

Chia-Lin Chung

List of Publications by Year in descending order

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37
papers

999
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516215

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454577

30
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41
docs citations

41
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Bakanae disease in rice seedlings by machine vision. <i>Computers and Electronics in Agriculture</i> , 2016, 121, 404-411.	3.7	120
2	Resistance loci affecting distinct stages of fungal pathogenesis: use of introgression lines for QTL mapping and characterization in the maize - <i>Setosphaeria turcica</i> pathosystem. <i>BMC Plant Biology</i> , 2010, 10, 103.	1.6	87
3	Colocalization of Prostacyclin Synthase with Prostaglandin H Synthase-1 (PGHS-1) but Not Phorbol Ester-induced PGHS-2 in Cultured Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 15314-15320.	1.6	78
4	Identifying rice grains using image analysis and sparse-representation-based classification. <i>Computers and Electronics in Agriculture</i> , 2016, 127, 716-725.	3.7	66
5	Characterization and fine-mapping of a resistance locus for northern leaf blight in maize bin 8.06. <i>Theoretical and Applied Genetics</i> , 2010, 121, 205-227.	1.8	59
6	A remorin gene is implicated in quantitative disease resistance in maize. <i>Theoretical and Applied Genetics</i> , 2016, 129, 591-602.	1.8	56
7	Diversity and pathogenicity of <i>Colletotrichum</i> species causing strawberry anthracnose in Taiwan and description of a new species, <i>Colletotrichum miaoliense</i> sp. nov.. <i>Scientific Reports</i> , 2020, 10, 14664.	1.6	49
8	Targeted discovery of quantitative trait loci for resistance to northern leaf blight and other diseases of maize. <i>Theoretical and Applied Genetics</i> , 2011, 123, 307-326.	1.8	45
9	Analysis of quantitative disease resistance to southern leaf blight and of multiple disease resistance in maize, using near-isogenic lines. <i>Theoretical and Applied Genetics</i> , 2012, 124, 433-445.	1.8	44
10	Comparative and population genomic landscape of <i>Phellinus noxius</i> : A hypervariable fungus causing root rot in trees. <i>Molecular Ecology</i> , 2017, 26, 6301-6316.	2.0	40
11	Strawberry foliar anthracnose assessment by hyperspectral imaging. <i>Computers and Electronics in Agriculture</i> , 2016, 122, 1-9.	3.7	39
12	The Genetic Structure of <i>Phellinus noxius</i> and Dissemination Pattern of Brown Root Rot Disease in Taiwan. <i>PLoS ONE</i> , 2015, 10, e0139445.	1.1	34
13	Determinants of Virulence and In Vitro Development Colocalize on a Genetic Map of <i>Setosphaeria turcica</i> . <i>Phytopathology</i> , 2018, 108, 254-263.	1.1	34
14	In Vitro and in Planta Evaluation of <i>Trichoderma asperellum</i> TA as a Biocontrol Agent Against <i>Phellinus noxius</i> , the Cause of Brown Root Rot Disease of Trees. <i>Plant Disease</i> , 2019, 103, 2733-2741.	0.7	21
15	The Genetic Structure, Virulence, and Fungicide Sensitivity of <i>Fusarium fujikuroi</i> in Taiwan. <i>Phytopathology</i> , 2016, 106, 624-635.	1.1	19
16	Cryptic Diversity, Molecular Systematics, and Pathogenicity of Genus <i>Pestalotiopsis</i> and Allied Genera Causing Gray Blight Disease of Tea in Taiwan, With a Description of a New <i>Pseudopestalotiopsis</i> Species. <i>Plant Disease</i> , 2021, 105, 425-443.	0.7	19
17	Genome-wide association study of rice genes and loci conferring resistance to <i>Magnaporthe oryzae</i> isolates from Taiwan. , 2018, 59, 32.		15
18	Identification of a strawberry NPR-like gene involved in negative regulation of the salicylic acid-mediated defense pathway. <i>PLoS ONE</i> , 2018, 13, e0205790.	1.1	15

