

# Xin Yang

## List of Publications by Year in descending order

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43  
papers

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citations

218592

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44  
docs citations

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times ranked

5863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinetoram resistance drives interspecific competition between <i>Megalurothrips usitatus</i> and <i>Frankliniella intonsa</i> . <i>Pest Management Science</i> , 2022, 78, 2129-2140.	1.7	17
2	Cytpchrome P450 CYP4G68 Is Associated with Imidacloprid and Thiamethoxam Resistance in Field Whitefly, <i>Bemisia tabaci</i> (Hemiptera: Gennadius). <i>Agriculture (Switzerland)</i> , 2022, 12, 473.	1.4	15
3	N6-methyladenosine RNA modification suppresses antiviral innate sensing pathways via reshaping double-stranded RNA. <i>Nature Communications</i> , 2021, 12, 1582.	5.8	65
4	Annual analysis of field-evolved insecticide resistance in <i>Bemisia tabaci</i> across China. <i>Pest Management Science</i> , 2021, 77, 2990-3001.	1.7	24
5	Whitefly hijacks a plant detoxification gene that neutralizes plant toxins. <i>Cell</i> , 2021, 184, 1693-1705.e17.	13.5	161
6	Molecular characterization of a novel partitivirus and a fusarivirus coinfecting the fungus <i>Nigrospora sphaerica</i> . <i>Archives of Virology</i> , 2021, 166, 2325-2331.	0.9	2
7	Epitranscriptomic regulation of insecticide resistance. <i>Science Advances</i> , 2021, 7, .	4.7	34
8	Knockdown of UGT352A5 decreases the thiamethoxam resistance in <i>Bemisia tabaci</i> (Hemiptera: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4	3.6	28
9	MAPK-directed activation of the whitefly transcription factor <i>CREB</i> leads to P450-mediated imidacloprid resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10246-10253.	3.3	135
10	Two Deoxythymidine Triphosphate Synthesis-Related Genes Regulate Obligate Symbiont Density and Reproduction in the Whitefly <i>Bemisia tabaci</i> MED. <i>Frontiers in Physiology</i> , 2020, 11, 574749.	1.3	3
11	RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay. <i>Molecular Cell</i> , 2019, 75, 1188-1202.e11.	4.5	242
12	m6A promotes R-loop formation to facilitate transcription termination. <i>Cell Research</i> , 2019, 29, 1035-1038.	5.7	101
13	Genome-Wide Analysis of Carboxylesterases (COEs) in the Whitefly, <i>Bemisia tabaci</i> (Gennadius). <i>International Journal of Molecular Sciences</i> , 2019, 20, 4973.	1.8	13
14	Genome-wide dissection of sex determination genes in the highly invasive whitefly species <i>Bemisia tabaci</i> Q/MED. <i>Insect Molecular Biology</i> , 2019, 28, 509-519.	1.0	7
15	A novel m6A reader <i>Prcc2a</i> controls oligodendroglial specification and myelination. <i>Cell Research</i> , 2019, 29, 23-41.	5.7	250
16	The invasive MED/Q <i>Bemisia tabaci</i> genome: a tale of gene loss and gene gain. <i>BMC Genomics</i> , 2018, 19, 68.	1.2	41
17	Cytoplasmic m6A reader YTHDF3 promotes mRNA translation. <i>Cell Research</i> , 2017, 27, 444-447.	5.7	606
18	RNA interference-mediated knockdown of the hydroxyacid-oxoacid transhydrogenase gene decreases thiamethoxam resistance in adults of the whitefly <i>Bemisia tabaci</i> . <i>Scientific Reports</i> , 2017, 7, 41201.	1.6	26

