

# Wen-Xing Liang

## List of Publications by Year in descending order

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54  
papers

1,301  
citations

331670

21  
h-index

395702

33  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sodium Valproate Is Effective Against <i>Botrytis cinerea</i> Infection of Tomato by Enhancing Histone H3 Acetylation-Directed Gene Transcription and Triggering Tomato Fruit Immune Response. <i>Phytopathology</i> , 2022, 112, 1264-1272.	2.2	3
2	Quantitative Proteomic Analysis Reveals Important Roles of the Acetylation of ER-Resident Molecular Chaperones for Conidiation in <i>Fusarium oxysporum</i> . <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100231.	3.8	3
3	The secreted ribonuclease <i>T2</i> protein <i>FoRnt2</i> contributes to <i>Fusarium oxysporum</i> virulence. <i>Molecular Plant Pathology</i> , 2022, 23, 1346-1360.	4.2	10
4	Identification and Characterization of <i>Nothophoma quercina</i> Causing Bud Blight on <i>Photinia fraseri</i> in China. <i>Plant Disease</i> , 2021, 105, 1356-1364.	1.4	5
5	Proteome-Wide Analysis of Lysine 2-Hydroxyisobutyrylated Proteins in <i>Fusarium oxysporum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 623735.	3.5	5
6	Characterization and pathogenicity of <i>Septoria gaurina</i> associated with leaf blotch disease on <i>Gaura parviflora</i> in China. <i>Plant Pathology</i> , 2021, 70, 1138-1145.	2.4	0
7	Tetrandrine, a Potent Antifungal Agent, Inhibits Mycelial Growth and Virulence of <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 2021, 111, 1152-1157.	2.2	3
8	Rhizosphere Microbiome: The Emerging Barrier in Plant-Pathogen Interactions. <i>Frontiers in Microbiology</i> , 2021, 12, 772420.	3.5	36
9	The deacetylase <i>FoSir5</i> facilitates mitochondrial metabolic state switching in conidial germination of <i>Fusarium oxysporum</i> . <i>ELife</i> , 2021, 10, .	6.0	14
10	Development of simple sequence repeat markers based on whole-genome sequencing to reveal the genetic diversity of <i>Glomerella cingulata</i> in China. <i>Journal of General Plant Pathology</i> , 2020, 86, 2-12.	1.0	5
11	Acetylation of BcHpt Lysine 161 Regulates <i>Botrytis cinerea</i> Sensitivity to Fungicides, Multistress Adaptation and Virulence. <i>Frontiers in Microbiology</i> , 2020, 10, 2965.	3.5	6
12	BcSas2-Mediated Histone H4K16 Acetylation Is Critical for Virulence and Oxidative Stress Response of <i>Botrytis cinerea</i> . <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1242-1251.	2.6	9
13	Global Proteomic Analysis of Lysine Crotonylation in the Plant Pathogen <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 564350.	3.5	9
14	Systematic Analysis of Lysine Lactylation in the Plant Fungal Pathogen <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 594743.	3.5	47
15	BcRPD3-Mediated Histone Deacetylation Is Involved in Growth and Pathogenicity of <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1832.	3.5	12
16	Secretome-Wide Analysis of Lysine Acetylation in <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> Provides Novel Insights Into Infection-Related Proteins. <i>Frontiers in Microbiology</i> , 2020, 11, 559440.	3.5	11
17	Proteome-Wide Analysis of Lysine 2-Hydroxyisobutyrylation in the Phytopathogenic Fungus <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 585614.	3.5	9
18	Paralogous Cyp51s mediate the differential sensitivity of <i>Fusarium oxysporum</i> to sterol demethylation inhibitors. <i>Pest Management Science</i> , 2019, 75, 396-404.	3.4	24

