

Kunlong Yang

List of Publications by Year in descending order

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27
papers

949
citations

430874

18
h-index

526287

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times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	The DmtA methyltransferase contributes to <i>Aspergillus flavus</i> conidiation, sclerotial production, aflatoxin biosynthesis and virulence. <i>Scientific Reports</i> , 2016, 6, 23259.	3.3	99
2	The <i>Aspergillus flavus</i> Histone Acetyltransferase AflGcnE Regulates Morphogenesis, Aflatoxin Biosynthesis, and Pathogenicity. <i>Frontiers in Microbiology</i> , 2016, 7, 1324.	3.5	96
3	sRNA profiling in <i>Aspergillus flavus</i> reveals differentially expressed miRNA-like RNAs response to water activity and temperature. <i>Fungal Genetics and Biology</i> , 2015, 81, 113-119.	2.1	79
4	Cinnamaldehyde, a Promising Natural Preservative Against <i>Aspergillus flavus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2895.	3.5	58
5	The high-affinity phosphodiesterase PdeH regulates development and aflatoxin biosynthesis in <i>Aspergillus flavus</i> . <i>Fungal Genetics and Biology</i> , 2017, 101, 7-19.	2.1	49
6	Proteomic profile of <i>Aspergillus flavus</i> in response to water activity. <i>Fungal Biology</i> , 2015, 119, 114-124.	2.5	48
7	Adenylate Cyclase AcyA Regulates Development, Aflatoxin Biosynthesis and Fungal Virulence in <i>Aspergillus flavus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 190.	3.9	45
8	The HosA Histone Deacetylase Regulates Aflatoxin Biosynthesis Through Direct Regulation of Aflatoxin Cluster Genes. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1210-1228.	2.6	42
9	Dysfunction of <i>FadA</i> cAMP signalling decreases <i>Aspergillus flavus</i> resistance to antimicrobial natural preservative Perillaldehyde and <i>AFB1</i> biosynthesis. <i>Environmental Microbiology</i> , 2022, 24, 1590-1607.	3.8	42
10	Cyclase-Associated Protein Cap with Multiple Domains Contributes to Mycotoxin Biosynthesis and Fungal Virulence in <i>Aspergillus flavus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4200-4213.	5.2	41
11	The Stress Response Regulator AflSkn7 Influences Morphological Development, Stress Response, and Pathogenicity in the Fungus <i>Aspergillus flavus</i> . <i>Toxins</i> , 2016, 8, 202.	3.4	37
12	G Protein β Subunit GpaB is Required for Asexual Development, Aflatoxin Biosynthesis and Pathogenicity by Regulating cAMP Signaling in <i>Aspergillus flavus</i> . <i>Toxins</i> , 2018, 10, 117.	3.4	36
13	The Putative Histone Methyltransferase DOT1 Regulates Aflatoxin and Pathogenicity Attributes in <i>Aspergillus flavus</i> . <i>Toxins</i> , 2017, 9, 232.	3.4	33
14	Inhibition of aflatoxin metabolism and growth of <i>Aspergillus flavus</i> in liquid culture by a DNA methylation inhibitor. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 554-563.	2.3	32
15	Contribution of ATPase copper transporters in animal but not plant virulence of the crossover pathogen <i>Aspergillus flavus</i> . <i>Virulence</i> , 2018, 9, 1273-1286.	4.4	29
16	Luteolin alleviates ochratoxin A induced oxidative stress by regulating Nrf2 and HIF-1 β pathways in NRK-52E rat kidney cells. <i>Food and Chemical Toxicology</i> , 2020, 141, 111436.	3.6	28
17	Recent development in biological activities and safety concerns of perillaldehyde from perilla plants: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6328-6340.	10.3	26
18	Molecular and structural basis of nucleoside diphosphate kinase-mediated regulation of spore and sclerotia development in the fungus <i>Aspergillus flavus</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 12415-12431.	3.4	24

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19	The Molecular Mechanism of Perillaldehyde Inducing Cell Death in <i>Aspergillus flavus</i> by Inhibiting Energy Metabolism Revealed by Transcriptome Sequencing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1518.	4.1	22
20	Set3 Is Required for Asexual Development, Aflatoxin Biosynthesis, and Fungal Virulence in <i>Aspergillus flavus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 530.	3.5	16
21	Functional Analysis of Peptidyl-prolyl cis-trans Isomerase from <i>Aspergillus flavus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2206.	4.1	13
22	The membrane mucin Msb2 regulates aflatoxin biosynthesis and pathogenicity in fungus <i>Aspergillus flavus</i> . <i>Microbial Biotechnology</i> , 2021, 14, 628-642.	4.2	13
23	Investigation of <i>Aspergillus flavus</i> in animal virulence. <i>Toxicon</i> , 2018, 145, 40-47.	1.6	12
24	Regulator of G Protein Signaling Contributes to the Development and Aflatoxin Biosynthesis in <i>Aspergillus flavus</i> through the Regulation of G1 \pm Activity. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	11
25	Transcriptome Sequencing Revealed an Inhibitory Mechanism of <i>Aspergillus flavus</i> Asexual Development and Aflatoxin Metabolism by Soy-Fermenting Non-Aflatoxigenic <i>Aspergillus</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6994.	4.1	10
26	Gas Chromatography–Mass Spectrometry Profiling of Volatile Compounds Reveals Metabolic Changes in a Non-Aflatoxigenic <i>Aspergillus flavus</i> Induced by 5-Azacytidine. <i>Toxins</i> , 2020, 12, 57.	3.4	5
27	The regulatory role of the <i>Aspergillus flavus</i> core retromer complex in aflatoxin metabolism. <i>Journal of Biological Chemistry</i> , 2022, 298, 102120.	3.4	3