

Hui-Shan Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3859843/publications.pdf>

Version: 2024-02-01

47
papers

4,299
citations

201674

27
h-index

223800

46
g-index

48
all docs

48
docs citations

48
times ranked

4445
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA silencing: From discovery and elucidation to application and perspectives. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 476-498.	8.5	24
2	Trans-Kingdom RNA Silencing in Plant-Fungal Disease Control. <i>Methods in Molecular Biology</i> , 2022, 2408, 243-252.	0.9	0
3	A fungal effector suppresses the nuclear export of AGO1-miRNA complex to promote infection in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114583119.	7.1	34
4	Exploring the Effectiveness and Durability of Trans-Kingdom Silencing of Fungal Genes in the Vascular Pathogen <i>Verticillium dahliae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2742.	4.1	7
5	<i>Verticillium dahliae</i> Secretes Small RNA to Target Host MIR157d and Retard Plant Floral Transition During Infection. <i>Frontiers in Plant Science</i> , 2022, 13, 847086.	3.6	8
6	Recent advances in understanding plant antiviral RNAi and viral suppressors of RNAi. <i>Current Opinion in Virology</i> , 2021, 46, 65-72.	5.4	39
7	Trans-kingdom RNAs and their fates in recipient cells: advances, utilization, and perspectives. <i>Plant Communications</i> , 2021, 2, 100167.	7.7	23
8	The Ghd7 transcription factor represses ARE1 expression to enhance nitrogen utilization and grain yield in rice. <i>Molecular Plant</i> , 2021, 14, 1012-1023.	8.3	36
9	Phytosphinganine Affects Plasmodesmata Permeability via Facilitating PDLP5-Stimulated Callose Accumulation in Arabidopsis. <i>Molecular Plant</i> , 2020, 13, 128-143.	8.3	55
10	A Brassica miRNA Regulates Plant Growth and Immunity through Distinct Modes of Action. <i>Molecular Plant</i> , 2020, 13, 231-245.	8.3	90
11	DNA Geminivirus Infection Induces an Imprinted E3 Ligase Gene to Epigenetically Activate Viral Gene Transcription. <i>Plant Cell</i> , 2020, 32, 3256-3272.	6.6	22
12	<i>Verticillium dahliae</i> chromatin remodeling facilitates the DNA damage repair in response to plant ROS stress. <i>PLoS Pathogens</i> , 2020, 16, e1008481.	4.7	43
13	Deacetylation of chitin oligomers increases virulence in soil-borne fungal pathogens. <i>Nature Plants</i> , 2019, 5, 1167-1176.	9.3	130
14	Trans-kingdom RNA interactions drive the evolutionary arms race between hosts and pathogens. <i>Current Opinion in Genetics and Development</i> , 2019, 58-59, 62-69.	3.3	19
15	A fungal miRNA mediates epigenetic repression of a virulence gene in <i>Verticillium dahliae</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180309.	4.0	43
16	IBM1-dependent H3K9 demethylation enables self-silencing of an exogenous silencer for the non-cell autonomous silencing of an endogenous target gene. <i>Journal of Genetics and Genomics</i> , 2019, 46, 149-153.	3.9	4
17	Cellophane surface-induced gene, <i>VdCSIN1</i> , regulates hyphopodium formation and pathogenesis via cAMP-mediated signalling in <i>Verticillium dahliae</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 323-333.	4.2	10
18	Trans-Kingdom RNA Silencing in Plant-Fungal Pathogen Interactions. <i>Molecular Plant</i> , 2018, 11, 235-244.	8.3	106

