Kunlong Yang

List of Publications by Year
in descending order

27 papers	949 citations	430874 18 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	699 citing authors

#	Article	IF	Citations
1	Recent development in biological activities and safety concerns of perillaldehyde from perilla plants: A review. Critical Reviews in Food Science and Nutrition, 2022, 62, 6328-6340.	10.3	26
2	Dysfunction of <scp>FadAâ€¢AMP</scp> signalling decreases Aspergillus flavus resistance to antimicrobial natural preservative Perillaldehyde and <scp>AFB1</scp> biosynthesis. Environmental Microbiology, 2022, 24, 1590-1607.	3.8	42
3	Regulator of G Protein Signaling Contributes to the Development and Aflatoxin Biosynthesis in Aspergillus flavus through the Regulation of GÎ± Activity. Applied and Environmental Microbiology, 2022, 88, .	3.1	11
4	The regulatory role of the Aspergillus flavus core retromer complex in aflatoxin metabolism. Journal of Biological Chemistry, 2022, 298, 102120.	3.4	3
5	The membrane mucin Msb2 regulates aflatoxin biosynthesis and pathogenicity in fungus Aspergillus flavus. Microbial Biotechnology, 2021, 14, 628-642.	4.2	13
6	Transcriptome Sequencing Revealed an Inhibitory Mechanism of Aspergillus flavus Asexual Development and Aflatoxin Metabolism by Soy-Fermenting Non-Aflatoxigenic Aspergillus. International Journal of Molecular Sciences, 2020, 21, 6994.	4.1	10
7	The Molecular Mechanism of Perillaldehyde Inducing Cell Death in Aspergillus flavus by Inhibiting Energy Metabolism Revealed by Transcriptome Sequencing. International Journal of Molecular Sciences, 2020, 21, 1518.	4.1	22
8	Gas Chromatographyâ€“Mass Spectrometry Profiling of Volatile Compounds Reveals Metabolic Changes in a Non-Aflatoxigenic Aspergillus flavus Induced by 5-Azacytidine. Toxins, 2020, 12, 57.	3.4	5
9	Luteolin alleviates ochratoxin A induced oxidative stress by regulating Nrf2 and HIF-1Î± pathways in NRK-52E rat kidney cells. Food and Chemical Toxicology, 2020, 141, 111436.	3.6	28
10	Molecular and structural basis of nucleoside diphosphate kinaseâ€“mediated regulation of spore and sclerotia development in the fungus Aspergillus flavus. Journal of Biological Chemistry, 2019, 294, 12415-12431.	3.4	24
11	Functional Analysis of Peptidyl-prolyl cis-trans Isomerase from Aspergillus flavus. International Journal of Molecular Sciences, 2019, 20, 2206.	4.1	13
12	The HosA Histone Deacetylase Regulates Aflatoxin Biosynthesis Through Direct Regulation of Aflatoxin Cluster Genes. Molecular Plant-Microbe Interactions, 2019, 32, 1210-1228.	2.6	42
13	Set3 Is Required for Asexual Development, Aflatoxin Biosynthesis, and Fungal Virulence in Aspergillus flavus. Frontiers in Microbiology, 2019, 10, 530.	3.5	16
14	Cyclase-Associated Protein Cap with Multiple Domains Contributes to Mycotoxin Biosynthesis and Fungal Virulence in Aspergillus flavus. Journal of Agricultural and Food Chemistry, 2019, 67, 4200-4213.	5.2	41
15	Cinnamaldehyde, a Promising Natural Preservative Against Aspergillus flavus. Frontiers in Microbiology, 2019, 10, 2895.	3.5	58
16	Investigation of Aspergillus flavus in animal virulence. Toxicon, 2018, 145, 40-47.	1.6	12
17	G Protein Î± Subunit GpaB is Required for Asexual Development, Aflatoxin Biosynthesis and Pathogenicity by Regulating cAMP Signaling in Aspergillus flavus. Toxins, 2018, 10, 117.	3.4	36
18	Contribution of ATPase copper transporters in animal but not plant virulence of the crossover pathogen Aspergillus flavus. Virulence, 2018, 9, 1273-1286.	4.4	29

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19	The high-affinity phosphodiesterase PdeH regulates development and aflatoxin biosynthesis in Aspergillus flavus. Fungal Genetics and Biology, 2017, 101, 7-19.	2.1	49
20	The Putative Histone Methyltransferase DOT1 Regulates Aflatoxin and Pathogenicity Attributes in Aspergillus flavus. Toxins, 2017, 9, 232.	3.4	33
21	The Stress Response Regulator AflSkn7 Influences Morphological Development, Stress Response, and Pathogenicity in the Fungus Aspergillus flavus. Toxins, 2016, 8, 202.	3.4	37
22	Adenylate Cyclase AcyA Regulates Development, Aflatoxin Biosynthesis and Fungal Virulence in Aspergillus flavus. Frontiers in Cellular and Infection Microbiology, 2016, 6, 190.	3.9	45
23	The Aspergillus flavus Histone Acetyltransferase AflGcnE Regulates Morphogenesis, Aflatoxin Biosynthesis, and Pathogenicity. Frontiers in Microbiology, 2016, 7, 1324.	3.5	96
24	The DmtA methyltransferase contributes to Aspergillus flavus conidiation, sclerotial production, aflatoxin biosynthesis and virulence. Scientific Reports, 2016, 6, 23259.	3.3	99
25	Proteomic profile of Aspergillus flavus in response to water activity. Fungal Biology, 2015, 119, 114-124.	2.5	48
26	sRNA profiling in Aspergillus flavus reveals differentially expressed miRNA-like RNAs response to water activity and temperature. Fungal Genetics and Biology, 2015, 81, 113-119.	2.1	79
27	Inhibition of aflatoxin metabolism and growth ofAspergillus flavusin liquid culture by a DNA methylation inhibitor. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 554-563.	2.3	32