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19	Genome sequencing of the sweetpotato whitefly <i>Bemisia tabaci</i> MED/Q. <i>GigaScience</i> , 2017, 6, 1-7.	3.3	90
20	Resistance Monitoring for Eight Insecticides on the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. <i>Journal of Economic Entomology</i> , 2017, 110, 660-666.	0.8	38
21	Genome-Wide Characterization and Expression Profiling of Sugar Transporter Family in the Whitefly, <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae). <i>Frontiers in Physiology</i> , 2017, 8, 322.	1.3	15
22	Genome-wide Identification and Expression Analysis of Amino Acid Transporters in the Whitefly, <i>Bemisia tabaci</i> (Gennadius). <i>International Journal of Biological Sciences</i> , 2017, 13, 735-747.	2.6	11
23	Glutathione S-transferases are involved in thiamethoxam resistance in the field whitefly <i>Bemisia tabaci</i> Q (Hemiptera: Aleyrodidae). <i>Pesticide Biochemistry and Physiology</i> , 2016, 134, 73-78.	1.6	74
24	Immune Regulator MCPIP1 Modulates TET Expression during Early Neocortical Development. <i>Stem Cell Reports</i> , 2016, 7, 439-453.	2.3	10
25	Proteomics-based identification of midgut proteins correlated with Cry1Ac resistance in <i>Plutella xylostella</i> (L.). <i>Pesticide Biochemistry and Physiology</i> , 2016, 132, 108-117.	1.6	27
26	Molecular cloning of the sex-related gene PSI in <i>Bemisia tabaci</i> and its alternative splicing properties. <i>Gene</i> , 2016, 580, 104-110.	1.0	7
27	Quantitative Assessment of the Influence of <i>Rhizoma Zingiberis</i> on the Level of Aconitine in Rat Gut Sacs and Qualitative Analysis of the Major Influencing Components of <i>Rhizoma Zingiberis</i> on Aconitine Using UPLC/MS. <i>PLoS ONE</i> , 2015, 10, e0124110.	1.1	4
28	FTO-dependent demethylation of N6-methyladenosine regulates mRNA splicing and is required for adipogenesis. <i>Cell Research</i> , 2014, 24, 1403-1419.	5.7	869
29	Mammalian WTAP is a regulatory subunit of the RNA N6-methyladenosine methyltransferase. <i>Cell Research</i> , 2014, 24, 177-189.	5.7	1,719
30	Sensitivity of <i>Bemisia Tabaci</i> (Hemiptera: Aleyrodidae) to Several New Insecticides in China: Effects of Insecticide Type and Whitefly Species, Strain, and Stage. <i>Journal of Insect Science</i> , 2014, 14, 261.	0.6	36
31	Three-Way Interactions Between the Tomato Plant, Tomato Yellow Leaf Curl Virus, and <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) Facilitate Virus Spread. <i>Journal of Economic Entomology</i> , 2014, 107, 920-926.	0.8	23
32	Detoxification enzymes of <i>Bemisia tabaci</i> B and Q: biochemical characteristics and gene expression profiles. <i>Pest Management Science</i> , 2014, 70, 1588-1594.	1.7	26
33	Transcriptomic dissection of sexual differences in <i>Bemisia tabaci</i> , an invasive agricultural pest worldwide. <i>Scientific Reports</i> , 2014, 4, 4088.	1.6	27
34	Two cytochrome P450 genes are involved in imidacloprid resistance in field populations of the whitefly, <i>Bemisia tabaci</i> , in China. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 343-350.	1.6	87
35	Tomato yellow leaf curl virus alters the host preferences of its vector <i>Bemisia tabaci</i> . <i>Scientific Reports</i> , 2013, 3, 2876.	1.6	93
36	Reference Gene Selection for qRT-PCR Analysis in the Sweetpotato Whitefly, <i>Bemisia tabaci</i> (Hemiptera: Tj ETQq000 rgBT /Overlock 10	1.1	165

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37	Transcriptomic and Proteomic Responses of Sweetpotato Whitefly, <i>Bemisia tabaci</i> , to Thiamethoxam. PLoS ONE, 2013, 8, e61820.	1.1	58
38	Gene Expression Profiling in the Thiamethoxam Resistant and Susceptible B-biotype Sweetpotato Whitefly, <i>Bemisia tabaci</i> . Journal of Insect Science, 2012, 12, 1-14.	0.6	18
39	Bioluminescence Tomography Imaging In Vivo: Recent Advances. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1394-1402.	1.9	18
40	Rapid Spread of Tomato Yellow Leaf Curl Virus in China Is Aided Differentially by Two Invasive Whiteflies. PLoS ONE, 2012, 7, e34817.	1.1	120
41	Pyrosequencing the <i>Bemisia tabaci</i> Transcriptome Reveals a Highly Diverse Bacterial Community and a Robust System for Insecticide Resistance. PLoS ONE, 2012, 7, e35181.	1.1	67
42	Further Spread of and Domination by <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) Biotype Q on Field Crops in China. Journal of Economic Entomology, 2011, 104, 978-985.	0.8	146
43	Induction effects of host plants on insecticide susceptibility and detoxification enzymes of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). Pest Management Science, 2011, 67, 87-93.	1.7	60