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19	A Novel Variation in the <i>FRIZZLE PANICLE</i> (<i>FZP</i>) Gene Promoter Improves Grain Number and Yield in Rice. <i>Genetics</i> , 2020, 215, 243-252.	1.2	15
20	Genetic mapping of the <i>SBN7</i> locus, a QTL controlling secondary branch number per panicle in rice. <i>Breeding Science</i> , 2017, 67, 340-347.	0.9	14
21	Transcriptome Analysis of Early Defenses in Rice against <i>Fusarium fujikuroi</i> . <i>Rice</i> , 2020, 13, 65.	1.7	13
22	Evidence of Extensive Intraspecific Noncoding Reshuffling in a 169-kb Mitochondrial Genome of a Basidiomycetous Fungus. <i>Genome Biology and Evolution</i> , 2019, 11, 2774-2788.	1.1	12
23	First Report of Anthracnose Crown Rot of Strawberry Caused by <i>Colletotrichum siamense</i> in Taiwan. <i>Plant Disease</i> , 2019, 103, 1775.	0.7	12
24	Genome-wide association mapping of gene loci affecting disease resistance in the rice- <i>Fusarium fujikuroi</i> pathosystem. <i>Rice</i> , 2019, 12, 85.	1.7	11
25	First Report of <i>Neopestalotiopsis rosae</i> Causing Leaf Blight and Crown Rot on Strawberry in Taiwan. <i>Plant Disease</i> , 2021, 105, 487-487.	0.7	10
26	First Report of <i>Xanthomonas fragariae</i> Causing Angular Leaf Spot on Strawberry (<i>Fragaria</i> – <i>ananassa</i>) in Taiwan. <i>Plant Disease</i> , 2021, 105, 1187-1187.	0.7	10
27	Soil Is Not a Reservoir for <i>Phellinus noxius</i> . <i>Phytopathology</i> , 2020, 110, 362-369.	1.1	9
28	Phylogenetic and population genetic analyses reveal three distinct lineages of the invasive brown root-rot pathogen, <i>Phellinus noxius</i> , and bioclimatic modeling predicts differences in associated climate niches. <i>European Journal of Plant Pathology</i> , 2020, 156, 751-766.	0.8	9
29	Cyclone-based spore trapping, quantitative real-time polymerase chain reaction and high resolution melting analysis for monitoring airborne inoculum of <i>Magnaporthe oryzae</i> . <i>Annals of Applied Biology</i> , 2016, 169, 75-90.	1.3	7
30	The brown root rot fungus <i>Phellinus noxius</i> affects microbial communities in different root-associated niches of <i>Ficus</i> trees. <i>Environmental Microbiology</i> , 2022, 24, 276-297.	1.8	7
31	Invasion and Colonization Pattern of <i>Fusarium fujikuroi</i> in Rice. <i>Phytopathology</i> , 2020, 110, 1934-1945.	1.1	6
32	Stemphylium Leaf Blight of Welsh Onion (<i>Allium fistulosum</i>): An Emerging Disease in Sanxing, Taiwan. <i>Plant Disease</i> , 2021, 105, 4121-4131.	0.7	5
33	Genotypic and Pathotypic Diversity of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Strains in Taiwan. <i>Journal of Phytopathology</i> , 2016, 164, 745-759.	0.5	4
34	Analysis of the pathogenicity and phylogeny of <i>Colletotrichum</i> species associated with brown blight of tea (<i>Camellia sinensis</i>) in Taiwan. <i>Plant Disease</i> , 0, , .	0.7	4
35	Development of a nested PCR assay for detecting <i>Colletotrichum siamense</i> and <i>Colletotrichum fructicola</i> on symptomless strawberry plants. <i>PLoS ONE</i> , 2022, 17, e0270687.	1.1	4
36	Marker-assisted development and evaluation of monogenic lines of rice cv. Kaohsiung 145 carrying blast resistance genes. <i>Plant Disease</i> , 2021, , PDIS01210142RE.	0.7	3

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37	Surveillance of Rice Blast Resistance Effectiveness and Emerging Virulent Isolates in Taiwan. Plant Disease, 2022, 106, 3187-3197.	0.7	2