

# 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	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
2	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
3	Proteome-wide analysis of lysine acetylation in the plant pathogen <i>Botrytis cinerea</i> . <i>Scientific Reports</i> , 2016, 6, 29313.	3.3	77
4	Reversible acetylation on Lys501 regulates the activity of RNase II. <i>Nucleic Acids Research</i> , 2016, 44, 1979-1988.	14.5	73
5	Systematic analysis of the lysine acetylome in <i>Fusarium graminearum</i> . <i>BMC Genomics</i> , 2016, 17, 1019.	2.8	72
6	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
7	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
8	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
9	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
10	Global analysis of protein lysine succinylation profiles in common wheat. <i>BMC Genomics</i> , 2017, 18, 309.	2.8	46
11	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
12	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
13	Rhizosphere Microbiome: The Emerging Barrier in Plant-Pathogen Interactions. <i>Frontiers in Microbiology</i> , 2021, 12, 772420.	3.5	36
14	A Role for REP Sequences in Regulating Translation. <i>Molecular Cell</i> , 2015, 58, 431-439.	9.7	32
15	Systematic analysis of the lysine malonylome in common wheat. <i>BMC Genomics</i> , 2018, 19, 209.	2.8	30
16	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
17	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
18	<i>Sphingobacterium populi</i> sp. nov., isolated from bark of <i>Populus</i> $\tilde{}$ euramericana. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3456-3462.	1.7	26

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19	Brenneria populi sp. nov., isolated from symptomatic bark of Populus—euramericana canker. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 432-437.	1.7	25
20	Effects of Temperature, Humidity, and Wound Age on <i>Valsa mali</i> Infection of Apple Shoot Pruning Wounds. Plant Disease, 2016, 100, 2394-2401.	1.4	24
21	Paralogous Cyp51s mediate the differential sensitivity of Fusarium oxysporum to sterol demethylation inhibitors. Pest Management Science, 2019, 75, 396-404.	3.4	24
22	Involvement of BcYak1 in the Regulation of Vegetative Differentiation and Adaptation to Oxidative Stress of Botrytis cinerea. Frontiers in Microbiology, 2018, 9, 281.	3.5	22
23	Comparison of the virulence and cognate virulence factors of multinucleate, binucleate and uninucleate Rhizoctonia isolates, causing sheath blight on maize plants. European Journal of Plant Pathology, 2016, 145, 501-506.	1.7	19
24	Effects of Temperature and Moisture on Sporulation and Infection by <i>Pseudoperonospora cubensis</i> . Plant Disease, 2017, 101, 562-567.	1.4	19
25	Single Cell Oil Production from Hydrolysates of Inulin by a Newly Isolated Yeast Papiliotrema laurentii AM113 for Biodiesel Making. Applied Biochemistry and Biotechnology, 2018, 184, 168-181.	2.9	18
26	Systematic analysis of the lysine acetylome reveals diverse functions of lysine acetylation in the oleaginous yeast Yarrowia lipolytica. AMB Express, 2017, 7, 94.	3.0	16
27	Identification of HSP90C as a substrate of E3 ligase TaSAP5 through ubiquitylome profiling. Plant Science, 2019, 287, 110170.	3.6	14
28	The deacetylase FoSir5 facilitates mitochondrial metabolic state switching in conidial germination of Fusarium oxysporum. ELife, 2021, 10, .	6.0	14
29	The binding mechanism between azoles and FgCYP51B, sterol 14 $\alpha$ -demethylase of <i>Fusarium graminearum</i> . Pest Management Science, 2018, 74, 126-134.	3.4	13
30	A uninucleate Rhizoctonia sp. from maize plant with ITS heterogeneity and hypersensitive to abiotic stresses. European Journal of Plant Pathology, 2015, 142, 397-401.	1.7	12
31	Simultaneous production of single cell oil and fumaric acid by a newly isolated yeast Aureobasidium pullulans var. aubasidani DH177. Bioprocess and Biosystems Engineering, 2018, 41, 1707-1716.	3.4	12
32	Effects of temperature, moisture and nutrition on conidial germination, survival, colonization and sporulation of Trichothecium roseum. European Journal of Plant Pathology, 2019, 153, 557-570.	1.7	12
33	BcRPD3-Mediated Histone Deacetylation Is Involved in Growth and Pathogenicity of Botrytis cinerea. Frontiers in Microbiology, 2020, 11, 1832.	3.5	12
34	Large-scale identification of lysine acetylated proteins in vegetative hyphae of the rice blast fungus. Scientific Reports, 2017, 7, 15316.	3.3	11
35	Secretome-Wide Analysis of Lysine Acetylation in Fusarium oxysporum f. sp. lycopersici Provides Novel Insights Into Infection-Related Proteins. Frontiers in Microbiology, 2020, 11, 559440.	3.5	11
36	The secreted ribonuclease <i>T2</i> protein <i>FoRnt2</i> contributes to <i>Fusarium oxysporum</i> virulence. Molecular Plant Pathology, 2022, 23, 1346-1360.	4.2	10

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	REP sequences: Mediators of the environmental stress response?. <i>RNA Biology</i> , 2016, 13, 152-156.	3.1	5
45	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
46	Identification and Characterization of <i>Nothophoma quercina</i> Causing Bud Blight on <i>Photinia</i> <i>fraseri</i> in China. <i>Plant Disease</i> , 2021, 105, 1356-1364.	1.4	5
47	Proteome-Wide Analysis of Lysine 2-Hydroxyisobutyrylated Proteins in <i>Fusarium oxysporum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 623735.	3.5	5
48	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
49	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
50	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
51	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
52	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
53	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
54	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