Xin Yang

List of Publications by Year in descending order

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43 papers	5,596 citations	218592 26 h-index	243529 44 g-index
44 all docs	44 docs citations	44 times ranked	5863 citing authors

#	Article	IF	Citations
1	Mammalian WTAP is a regulatory subunit of the RNA N6-methyladenosine methyltransferase. Cell Research, 2014, 24, 177-189.	5.7	1,719
2	FTO-dependent demethylation of N6-methyladenosine regulates mRNA splicing and is required for adipogenesis. Cell Research, 2014, 24, 1403-1419.	5.7	869
3	Cytoplasmic m6A reader YTHDF3 promotes mRNA translation. Cell Research, 2017, 27, 444-447.	5.7	606
4	A novel m6A reader Prrc2a controls oligodendroglial specification and myelination. Cell Research, 2019, 29, 23-41.	5.7	250
5	RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay. Molecular Cell, 2019, 75, 1188-1202.e11.	4.5	242
6	Reference Gene Selection for qRT-PCR Analysis in the Sweetpotato Whitefly, Bemisia tabaci (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	165
7	Whitefly hijacks a plant detoxification gene that neutralizes plant toxins. Cell, 2021, 184, 1693-1705.e17.	13.5	161
8	Further Spread of and Domination by Bemisia tabaci (Hemiptera: Aleyrodidae) Biotype Q on Field Crops in China. Journal of Economic Entomology, 2011, 104, 978-985.	0.8	146
9	MAPK-directed activation of the whitefly transcription factor CREB leads to P450-mediated imidacloprid resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10246-10253.	3.3	135
10	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
11	m6A promotes R-loop formation to facilitate transcription termination. Cell Research, 2019, 29, 1035-1038.	5.7	101
12	Tomato yellow leaf curl virus alters the host preferences of its vector Bemisia tabaci. Scientific Reports, 2013, 3, 2876.	1.6	93
13	Genome sequencing of the sweetpotato whitefly Bemisia tabaci MED/Q. GigaScience, 2017, 6, 1-7.	3.3	90
14	Two cytochrome P450 genes are involved in imidacloprid resistance in field populations of the whitefly, Bemisia tabaci, in China. Pesticide Biochemistry and Physiology, 2013, 107, 343-350.	1.6	87
15	Glutathione S-transferases are involved in thiamethoxam resistance in the field whitefly Bemisia tabaci Q (Hemiptera: Aleyrodidae). Pesticide Biochemistry and Physiology, 2016, 134, 73-78.	1.6	74
16	Pyrosequencing the Bemisia tabaci Transcriptome Reveals a Highly Diverse Bacterial Community and a Robust System for Insecticide Resistance. PLoS ONE, 2012, 7, e35181.	1.1	67
17	N6-methyladenosine RNA modification suppresses antiviral innate sensing pathways via reshaping double-stranded RNA. Nature Communications, 2021, 12, 1582.	5.8	65
18	Induction effects of host plants on insecticide susceptibility and detoxification enzymes of Bemisia tabaci (Hemiptera: Aleyrodidae). Pest Management Science, 2011, 67, 87-93.	1.7	60

