

# Xiaonan Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,071  
citations

567281

15  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2209  
citing authors

#	ARTICLE	IF	CITATIONS
1	An AP-MS- and BioID-compatible MAC-tag enables comprehensive mapping of protein interactions and subcellular localizations. <i>Nature Communications</i> , 2018, 9, 1188.	12.8	191
2	Bidirectional Interplay between Vimentin Intermediate Filaments and Contractile Actin Stress Fibers. <i>Cell Reports</i> , 2015, 11, 1511-1518.	6.4	157
3	Quantitative Proteomics Analysis of Vitreous Humor from Diabetic Retinopathy Patients. <i>Journal of Proteome Research</i> , 2015, 14, 5131-5143.	3.7	98
4	The nNOS-p38MAPK Pathway Is Mediated by NOS1AP during Neuronal Death. <i>Journal of Neuroscience</i> , 2013, 33, 8185-8201.	3.6	80
5	Combined proximity labeling and affinity purification-mass spectrometry workflow for mapping and visualizing protein interaction networks. <i>Nature Protocols</i> , 2020, 15, 3182-3211.	12.0	75
6	Human transcription factor protein interaction networks. <i>Nature Communications</i> , 2022, 13, 766.	12.8	59
7	SARS-CoV-2 host proteome interactions for antiviral drug discovery. <i>Molecular Systems Biology</i> , 2021, 17, e10396.	7.2	53
8	Myosin-18B Promotes the Assembly of Myosin II Stacks for Maturation of Contractile Actomyosin Bundles. <i>Current Biology</i> , 2019, 29, 81-92.e5.	3.9	43
9	Gain-of-function CEBPE mutation causes noncanonical autoinflammatory inflammasomopathy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1364-1376.	2.9	37
10	Two missense mutations in KCNQ1 cause pituitary hormone deficiency and maternally inherited gingival fibromatosis. <i>Nature Communications</i> , 2017, 8, 1289.	12.8	33
11	MKRN3 Interacts With Several Proteins Implicated in Puberty Timing but Does Not Influence GNRH1 Expression. <i>Frontiers in Endocrinology</i> , 2019, 10, 48.	3.5	31
12	Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone. <i>Redox Biology</i> , 2018, 19, 37-45.	9.0	25
13	Somatic MED12 Nonsense Mutation Escapes mRNA Decay and Reveals a Motif Required for Nuclear Entry. <i>Human Mutation</i> , 2017, 38, 269-274.	2.5	20
14	Assembly of the $\beta$ 4-Integrin Interactome Based on Proximal Biotinylation in the Presence and Absence of Heterodimerization*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 277-293.	3.8	19
15	The F1 loop of the talin head domain acts as a gatekeeper in integrin activation and clustering. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	18
16	Physical and functional interactome atlas of human receptor tyrosine kinases. <i>EMBO Reports</i> , 2022, 23, e54041.	4.5	18
17	Predegenerated Schwann cells—a novel prospect for cell therapy for glaucoma: neuroprotection, neuroregeneration and neuroplasticity. <i>Scientific Reports</i> , 2016, 6, 23187.	3.3	15
18	Electrical synapses interconnecting axons revealed in the optic nerve head—a novel model of gap junctions involvement in optic nerve function. <i>Acta Ophthalmologica</i> , 2020, 98, 408-417.	1.1	15

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19	Loss-of-Function Variants in <i>TBC1D32</i> Underlie Syndromic Hypopituitarism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1748-1758.	3.6	15
20	Candidate proteins from predegenerated nerve exert time-specific protection of retinal ganglion cells in glaucoma. <i>Scientific Reports</i> , 2017, 7, 14540.	3.3	13
21	ER-Targeted Beclin 1 Supports Autophagosome Biogenesis in the Absence of ULK1 and ULK2 Kinases. <i>Cells</i> , 2019, 8, 475.	4.1	12
22	Dominant TOM1 mutation associated with combined immunodeficiency and autoimmune disease. <i>Npj Genomic Medicine</i> , 2019, 4, 14.	3.8	11
23	Increased intraocular pressure alters the cellular distribution of HuR protein in retinal ganglion cells – A possible sign of endogenous neuroprotection failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 296-306.	3.8	10
24	Comprehensive evaluation of coding region point mutations in microsatellite-unstable colorectal cancer. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	10
25	PTPRA Phosphatase Regulates GDNF-Dependent RET Signaling and Inhibits the RET Mutant MEN2A Oncogenic Potential. <i>IScience</i> , 2020, 23, 100871.	4.1	10
26	Proximity-Dependent Biotinylation (BioID) of Integrin Interaction Partners. <i>Methods in Molecular Biology</i> , 2021, 2217, 57-69.	0.9	2