

Shi-Yan Ng

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,308
citations

361413

20
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

4457
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of SIRT3 and in Neurodegeneration. <i>Neuromethods</i> , 2022, , 99-120.	0.3	0
2	ALS motor neurons exhibit hallmark metabolic defects that are rescued by SIRT3 activation. <i>Cell Death and Differentiation</i> , 2021, 28, 1379-1397.	11.2	43
3	Enterovirusâ€A71 exploits peripherin and Rac1 to invade the central nervous system. <i>EMBO Reports</i> , 2021, 22, e51777.	4.5	12
4	TDP-43 mediates SREBF2-regulated gene expression required for oligodendrocyte myelination. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	25
5	A chemical biology approach reveals a dependency of glioblastoma on biotin distribution. <i>Science Advances</i> , 2021, 7, eabf6033.	10.3	10
6	Upregulation of the JAK-STAT pathway promotes maturation of human embryonic stem cell-derived cardiomyocytes. <i>Stem Cell Reports</i> , 2021, , .	4.8	2
7	A Balanced Translocation in Kallmann Syndrome Implicates a Long Noncoding RNA, RMST, as a GnRH Neuronal Regulator. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e231-e244.	3.6	28
8	Replacing whatâ€™s lost: a new era of stem cell therapy for Parkinsonâ€™s disease. <i>Translational Neurodegeneration</i> , 2020, 9, 2.	8.0	62
9	Generating ventral spinal organoids from human induced pluripotent stem cells. <i>Methods in Cell Biology</i> , 2020, 159, 257-277.	1.1	13
10	Organoid cultures of MELAS neural cells reveal hyperactive Notch signaling that impacts neurodevelopment. <i>Cell Death and Disease</i> , 2020, 11, 182.	6.3	26
11	Mitochondrial 3243Aâ€%>â€%G mutation confers pro-atherogenic and pro-inflammatory properties in MELAS iPS derived endothelial cells. <i>Cell Death and Disease</i> , 2019, 10, 802.	6.3	23
12	Spinal cord organoids add an extra dimension to traditional motor neuron cultures. <i>Neural Regeneration Research</i> , 2019, 14, 1515.	3.0	17
13	Using intracellular markers to identify a novel set of surface markers for live cell purification from a heterogeneous hiPSC culture. <i>Scientific Reports</i> , 2018, 8, 804.	3.3	14
14	Wnt/ β -catenin-mediated signaling re-activates proliferation of matured cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2018, 9, 338.	5.5	50
15	Patient-Derived Induced Pluripotent Stem Cells and Organoids for Modeling Alpha Synuclein Propagation in Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 413.	3.7	9
16	Cell cycle inhibitors protect motor neurons in an organoid model of Spinal Muscular Atrophy. <i>Cell Death and Disease</i> , 2018, 9, 1100.	6.3	72
17	Single-Cell Analysis of SMN Reveals Its Broader Role in Neuromuscular Disease. <i>Cell Reports</i> , 2017, 18, 1484-1498.	6.4	38
18	The Antisense Transcript SMN-AS1 Regulates SMN Expression and Is a Novel Therapeutic Target for Spinal Muscular Atrophy. <i>Neuron</i> , 2017, 93, 66-79.	8.1	113

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19	Endothelin-1 supports clonal derivation and expansion of cardiovascular progenitors derived from human embryonic stem cells. <i>Nature Communications</i> , 2016, 7, 10774.	12.8	21
20	Cell-type-specific miR-431 dysregulation in a motor neuron model of spinal muscular atrophy. <i>Human Molecular Genetics</i> , 2016, 25, 2168-2181.	2.9	38
21	CARMEN, a human super enhancer-associated long noncoding RNA controlling cardiac specification, differentiation and homeostasis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 98-112.	1.9	223
22	Genome-wide RNA-Seq of Human Motor Neurons Implicates Selective ER Stress Activation in Spinal Muscular Atrophy. <i>Cell Stem Cell</i> , 2015, 17, 569-584.	11.1	108
23	N-cadherin prevents the premature differentiation of anterior heart field progenitors in the pharyngeal mesodermal microenvironment. <i>Cell Research</i> , 2014, 24, 1420-1432.	12.0	35
24	The Long Noncoding RNA RMST Interacts with SOX2 to Regulate Neurogenesis. <i>Molecular Cell</i> , 2013, 51, 349-359.	9.7	378
25	Long non-coding RNAs in stem cell pluripotency. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 121-128.	6.4	29
26	Long noncoding RNAs in development and disease of the central nervous system. <i>Trends in Genetics</i> , 2013, 29, 461-468.	6.7	319
27	CD166pos Subpopulation From Differentiated Human ES and iPS Cells Support Repair of Acute Lung Injury. <i>Molecular Therapy</i> , 2012, 20, 2335-2346.	8.2	26
28	Human long non-coding RNAs promote pluripotency and neuronal differentiation by association with chromatin modifiers and transcription factors. <i>EMBO Journal</i> , 2012, 31, 522-533.	7.8	461
29	Nanofiber topography and sustained biochemical signaling enhance human mesenchymal stem cell neural commitment. <i>Acta Biomaterialia</i> , 2012, 8, 1290-1302.	8.3	111