#	ARTICLE	IF	CITATIONS
19	CMV2b-Dependent Regulation of Host Defense Pathways in the Context of Viral Infection. <i>Viruses</i> , 2018, 10, 618.	3.3	14
20	Plant Small RNAs Responsive to Fungal Pathogen Infection. <i>Methods in Molecular Biology</i> , 2018, 1848, 67-80.	0.9	8
21	The plant-specific transcription factors CBP60g and SARD1 are targeted by a <i>Verticillium</i> secretory protein VdSCP41 to modulate immunity. <i>ELife</i> , 2018, 7, .	6.0	96
22	Genome-wide profiling of sRNAs in the <i>Verticillium dahliae</i> -infected <i>Arabidopsis</i> roots. <i>Mycology</i> , 2018, 9, 155-165.	4.4	6
23	The <i>Verticillium</i> -specific protein VdSCP7 localizes to the plant nucleus and modulates immunity to fungal infections. <i>New Phytologist</i> , 2017, 215, 368-381.	7.3	130
24	Expression of pathogenesis-related genes in cotton roots in response to <i>Verticillium dahliae</i> PAMP molecules. <i>Science China Life Sciences</i> , 2017, 60, 852-860.	4.9	10
25	Secretory proteins are delivered to the septin-organized penetration interface during root infection by <i>Verticillium dahliae</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006275.	4.7	71
26	Penetration Assays, Fungal Recovery and Pathogenicity Assays for <i>Verticillium dahliae</i> . <i>Bio-protocol</i> , 2017, 7, e21133.	0.4	10
27	CMV2b-AGO Interaction Is Required for the Suppression of RDR-Dependent Antiviral Silencing in <i>Arabidopsis</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1329.	3.5	30
28	Hyphopodium-Specific VdNoxB/VdPls1-Dependent ROS-Ca ²⁺ Signaling Is Required for Plant Infection by <i>Verticillium dahliae</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005793.	4.7	107
29	Host-Induced Gene Silencing of the Target Gene in Fungal Cells Confers Effective Resistance to the Cotton Wilt Disease Pathogen <i>Verticillium dahliae</i> . <i>Molecular Plant</i> , 2016, 9, 939-942.	8.3	111
30	An Improved Single-Step Cloning Strategy Simplifies the <i>Agrobacterium tumefaciens</i> -Mediated Transformation (ATMT)-Based Gene-Disruption Method for <i>Verticillium dahliae</i> . <i>Phytopathology</i> , 2016, 106, 645-652.	2.2	40
31	Cotton plants export microRNAs to inhibit virulence gene expression in a fungal pathogen. <i>Nature Plants</i> , 2016, 2, 16153.	9.3	418
32	Replication of a pathogenic non-coding RNA increases DNA methylation in plants associated with a bromodomain-containing viroid-binding protein. <i>Scientific Reports</i> , 2016, 6, 35751.	3.3	13
33	Genome-wide identification of endogenous RNA-directed DNA methylation loci associated with abundant 21-nucleotide siRNAs in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2016, 6, 36247.	3.3	26
34	The dual edge of RNA silencing suppressors in the virus-host interactions. <i>Current Opinion in Virology</i> , 2016, 17, 39-44.	5.4	57
35	Nicotiana Small RNA Sequences Support a Host Genome Origin of Cucumber Mosaic Virus Satellite RNA. <i>PLoS Genetics</i> , 2015, 11, e1004906.	3.5	28
36	Satellite RNAs interfere with the function of viral RNA silencing suppressors. <i>Frontiers in Plant Science</i> , 2015, 6, 281.	3.6	33

#	ARTICLE	IF	CITATIONS
37	Cleavage of <i>INDOLE-3-ACETIC ACID INDUCIBLE28</i> mRNA by MicroRNA847 Upregulates Auxin Signaling to Modulate Cell Proliferation and Lateral Organ Growth in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 574-590.	6.6	79
38	Colonization process of Arabidopsis thaliana roots by a green fluorescent protein-tagged isolate of <i>Verticillium dahliae</i> . <i>Protein and Cell</i> , 2014, 5, 94-98.	11.0	102
39	siRNA-mediated decrease in DNA methylation, accumulation of siRNAs, and increase in expression for genes involved in defense pathways in plants infected with beet severe curly top virus. <i>Plant Journal</i> , 2013, 73, 910-917.	5.7	54
40	Molecular Characterization and Functional Analysis of a Necrosis- and Ethylene-Inducing, Protein-Encoding Gene Family from <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 964-975.	2.6	158
41	Suppression of Arabidopsis ARGONAUTE1-Mediated Slicing, Transgene-Induced RNA Silencing, and DNA Methylation by Distinct Domains of the Cucumber mosaic virus 2b Protein. <i>Plant Cell</i> , 2012, 24, 259-274.	6.6	173
42	DRD1-dependent self-silencing of an exogenous silencer restricts the non-cell autonomous silencing of an endogenous target gene. <i>Plant Journal</i> , 2011, 68, 633-645.	5.7	11
43	A Glutamic Acid-Rich Protein Identified in <i>Verticillium dahliae</i> from an Insertional Mutagenesis Affects Microsclerotial Formation and Pathogenicity. <i>PLoS ONE</i> , 2010, 5, e15319.	2.5	102
44	Artificial MicroRNAs Highly Accessible to Targets Confer Efficient Virus Resistance in Plants. <i>Journal of Virology</i> , 2008, 82, 11084-11095.	3.4	153
45	MicroRNA Directs mRNA Cleavage of the Transcription Factor NAC1 to Downregulate Auxin Signals for Arabidopsis Lateral Root Development. <i>Plant Cell</i> , 2005, 17, 1376-1386.	6.6	950
46	A chemical-regulated inducible RNAi system in plants. <i>Plant Journal</i> , 2003, 34, 383-392.	5.7	194
47	SINAT5 promotes ubiquitin-related degradation of NAC1 to attenuate auxin signals. <i>Nature</i> , 2002, 419, 167-170.	27.8	417