

Xiahe Huang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,125
citations

304743

22
h-index

254184

43
g-index

53
all docs

53
docs citations

53
times ranked

3406
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein kinase C controls lysosome biogenesis independently of mTORC1. <i>Nature Cell Biology</i> , 2016, 18, 1065-1077.	10.3	265
2	Nitrateâ€“NRT1.1Bâ€“SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. <i>Nature Plants</i> , 2019, 5, 401-413.	9.3	263
3	Site-Specific Nitrosoproteomic Identification of Endogenously<i>S</i>-Nitrosylated Proteins in Arabidopsis. <i>Plant Physiology</i> , 2015, 167, 1731-1746.	4.8	202
4	Seipin Promotes Adipose Tissue Fat Storage through the ER Ca ²⁺ -ATPase SERCA. <i>Cell Metabolism</i> , 2014, 19, 861-871.	16.2	132
5	A multi-omics investigation of the composition and function of extracellular vesicles along the temporal trajectory of COVID-19. <i>Nature Metabolism</i> , 2021, 3, 909-922.	11.9	132
6	SCFSAP controls organ size by targeting PPD proteins for degradation in Arabidopsis thaliana. <i>Nature Communications</i> , 2016, 7, 11192.	12.8	77
7	CDK4/6 regulate lysosome biogenesis through TFEB/TFE3. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	70
8	BR11 and BAK1 interact with G proteins and regulate sugar-responsive growth and development in Arabidopsis. <i>Nature Communications</i> , 2018, 9, 1522.	12.8	65
9	NuRD mediates mitochondrial stressâ€“induced longevity via chromatin remodeling in response to acetyl-CoA level. <i>Science Advances</i> , 2020, 6, eabb2529.	10.3	62
10	Control of Grain Size and Weight by the GSK2-LARGE1/OML4 Pathway in Rice. <i>Plant Cell</i> , 2020, 32, 1905-1918.	6.6	61
11	mTERF5 Acts as a Transcriptional Pausing Factor to Positively Regulate Transcription of Chloroplast psbEFJ. <i>Molecular Plant</i> , 2019, 12, 1259-1277.	8.3	53
12	E3 ubiquitin ligase gene <i>CMPG</i> from <i>Haynaldia villosa</i> L. contributes to powdery mildew resistance in common wheat (<i>Triticum aestivum</i> L.). <i>Plant Journal</i> , 2015, 84, 154-168.	5.7	52
13	Synergistic interplay of ABA and BR signal in regulating plant growth and adaptation. <i>Nature Plants</i> , 2021, 7, 1108-1118.	9.3	49
14	Translation repression by maternal RNA binding protein zar1 is essential for early oogenesis in zebrafish. <i>Development (Cambridge)</i> , 2017, 144, 128-138.	2.5	45
15	ERAD-related E2 and E3 enzymes modulate the drought response by regulating the stability of PIP2 aquaporins. <i>Plant Cell</i> , 2021, 33, 2883-2898.	6.6	44
16	OsRFP2-10, a RING-H2 Finger E3 Ubiquitin Ligase, Is Involved in Rice Antiviral Defense in the Early Stages of Rice dwarf virus Infection. <i>Molecular Plant</i> , 2014, 7, 1057-1060.	8.3	33
17	Overdosage of Balanced Protein Complexes Reduces Proliferation Rate in Aneuploid Cells. <i>Cell Systems</i> , 2019, 9, 129-142.e5.	6.2	32
18	The Î²5 subunit is essential for intact 26S proteasome assembly to specifically promote plant autotrophic growth under salt stress. <i>New Phytologist</i> , 2019, 221, 1359-1368.	7.3	32