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19	Identification of HSP90C as a substrate of E3 ligase TaSAP5 through ubiquitylome profiling. <i>Plant Science</i> , 2019, 287, 110170.	3.6	14
20	Effects of temperature, moisture and nutrition on conidial germination, survival, colonization and sporulation of <i>Trichothecium roseum</i> . <i>European Journal of Plant Pathology</i> , 2019, 153, 557-570.	1.7	12
21	First Report of <i>Neopestalotiopsis clavispora</i> Causing Leaf Spots on <i>Ligustrum lucidum</i> in China. <i>Plant Disease</i> , 2019, 103, 1034-1034.	1.4	3
22	First Report of <i>Diaporthe eres</i> Leaf Spot on <i>Photinia</i> – <i>fraseri</i> “Red Robin”™ in Qingdao, China. <i>Plant Disease</i> , 2019, 103, 159.	1.4	7
23	First Report of <i>Alternaria destruens</i> Causing Leaf Spot on <i>Ligustrum sinense</i> in China. <i>Plant Disease</i> , 2019, 103, 2959.	1.4	3
24	Individual and combined effects of herbicide tribenuron-methyl and fungicide tebuconazole on soil earthworm <i>Eisenia fetida</i> . <i>Scientific Reports</i> , 2018, 8, 2967.	3.3	44
25	The Y137H mutation in the cytochrome P450 FgCYP51B protein confers reduced sensitivity to tebuconazole in <i>Fusarium graminearum</i> . <i>Pest Management Science</i> , 2018, 74, 1472-1477.	3.4	48
26	Systematic analysis of the lysine malonylome in common wheat. <i>BMC Genomics</i> , 2018, 19, 209.	2.8	30
27	Effects of Temperature and Moisture on the Infection and Development of Apple Fruit Rot Caused by <i>Phytophthora cactorum</i> . <i>Plant Disease</i> , 2018, 102, 1811-1819.	1.4	7
28	Single Cell Oil Production from Hydrolysates of Inulin by a Newly Isolated Yeast <i>Papiliotrema laurentii</i> AM113 for Biodiesel Making. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 168-181.	2.9	18
29	The binding mechanism between azoles and FgCYP51B, sterol 14 $\alpha$ -demethylase of <i>Fusarium graminearum</i> . <i>Pest Management Science</i> , 2018, 74, 126-134.	3.4	13
30	Comparative transcriptome analysis reveals multiple functions for Mhy1p in lipid biosynthesis in the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 81-90.	2.4	30
31	Simultaneous production of single cell oil and fumaric acid by a newly isolated yeast <i>Aureobasidium pullulans</i> var. <i>aubasidani</i> DH177. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1707-1716.	3.4	12
32	Deletion of Endo- $\beta$ -1,4-Xylanase VmXyl1 Impacts the Virulence of <i>Valsa mali</i> in Apple Tree. <i>Frontiers in Plant Science</i> , 2018, 9, 663.	3.6	26
33	Involvement of BcYak1 in the Regulation of Vegetative Differentiation and Adaptation to Oxidative Stress of <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 281.	3.5	22
34	Systematic analysis of the lysine acetylome reveals diverse functions of lysine acetylation in the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>AMB Express</i> , 2017, 7, 94.	3.0	16
35	Large-scale identification of lysine acetylated proteins in vegetative hyphae of the rice blast fungus. <i>Scientific Reports</i> , 2017, 7, 15316.	3.3	11
36	Global analysis of protein lysine succinylation profiles in common wheat. <i>BMC Genomics</i> , 2017, 18, 309.	2.8	46

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37	Effects of Temperature and Moisture on Sporulation and Infection by <i>Pseudoperonospora cubensis</i> . <i>Plant Disease</i> , 2017, 101, 562-567.	1.4	19
38	Toxicological effects of dimethomorph on soil enzymatic activity and soil earthworm ( <i>Eisenia fetida</i> ). <i>Chemosphere</i> , 2017, 169, 316-323.	8.2	44
39	High-Level Production of Exopolysaccharides by a Cosmic Radiation-Induced Mutant M270 of the Maitake Medicinal Mushroom, <i>Grifola frondosa</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 621-630.	1.5	6
40	Effects of Temperature, Humidity, and Wound Age on <i>Valsa mali</i> Infection of Apple Shoot Pruning Wounds. <i>Plant Disease</i> , 2016, 100, 2394-2401.	1.4	24
41	Systematic analysis of the lysine acetylome in <i>Fusarium graminearum</i> . <i>BMC Genomics</i> , 2016, 17, 1019.	2.8	72
42	Salicylic acid confers enhanced resistance to <i>Glomerella</i> leaf spot in apple. <i>Plant Physiology and Biochemistry</i> , 2016, 106, 64-72.	5.8	62
43	Reversible acetylation on Lys501 regulates the activity of RNase II. <i>Nucleic Acids Research</i> , 2016, 44, 1979-1988.	14.5	73
44	Acetylome analysis reveals the involvement of lysine acetylation in diverse biological processes in <i>Phytophthora sojae</i> . <i>Scientific Reports</i> , 2016, 6, 29897.	3.3	59
45	Proteome-wide analysis of lysine acetylation in the plant pathogen <i>Botrytis cinerea</i> . <i>Scientific Reports</i> , 2016, 6, 29313.	3.3	77
46	Acetylome analysis reveals the involvement of lysine acetylation in biosynthesis of antibiotics in <i>Bacillus amyloliquefaciens</i> . <i>Scientific Reports</i> , 2016, 6, 20108.	3.3	83
47	Comprehensive profiling of lysine acetylproteome analysis reveals diverse functions of lysine acetylation in common wheat. <i>Scientific Reports</i> , 2016, 6, 21069.	3.3	87
48	REP sequences: Mediators of the environmental stress response?. <i>RNA Biology</i> , 2016, 13, 152-156.	3.1	5
49	Comparison of the virulence and cognate virulence factors of multinucleate, binucleate and uninucleate <i>Rhizoctonia</i> isolates, causing sheath blight on maize plants. <i>European Journal of Plant Pathology</i> , 2016, 145, 501-506.	1.7	19
50	<i>Sphingobacterium populi</i> sp. nov., isolated from bark of <i>Populus</i> <i>euramericana</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3456-3462.	1.7	26
51	A Role for REP Sequences in Regulating Translation. <i>Molecular Cell</i> , 2015, 58, 431-439.	9.7	32
52	A uninucleate <i>Rhizoctonia</i> sp. from maize plant with ITS heterogeneity and hypersensitive to abiotic stresses. <i>European Journal of Plant Pathology</i> , 2015, 142, 397-401.	1.7	12
53	<i>Brenneria populi</i> sp. nov., isolated from symptomatic bark of <i>Populus</i> <i>euramericana</i> canker. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 432-437.	1.7	25
54	BcMettl4-Mediated DNA Adenine N6-Methylation Is Critical for Virulence of <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	3