Jason Tchieu

List of Publications by Year in descending order

31 papers	6,997 citations	257429 24 h-index	501174 28 g-index
32 all docs	32 docs citations	32 times ranked	9304 citing authors

#	Article	IF	Citations
1	Harnessing the Power of Stem Cell Models to Study Shared Genetic Variants in Congenital Heart Diseases and Neurodevelopmental Disorders. Cells, 2022, 11, 460.	4.1	0
2	Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimerâ€™s disease. Nature Neuroscience, 2021, 24, 343-354.	14.8	118
3	Disabling the Fanconi Anemia Pathway in Stem Cells Leads to Radioresistance and Genomic Instability. Cancer Research, 2021, 81, 3706-3716.	0.9	0
4	Activation of HERV-K(HML-2) disrupts cortical patterning and neuronal differentiation by increasing NTRK3. Cell Stem Cell, 2021, 28, 1566-1581.e8.	11.1	27
5	A Multiplex Human Pluripotent Stem Cell Platform Defines Molecular and Functional Subclasses of Autism-Related Genes. Cell Stem Cell, 2020, 27, 35-49.e6.	11.1	56
6	Lipid Deprivation Induces a Stable, Naive-to-Primed Intermediate State of Pluripotency in Human PSCs. Cell Stem Cell, 2019, 25, 120-136.e10.	11.1	98
7	Specification of positional identity in forebrain organoids. Nature Biotechnology, 2019, 37, 436-444.	17.5	226
8	NFIA is a gliogenic switch enabling rapid derivation of functional human astrocytes from pluripotent stem cells. Nature Biotechnology, 2019, 37, 267-275.	17.5	150
9	Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8775-E8782.	7.1	58
10	Combined small-molecule inhibition accelerates the derivation of functional cortical neurons from human pluripotent stem cells. Nature Biotechnology, 2017, 35, 154-163.	17.5	186
11	A Modular Platform for Differentiation of Human PSCs into All Major Ectodermal Lineages. Cell Stem Cell, 2017, 21, 399-410.e7.	11.1	168
12	Capturing the biology of disease severity in a PSC-based model of familial dysautonomia. Nature Medicine, 2016, 22, 1421-1427.	30.7	58
13	Deriving human ENS lineages for cell therapy and drug discovery in Hirschsprung disease. Nature, 2016, 531, 105-109.	27.8	252
14	Targeting Homologous Recombination in Notch-Driven C. elegans Stem Cell and Human Tumors. PLoS ONE, 2015, 10, e0127862.	2.5	11
15	Human Embryonic Stem Cell-Derived Oligodendrocyte Progenitors Remyelinate the Brain and Rescue Behavioral Deficits following Radiation. Cell Stem Cell, 2015, 16, 198-210.	11.1	164
16	Retinoic Acid-Mediated Regulation of GLI3 Enables Efficient Motoneuron Derivation from Human ESCs in the Absence of Extrinsic SHH Activation. Journal of Neuroscience, 2015, 35, 11462-11481.	3.6	27
17	X Chromosome Reactivation Dynamics Reveal Stages of Reprogramming to Pluripotency. Cell, 2014, 159, 1681-1697.	28.9	97
18	Build-a-Brain. Cell Stem Cell, 2013, 13, 377-378.	11.1	20

#	Article	IF	Citations
19	Voltage-dependent Anion Channels (VDACs) Recruit Parkin to Defective Mitochondria to Promote Mitochondrial Autophagy. Journal of Biological Chemistry, 2012, 287, 40652-40660.	3.4	179
20	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. Journal of Urology, 2011, 185, .	0.4	0
21	Female Human iPSCs Retain an Inactive X Chromosome. Cell Stem Cell, 2010, 7, 329-342.	11.1	261
22	Role of the Murine Reprogramming Factors in the Induction of Pluripotency. Cell, 2009, 136, 364-377.	28.9	579
23	Generation of human induced pluripotent stem cells from dermal fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2883-2888.	7.1	938
24	Directly Reprogrammed Fibroblasts ShowÂGlobalÂEpigeneticÂRemodeling andÂWidespreadÂTissueÂContribution. Cell Stem Cell, 2007, 1, 55-70.	11.1	1,596
25	Sequence and Phylogenetic Analyses of 4 TMS Junctional Proteins of Animals: Connexins, Innexins, Claudins and Occludins. Journal of Membrane Biology, 2003, 194, 59-76.	2.1	68
26	Genomic Comparison of P-Type ATPase Ion Pumps in Arabidopsis and Rice. Plant Physiology, 2003, 132, 618-628.	4.8	320
27	Influence of threonine exporters on threonine production in Escherichia coli. Applied Microbiology and Biotechnology, 2002, 59, 205-210.	3.6	76
28	A web-based Tree View (TV) program for the visualization of phylogenetic trees. Journal of Molecular Microbiology and Biotechnology, 2002, 4, 69-70.	1.0	43
29	An integrated Arabidopsis annotation database for Affymetrix GenechipÂ® data analysis, and tools for regulatory motif searches. Trends in Plant Science, 2001, 6, 448-449.	8.8	17
30	Phylogenetic Relationships within Cation Transporter Families of Arabidopsis. Plant Physiology, 2001, 126, 1646-1667.	4.8	1,110
31	A Broad-Specificity Multidrug Efflux Pump Requiring a Pair of Homologous SMR-Type Proteins. Journal of Bacteriology, 2000, 182, 2311-2313.	2.2	94