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19	Extensive protein S-nitrosylation associated with human pancreatic ductal adenocarcinoma pathogenesis. <i>Cell Death and Disease</i> , 2019, 10, 914.	6.3	31
20	Toward the complete proteome of <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2015, 126, 203-219.	2.9	29
21	Translating Divergent Environmental Stresses into a Common Proteome Response through the Histidine Kinase 33 (Hik33) in a Model Cyanobacterium. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1258-1274.	3.8	26
22	Trophic Mode-Dependent Proteomic Analysis Reveals Functional Significance of Light-Independent Chlorophyll Synthesis in <i>Synechocystis</i> sp. PCC 6803. <i>Molecular Plant</i> , 2017, 10, 73-85.	8.3	22
23	Modulation of nitrate-induced phosphate response by the MYB transcription factor RLI1/HINGE1 in the nucleus. <i>Molecular Plant</i> , 2021, 14, 517-529.	8.3	22
24	A Light Harvesting Complex-Like Protein in Maintenance of Photosynthetic Components in <i>Chlamydomonas</i> . <i>Plant Physiology</i> , 2017, 174, 2419-2433.	4.8	21
25	Substrate-independent immunomodulatory characteristics of mesenchymal stem cells in three-dimensional culture. <i>PLoS ONE</i> , 2018, 13, e0206811.	2.5	21
26	Aged monkey brains reveal the role of ubiquitin-conjugating enzyme UBE2N in the synaptosomal accumulation of mutant huntingtin. <i>Human Molecular Genetics</i> , 2015, 24, 1350-1362.	2.9	20
27	Comparative proteome analysis of saccular intracranial aneurysms with iTRAQ quantitative proteomics. <i>Journal of Proteomics</i> , 2016, 130, 120-128.	2.4	19
28	cTAGE5/MEA6 plays a critical role in neuronal cellular components trafficking and brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9449-E9458.	7.1	18
29	CAMSAP1 breaks the homeostatic microtubule network to instruct neuronal polarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22193-22203.	7.1	18
30	Ablation of SNX6 leads to defects in synaptic function of CA1 pyramidal neurons and spatial memory. <i>ELife</i> , 2017, 6, .	6.0	18
31	Systematically Ranking the Tightness of Membrane Association for Peripheral Membrane Proteins (PMPs) *. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 340-353.	3.8	17
32	An unreported NB ϵ -LRR protein SUT 1 is required for the autoimmune response mediated by type one protein phosphatase 4 mutation (topp4 ϵ) in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2019, 100, 357-373.	5.7	17
33	A zinc transporter, transmembrane protein 163, is critical for the biogenesis of platelet dense granules. <i>Blood</i> , 2021, 137, 1804-1817.	1.4	14
34	The Quantitative Proteome Atlas of a Model Cyanobacterium. <i>Journal of Genetics and Genomics</i> , 2021, , .	3.9	14
35	A Kinase ϵ -Phosphatase ϵ -Transcription Factor Module Regulates Adventitious Root Emergence in <i>Arabidopsis</i> Root ϵ -Hypocotyl Junctions. <i>Molecular Plant</i> , 2020, 13, 1162-1177.	8.3	13
36	The UBP14-CDKB1;1-CDKG2 cascade controls endoreduplication and cell growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2022, 34, 1308-1325.	6.6	12

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37	Regulation of nitrogen starvation responses by the alarmone (p)ppGpp in rice. <i>Journal of Genetics and Genomics</i> , 2022, 49, 469-480.	3.9	12
38	The plastid-encoded protein Orf2971 is required for protein translocation and chloroplast quality control. <i>Plant Cell</i> , 2022, 34, 3383-3399.	6.6	12
39	Phosphorylation of serine/arginine-rich splicing factor 1 at tyrosine 19 promotes cell proliferation in pediatric acute lymphoblastic leukemia. <i>Cancer Science</i> , 2018, 109, 3805-3815.	3.9	10
40	Nitration-induced ubiquitination and degradation control quality of ERK1. <i>Biochemical Journal</i> , 2019, 476, 1911-1926.	3.7	9
41	OsHYPK-mediated protein N-terminal acetylation coordinates plant development and abiotic stress responses in rice. <i>Molecular Plant</i> , 2022, 15, 740-754.	8.3	9
42	RNA kinase CLP1/Cbc regulates meiosis initiation in spermatogenesis. <i>Human Molecular Genetics</i> , 2021, 30, 1569-1578.	2.9	7
43	An RDH-Plin2 axis modulates lipid droplet size by antagonizing Bmm lipase. <i>EMBO Reports</i> , 2022, 23, e52669.	4.5	7
44	Comparative Proteome and Cis-Regulatory Element Analysis Reveals Specific Molecular Pathways Conserved in Dog and Human Brains. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100261.	3.8	7
45	Quantitative profiling of spreading-coupled protein tyrosine phosphorylation in migratory cells. <i>Scientific Reports</i> , 2016, 6, 31811.	3.3	6
46	Systematic identification of light-regulated cold-responsive proteome in a model cyanobacterium. <i>Journal of Proteomics</i> , 2018, 179, 100-109.	2.4	6
47	Plant Phosphopeptides Enrichment by Immobilized Metal Ion Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2021, 2358, 145-157.	0.9	4
48	Dogs lacking Apolipoprotein E show advanced atherosclerosis leading to apparent clinical complications. <i>Science China Life Sciences</i> , 2022, 65, 1342-1356.	4.9	4
49	A Systematic Survey of the Light/Dark-dependent Protein Degradation Events in a Model Cyanobacterium. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100162.	3.8	2
50	Activation of the Oxidative Pentose Phosphate Pathway is Critical for Photomixotrophic Growth of a <i>Hik33</i> Deletion Mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Proteomics</i> , 2018, 18, e1800046.	2.2	1
51	Translating Divergent Environmental Stresses into a Common Proteome Response through Hik33 in a Model Cyanobacterium. <i>Molecular and Cellular Proteomics</i> , 2017, , mcp.M117.068080.	3.8	0
52	Evaluation of the Potential Risk of Advanced Peak Determination in Distorting Isobaric Labeling-Based Single-Shot Proteome Quantitation. <i>Proteomics</i> , 2020, 20, 1900255.	2.2	0