377.	28.9	579
5	Genomic Comparison of P-Type ATPase Ion Pumps in Arabidopsis and Rice. <i>Plant Physiology</i> , 2003, 132, 618-628.	4.8	320
6	Female Human iPSCs Retain an Inactive X Chromosome. <i>Cell Stem Cell</i> , 2010, 7, 329-342.	11.1	261
7	Deriving human ENS lineages for cell therapy and drug discovery in Hirschsprung disease. <i>Nature</i> , 2016, 531, 105-109.	27.8	252
8	Specification of positional identity in forebrain organoids. <i>Nature Biotechnology</i> , 2019, 37, 436-444.	17.5	226
9	Combined small-molecule inhibition accelerates the derivation of functional cortical neurons from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2017, 35, 154-163.	17.5	186
10	Voltage-dependent Anion Channels (VDACs) Recruit Parkin to Defective Mitochondria to Promote Mitochondrial Autophagy. <i>Journal of Biological Chemistry</i> , 2012, 287, 40652-40660.	3.4	179
11	A Modular Platform for Differentiation of Human PSCs into All Major Ectodermal Lineages. <i>Cell Stem Cell</i> , 2017, 21, 399-410.e7.	11.1	168
12	Human Embryonic Stem Cell-Derived Oligodendrocyte Progenitors Remyelinate the Brain and Rescue Behavioral Deficits following Radiation. <i>Cell Stem Cell</i> , 2015, 16, 198-210.	11.1	164
13	NFIA is a gliogenic switch enabling rapid derivation of functional human astrocytes from pluripotent stem cells. <i>Nature Biotechnology</i> , 2019, 37, 267-275.	17.5	150
14	Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimer's disease. <i>Nature Neuroscience</i> , 2021, 24, 343-354.	14.8	118
15	Lipid Deprivation Induces a Stable, Naive-to-Primed Intermediate State of Pluripotency in Human PSCs. <i>Cell Stem Cell</i> , 2019, 25, 120-136.e10.	11.1	98
16	X Chromosome Reactivation Dynamics Reveal Stages of Reprogramming to Pluripotency. <i>Cell</i> , 2014, 159, 1681-1697.	28.9	97
17	A Broad-Specificity Multidrug Efflux Pump Requiring a Pair of Homologous SMR-Type Proteins. <i>Journal of Bacteriology</i> , 2000, 182, 2311-2313.	2.2	94
18	Influence of threonine exporters on threonine production in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2002, 59, 205-210.	3.6	76

#	ARTICLE	IF	CITATIONS
19	Sequence and Phylogenetic Analyses of 4 TMS Junctional Proteins of Animals: Connexins, Innexins, Claudins and Occludins. <i>Journal of Membrane Biology</i> , 2003, 194, 59-76.	2.1	68
20	Capturing the biology of disease severity in a PSC-based model of familial dysautonomia. <i>Nature Medicine</i> , 2016, 22, 1421-1427.	30.7	58
21	Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8775-E8782.	7.1	58
22	A Multiplex Human Pluripotent Stem Cell Platform Defines Molecular and Functional Subclasses of Autism-Related Genes. <i>Cell Stem Cell</i> , 2020, 27, 35-49.e6.	11.1	56
23	A web-based Tree View (TV) program for the visualization of phylogenetic trees. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2002, 4, 69-70.	1.0	43
24	Retinoic Acid-Mediated Regulation of GLI3 Enables Efficient Motoneuron Derivation from Human ESCs in the Absence of Extrinsic SHH Activation. <i>Journal of Neuroscience</i> , 2015, 35, 11462-11481.	3.6	27
25	Activation of HERV-K(HML-2) disrupts cortical patterning and neuronal differentiation by increasing NTRK3. <i>Cell Stem Cell</i> , 2021, 28, 1566-1581.e8.	11.1	27
26	Build-a-Brain. <i>Cell Stem Cell</i> , 2013, 13, 377-378.	11.1	20
27	An integrated Arabidopsis annotation database for Affymetrix Genechip® data analysis, and tools for regulatory motif searches. <i>Trends in Plant Science</i> , 2001, 6, 448-449.	8.8	17
28	Targeting Homologous Recombination in Notch-Driven C. elegans Stem Cell and Human Tumors. <i>PLoS ONE</i> , 2015, 10, e0127862.	2.5	11
29	1451 GENOME-WIDE EXPRESSION PROFILING OF CASTRATION-RESISTANT PROSTATE CANCER XENOGRAFTS IN THE BONE-NICHE REVEALED UP-REGULATION OF THE ANTI-APOPTOSIS GENE, YWHAZ, A NETWORK MODULE HUB GENE. <i>Journal of Urology</i> , 2011, 185, .	0.4	0
30	Disabling the Fanconi Anemia Pathway in Stem Cells Leads to Radioresistance and Genomic Instability. <i>Cancer Research</i> , 2021, 81, 3706-3716.	0.9	0
31	Harnessing the Power of Stem Cell Models to Study Shared Genetic Variants in Congenital Heart Diseases and Neurodevelopmental Disorders. <i>Cells</i> , 2022, 11, 460.	4.1	0