

# Zhouxin Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5978373/publications.pdf>

Version: 2024-02-01

29  
papers

1,833  
citations

430874

18  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of omic networks in a developmental atlas of maize. <i>Science</i> , 2016, 353, 814-818.	12.6	411
2	Plant elicitor peptides are conserved signals regulating direct and indirect antiherbivore defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5707-5712.	7.1	179
3	Reconstruction of protein networks from an atlas of maize seed proteotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4808-17.	7.1	174
4	Identification of Evening Complex Associated Proteins in Arabidopsis by Affinity Purification and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 201-217.	3.8	170
5	Parallel Proteomic and Phosphoproteomic Analyses of Successive Stages of Maize Leaf Development. <i>Plant Cell</i> , 2013, 25, 2798-2812.	6.6	94
6	Discovery, Biosynthesis and Stress-Related Accumulation of Dolabradiene-Derived Defenses in Maize. <i>Plant Physiology</i> , 2018, 176, 2677-2690.	4.8	94
7	Plastid-produced interorgannellar stress signal MEcPP potentiates induction of the unfolded protein response in endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6212-6217.	7.1	82
8	Magnesium Flux Modulates Ribosomes to Increase Bacterial Survival. <i>Cell</i> , 2019, 177, 352-360.e13.	28.9	77
9	A High-Resolution Tissue-Specific Proteome and Phosphoproteome Atlas of Maize Primary Roots Reveals Functional Gradients along the Root Axes. <i>Plant Physiology</i> , 2015, 168, 233-246.	4.8	64
10	The matrix protein Fibulin-5 is at the interface of tissue stiffness and inflammation in fibrosis. <i>Nature Communications</i> , 2015, 6, 8574.	12.8	64
11	Multiple genes recruited from hormone pathways partition maize diterpenoid defences. <i>Nature Plants</i> , 2019, 5, 1043-1056.	9.3	60
12	Genetic elucidation of interconnected antibiotic pathways mediating maize innate immunity. <i>Nature Plants</i> , 2020, 6, 1375-1388.	9.3	52
13	Stemness factor Sall4 is required for DNA damage response in embryonic stem cells. <i>Journal of Cell Biology</i> , 2015, 208, 513-520.	5.2	50
14	The small GTPases Ras and Rap1 bind to and control TORC2 activity. <i>Scientific Reports</i> , 2016, 6, 25823.	3.3	47
15	Dynamic regulation of Pep-induced immunity through post-translational control of defence transcript splicing. <i>Nature Plants</i> , 2020, 6, 1008-1019.	9.3	40
16	Wnt5a induces ROR1 to recruit DOCK2 to activate Rac1/2 in chronic lymphocytic leukemia. <i>Blood</i> , 2018, 132, 170-178.	1.4	36
17	Quantitative Early Auxin Root Proteomics Identifies GAUT10, a Galacturonosyltransferase, as a Novel Regulator of Root Meristem Maintenance. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1157-1170.	3.8	29
18	LIKE SEX4 1 Acts as a $\beta$ -Amylase-Binding Scaffold on Starch Granules during Starch Degradation. <i>Plant Cell</i> , 2019, 31, 2169-2186.	6.6	26

#	ARTICLE	IF	CITATIONS
19	Nitrate triggered phosphoproteome changes and a PIN2 phosphosite modulating root system architecture. <i>EMBO Reports</i> , 2021, 22, e51813.	4.5	22
20	Wnt5a induces ROR1 to recruit cortactin to promote breast-cancer migration and metastasis. <i>Npj Breast Cancer</i> , 2019, 5, 35.	5.2	18
21	The Second Site Modifier, Sympathy for the ligule, Encodes a Homolog of Arabidopsis ENHANCED DISEASE RESISTANCE4 and Rescues the Liguleless narrow Maize Mutant. <i>Plant Cell</i> , 2019, 31, 1829-1844.	6.6	17
22	Auxin Induces Widespread Proteome Remodeling in Arabidopsis Seedlings. <i>Proteomics</i> , 2019, 19, 1900199.	2.2	10
23	Use of high-throughput LC-MS/MS proteomics technologies in drug discovery. <i>Drug Discovery Today: Technologies</i> , 2006, 3, 301-306.	4.0	6
24	The Dictyostelium GSK3 kinase GlkA coordinates signal relay and chemotaxis in response to growth conditions. <i>Developmental Biology</i> , 2018, 435, 56-72.	2.0	6
25	Wnt5a Induces ROR1 to Complex with HS1, Which Undergoes Tyrosine Phosphorylation and Contributes to Planar-Cell-Polarity Migration in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2016, 128, 301-301.	1.4	2
26	Wnt5a Induces Association of ROR1 with 14-3-3 $\eta$ to Enhance Chemotaxis and Proliferation in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2016, 128, 349-349.	1.4	1
27	Wnt5a Induces ROR1 to Interact Grb2 to Enhance Ras Activation in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2021, 138, 247-247.	1.4	1
28	Differential Expression Profile of the Proteome and Transcriptome in Aggressive and Indolent Chronic Lymphocytic Leukemia. <i>Blood</i> , 2005, 106, 2101-2101.	1.4	0
29	ROR1 Can Interact With TCL1 and Enhance Leukemogenesis In E $\mu$ -TCL1 Transgenic Mice. <i>Blood</i> , 2013, 122, 868-868.	1.4	0