

# Yangfei Xiang

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,255  
citations

471509

17  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of human brain organoids with a functional vascular-like system. <i>Nature Methods</i> , 2019, 16, 1169-1175.	19.0	551
2	Fusion of Regionally Specified hPSC-Derived Organoids Models Human Brain Development and Interneuron Migration. <i>Cell Stem Cell</i> , 2017, 21, 383-398.e7.	11.1	508
3	hESC-Derived Thalamic Organoids Form Reciprocal Projections When Fused with Cortical Organoids. <i>Cell Stem Cell</i> , 2019, 24, 487-497.e7.	11.1	305
4	Synthetic Analyses of Single-Cell Transcriptomes from Multiple Brain Organoids and Fetal Brain. <i>Cell Reports</i> , 2020, 30, 1682-1689.e3.	6.4	150
5	Epidermal Growth Factor Receptor-PI3K Signaling Controls Cofilin Activity To Facilitate Herpes Simplex Virus 1 Entry into Neuronal Cells. <i>MBio</i> , 2014, 5, e00958-13.	4.1	98
6	In vitro Anti-Herpes Simplex Virus Activity of 1,2,4,6-Tetra-O-galloyl- $\alpha$ -D-glucose from <i>Phyllanthus emblica</i> L. (Euphorbiaceae). <i>Phytotherapy Research</i> , 2011, 25, 975-982.	5.8	68
7	Cofilin 1-Mediated Biphasic F-Actin Dynamics of Neuronal Cells Affect Herpes Simplex Virus 1 Infection and Replication. <i>Journal of Virology</i> , 2012, 86, 8440-8451.	3.4	56
8	Dysregulation of BRD4 Function Underlies the Functional Abnormalities of MeCP2 Mutant Neurons. <i>Molecular Cell</i> , 2020, 79, 84-98.e9.	9.7	53
9	Proteomics analysis of autophagy-deficient Atg7 <sup>Δ</sup> MEFs reveals a close relationship between F-actin and autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 482-488.	2.1	51
10	Expression of the transcription factor PU.1 induces the generation of microglia-like cells in human cortical organoids. <i>Nature Communications</i> , 2022, 13, 430.	12.8	49
11	Heat-Shock Protein 90 Promotes Nuclear Transport of Herpes Simplex Virus 1 Capsid Protein by Interacting with Acetylated Tubulin. <i>PLoS ONE</i> , 2014, 9, e99425.	2.5	43
12	Inhibition of herpes simplex virus type 1 entry by chloride channel inhibitors tamoxifen and NPPB. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 990-996.	2.1	37
13	Uhrf1 regulates active transcriptional marks at bivalent domains in pluripotent stem cells through Setd1a. <i>Nature Communications</i> , 2018, 9, 2583.	12.8	35
14	Ethanol Upregulates NMDA Receptor Subunit Gene Expression in Human Embryonic Stem Cell-Derived Cortical Neurons. <i>PLoS ONE</i> , 2015, 10, e0134907.	2.5	33
15	The Hsp90 inhibitor SNX-2112 induces apoptosis of human hepatocellular carcinoma cells: The role of ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 160-166.	2.1	30
16	Generation of Regionally Specified Human Brain Organoids Resembling Thalamus Development. <i>STAR Protocols</i> , 2020, 1, 100001.	1.2	24
17	Exploration of alcohol use disorder-associated brain miRNA-mRNA regulatory networks. <i>Translational Psychiatry</i> , 2021, 11, 504.	4.8	23
18	Modeling human neurodevelopmental diseases with brain organoids. <i>Cell Regeneration</i> , 2022, 11, 1.	2.6	22

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19	Generation and Fusion of Human Cortical and Medial Ganglionic Eminence Brain Organoids. <i>Current Protocols in Stem Cell Biology</i> , 2018, 47, e61.	3.0	21
20	Deconstructing and reconstructing the human brain with regionally specified brain organoids. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 40-51.	5.0	21
21	Transcriptome Signature and Regulation in Human Somatic Cell Reprogramming. <i>Stem Cell Reports</i> , 2015, 4, 1125-1139.	4.8	19
22	Cofilin-1 is involved in regulation of actin reorganization during influenza A virus assembly and budding. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 821-825.	2.1	18
23	Calcium-signal facilitates herpes simplex virus type 1 nuclear transport through slingshot 1 and calpain-1 activation. <i>Virus Research</i> , 2014, 188, 32-37.	2.2	11
24	Ubiquitin-proteasome-dependent slingshot 1 downregulation in neuronal cells inactivates cofilin to facilitate HSV-1 replication. <i>Virology</i> , 2014, 449, 88-95.	2.4	9
25	Self-Organizing Maps for the Classification of Gallic Acylate Polyphenols as HSV-1 Inhibitors. <i>Medicinal Chemistry</i> , 2014, 10, 388-401.	1.5	5
26	The critical role of persistent sodium current in hippocampal gamma oscillations. <i>Neuropharmacology</i> , 2020, 162, 107787.	4.1	3
27	Current progress in brain organoid technology. <i>Scientia Sinica Vitae</i> , 2023, 53, 161-174.	0.3	1
28	Developing a Model of Human Pluripotent to Hematopoietic Stem Cell Development in Mistrg Mice. <i>Blood</i> , 2015, 126, 4755-4755.	1.4	0