

# Ranjie Xu

## List of Publications by Year in descending order

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14  
papers

780  
citations

759233

12  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Type-I-interferon signaling drives microglial dysfunction and senescence in human iPSC models of Down syndrome and Alzheimer's disease. <i>Cell Stem Cell</i> , 2022, 29, 1135-1153.e8.	11.1	45
2	Developing human pluripotent stem cell-based cerebral organoids with a controllable microglia ratio for modeling brain development and pathology. <i>Stem Cell Reports</i> , 2021, 16, 1923-1937.	4.8	107
3	High-Fidelity Modeling of Human Microglia with Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2020, 26, 629-631.	11.1	13
4	Human iPSC-derived mature microglia retain their identity and functionally integrate in the chimeric mouse brain. <i>Nature Communications</i> , 2020, 11, 1577.	12.8	108
5	OLIG2 Drives Abnormal Neurodevelopmental Phenotypes in Human iPSC-Based Organoid and Chimeric Mouse Models of Down Syndrome. <i>Cell Stem Cell</i> , 2019, 24, 908-926.e8.	11.1	122
6	Pluripotent Stem Cell-Derived Cerebral Organoids Reveal Human Oligodendrogenesis with Dorsal and Ventral Origins. <i>Stem Cell Reports</i> , 2019, 12, 890-905.	4.8	101
7	Three-dimensional hyaluronic acid hydrogel-based models for in vitro human iPSC-derived NPC culture and differentiation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3870-3878.	5.8	95
8	Generating CNS organoids from human induced pluripotent stem cells for modeling neurological disorders. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2017, 9, 101-111.	0.8	20
9	Mitochondrial Biogenesis Involved in Neurodegeneration and Aging. <i>Gene and Gene Editing</i> , 2015, 1, 103-110.	0.0	0
10	Protease Omi facilitates neurite outgrowth in mouse neuroblastoma N2a cells by cleaving transcription factor E2F1. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 966-975.	6.1	18
11	The protease Omi regulates mitochondrial biogenesis through the GSK3 $\beta$ /PGC-1 $\alpha$ pathway. <i>Cell Death and Disease</i> , 2014, 5, e1373-e1373.	6.3	49
12	Bcl-2-dependent upregulation of autophagy by sequestosome 1/p62 in vitro. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 651-656.	6.1	44
13	The Protease Omi Cleaves the Mitogen-Activated Protein Kinase Kinase MEK1 to Inhibit Microglial Activation. <i>Science Signaling</i> , 2012, 5, ra61.	3.6	24
14	Hax-1 is rapidly degraded by the proteasome dependent on its PEST sequence. <i>BMC Cell Biology</i> , 2012, 13, 20.	3.0	25