#	Article	IF	Citations
19	Transcriptomic and Proteomic Responses of Sweetpotato Whitefly, Bemisia tabaci, to Thiamethoxam. PLoS ONE, 2013, 8, e61820.	1.1	58
20	The invasive MED/Q Bemisia tabaci genome: a tale of gene loss and gene gain. BMC Genomics, 2018, 19, 68.	1.2	41
21	Resistance Monitoring for Eight Insecticides on the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. Journal of Economic Entomology, 2017, 110, 660-666.	0.8	38
22	Sensitivity of Bemisia Tabaci (Hemiptera: Aleyrodidae) to Several New Insecticides in China: Effects of Insecticide Type and Whitefly Species, Strain, and Stage. Journal of Insect Science, 2014, 14, 261.	0.6	36
23	Epitranscriptomic regulation of insecticide resistance. Science Advances, 2021, 7, .	4.7	34
24	Knockdown of UGT352A5 decreases the thiamethoxam resistance in Bemisia tabaci (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	3.6	28
25	Transcriptomic dissection of sexual differences in Bemisia tabaci, an invasive agricultural pest worldwide. Scientific Reports, 2014, 4, 4088.	1.6	27
26	Proteomics-based identification of midgut proteins correlated with Cry1Ac resistance in Plutella xylostella (L.). Pesticide Biochemistry and Physiology, 2016, 132, 108-117.	1.6	27
27	Detoxification enzymes of Bemisia tabaci B and Q: biochemical characteristics and gene expression profiles. Pest Management Science, 2014, 70, 1588-1594.	1.7	26
28	RNA interference-mediated knockdown of the hydroxyacid-oxoacid transhydrogenase gene decreases thiamethoxam resistance in adults of the whitefly Bemisia tabaci. Scientific Reports, 2017, 7, 41201.	1.6	26
29	Annual analysis of fieldâ€evolved insecticide resistance in <scp>Bemisia tabaci</scp> across China. Pest Management Science, 2021, 77, 2990-3001.	1.7	24
30	Three-Way Interactions Between the Tomato Plant, Tomato Yellow Leaf Curl Virus, and <I>Bemisia tabaci</I> (Hemiptera: Aleyrodidae) Facilitate Virus Spread. Journal of Economic Entomology, 2014, 107, 920-926.	0.8	23
31	Gene Expression Profiling in the Thiamethoxam Resistant and Susceptible B-biotype Sweetpotato Whitefly,Bemisia tabaci. Journal of Insect Science, 2012, 12, 1-14.	0.6	18
32	Bioluminescence Tomography Imaging In Vivo: Recent Advances. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1394-1402.	1.9	18
33	Spinetoram resistance drives interspecific competition between Megalurothrips usitatus and Frankliniella intonsa. Pest Management Science, 2022, 78, 2129-2140.	1.7	17
34	Genome-Wide Characterization and Expression Profiling of Sugar Transporter Family in the Whitefly, Bemisia tabaci (Gennadius) (Hemiptera: Aleyrodidae). Frontiers in Physiology, 2017, 8, 322.	1.3	15
35	Cytpchrome P450 CYP4G68 Is Associated with Imidacloprid and Thiamethoxam Resistance in Field Whitefly, Bemisia tabaci (Hemiptera: Gennadius). Agriculture (Switzerland), 2022, 12, 473.	1.4	15
36	Genome-Wide Analysis of Carboxylesterases (COEs) in the Whitefly, Bemisia tabaci (Gennadius). International Journal of Molecular Sciences, 2019, 20, 4973.	1.8	13

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37	Genome-wide Identification and Expression Analysis of Amino Acid Transporters in the Whitefly, Bemisia tabaci (Gennadius). International Journal of Biological Sciences, 2017, 13, 735-747.	2.6	11
38	Immune Regulator MCPIP1 Modulates TET Expression during Early Neocortical Development. Stem Cell Reports, 2016, 7, 439-453.	2.3	10
39	Molecular cloning of the sex-related gene PSI in Bemisia tabaci and its alternative splicing properties. Gene, 2016, 580, 104-110.	1.0	7
40	Genomeâ€wide dissection of sex determination genes in the highly invasive whitefly species Bemisia tabaci Q/MED. Insect Molecular Biology, 2019, 28, 509-519.	1.0	7
41	Quantitative Assessment of the Influence of Rhizoma Zingiberis on the Level of Aconitine in Rat Gut Sacs and Qualitative Analysis of the Major Influencing Components of Rhizoma Zingiberis on Aconitine Using UPLC/MS. PLoS ONE, 2015, 10, e0124110.	1.1	4
42	Two Deoxythymidine Triphosphate Synthesis-Related Genes Regulate Obligate Symbiont Density and Reproduction in the Whitefly Bemisia tabaci MED. Frontiers in Physiology, 2020, 11, 574749.	1.3	3
43	Molecular characterization of a novel partitivirus and a fusarivirus coinfecting the fungus Nigrospora sphaerica. Archives of Virology, 2021, 166, 2325-2331.	0.9	2