

# Kai Dou

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

537  
citations

759233

12  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect of <i>Trichoderma</i> -derived antifungal metabolites and cell wall degrading enzymes on enhanced biocontrol of <i>Fusarium oxysporum</i> f. sp. <i>cucumerinum</i> . <i>Biological Control</i> , 2016, 94, 37-46.	3.0	129
2	Identification of a novel fungus, <i>Trichoderma asperellum</i> GDFS1009, and comprehensive evaluation of its biocontrol efficacy. <i>PLoS ONE</i> , 2017, 12, e0179957.	2.5	116
3	Co-culture of <i>Bacillus amyloliquefaciens</i> ACCC11060 and <i>Trichoderma asperellum</i> GDFS1009 enhanced pathogen-inhibition and amino acid yield. <i>Microbial Cell Factories</i> , 2018, 17, 155.	4.0	50
4	Enhanced biocontrol activity of cellulase from <i>Trichoderma harzianum</i> against <i>Fusarium graminearum</i> through activation of defense-related genes in maize. <i>Physiological and Molecular Plant Pathology</i> , 2018, 103, 130-136.	2.5	40
5	MIST: a Multilocus Identification System for <i>Trichoderma</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	30
6	Omics for understanding synergistic action of validamycin A and <i>Trichoderma asperellum</i> GDFS1009 against maize sheath blight pathogen. <i>Scientific Reports</i> , 2017, 7, 40140.	3.3	27
7	Elicitor hydrophobin Hyd1 interacts with Ubiquilin-like to induce maize systemic resistance. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 509-526.	8.5	27
8	<i>Trichoderma</i> biodiversity in major ecological systems of China. <i>Journal of Microbiology</i> , 2019, 57, 668-675.	2.8	25
9	Biodiversity of <i>Trichoderma</i> Community in the Tidal Flats and Wetland of Southeastern China. <i>PLoS ONE</i> , 2016, 11, e0168020.	2.5	22
10	Occurrence and virulence of <i>Fusarium</i> spp. associated with stalk rot of maize in North-East China. <i>Physiological and Molecular Plant Pathology</i> , 2017, 98, 1-8.	2.5	19
11	Cloning and characteristic analysis of a novel aspartic protease gene Asp55 from <i>Trichoderma asperellum</i> ACCC30536. <i>Microbiological Research</i> , 2014, 169, 915-923.	5.3	18
12	Yeast two-hybrid and label-free proteomics based screening of maize root receptor to cellulase of <i>Trichoderma harzianum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 86-94.	2.5	15
13	Biological characteristic and biocontrol mechanism of <i>Trichoderma harzianum</i> T-A66 against bitter gourd wilt caused by <i>Fusarium oxysporum</i> . <i>Journal of Plant Pathology</i> , 2020, 102, 1107-1120.	1.2	6
14	Impacts on silkworm larvae midgut proteomics by transgenic <i>Trichoderma</i> strain and analysis of glutathione S-transferase sigma 2 gene essential for anti-stress response of silkworm larvae. <i>Journal of Proteomics</i> , 2015, 126, 218-227.	2.4	4
15	Multiplayer interaction of <i>Trichoderma</i> and plant in the induced plant resistance. , 2020, , 141-155.		3
16	The application potential of <i>Trichoderma</i> T-soybean containing 1-aminocyclopropane-1-carboxylate for maize production. <i>Physiological and Molecular Plant Pathology</i> , 2020, 110, 101475.	2.5	3