

Huawei Zheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rab GTPases are essential for membrane trafficking-dependent growth and pathogenicity in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2015, 17, 4580-4599.	3.8	86
2	Retromer Is Essential for Autophagy-Dependent Plant Infection by the Rice Blast Fungus. <i>PLoS Genetics</i> , 2015, 11, e1005704.	3.5	61
3	Small GTPase Rab7-mediated FgAtg9 trafficking is essential for autophagy-dependent development and pathogenicity in <i>Fusarium graminearum</i> . <i>PLoS Genetics</i> , 2018, 14, e1007546.	3.5	44
4	The endosomal recycling of FgSnc1 by FgSnx4 heterodimer is essential for polarized growth and pathogenicity in <i>Fusarium graminearum</i> . <i>New Phytologist</i> , 2018, 219, 654-671.	7.3	37
5	FgSec2A, a guanine nucleotide exchange factor of FgRab8, is important for polarized growth, pathogenicity and deoxynivalenol production in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2018, 20, 3378-3392.	3.8	35
6	Retrograde trafficking from the endosome to the trans-Golgi network mediated by the retromer is required for fungal development and pathogenicity in <i>Fusarium graminearum</i> . <i>New Phytologist</i> , 2016, 210, 1327-1343.	7.3	33
7	Endosomal sorting complexes required for transport is essential for fungal development and pathogenicity in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2016, 18, 3742-3757.	3.8	31
8	FgSpa2 recruits FgMsb3, a Rab8 GAP, to the polarisome to regulate polarized trafficking, growth and pathogenicity in <i>Fusarium graminearum</i> . <i>New Phytologist</i> , 2021, 229, 1665-1683.	7.3	17
9	Sorting nexin (MoVps17) is required for fungal development and plant infection by regulating endosome dynamics in the rice blast fungus. <i>Environmental Microbiology</i> , 2017, 19, 4301-4317.	3.8	16
10	Development of versatile and efficient genetic tools for the marine-derived fungus <i>Aspergillus terreus</i> RA2905. <i>Current Genetics</i> , 2022, 68, 153-164.	1.7	10
11	Genomic and Chemical Investigation of Bioactive Secondary Metabolites From a Marine-Derived Fungus <i>Penicillium steckii</i> P2648. <i>Frontiers in Microbiology</i> , 2021, 12, 600991.	3.5	9
12	The retromer CSC subcomplex is recruited by MoYpt7 and sequentially sorted by MoVps17 for effective conidiation and pathogenicity of the rice blast fungus. <i>Molecular Plant Pathology</i> , 2021, 22, 284-298.	4.2	9
13	The GTPase-Activating Protein FgGyp1 Is Important for Vegetative Growth, Conidiation, and Virulence and Negatively Regulates DON Biosynthesis in <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 621519.	3.5	7
14	FgHtf1 Regulates Global Gene Expression towards Aerial Mycelium and Conidiophore Formation in the Cereal Fungal Pathogen <i>Fusarium graminearum</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	6
15	The Small GTPase FgRab1 Plays Indispensable Roles in the Vegetative Growth, Vesicle Fusion, Autophagy and Pathogenicity of <i>Fusarium graminearum</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 895.	4.1	6
16	FgRab5 and FgRab7 are essential for endosomes biogenesis and non-redundantly recruit the retromer complex to the endosomes in <i>Fusarium graminearum</i> . <i>Stress Biology</i> , 2021, 1, 1.	3.1	5