Guohong Cai

List of Publications by Year
in descending order

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34 papers	2,632 citations	394421 19 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3629 citing authors

#	Article	IF	Citations
1	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	27.8	1,405
2	The Family Narnaviridae. Advances in Virus Research, 2013, 86, 149-176.	2.1	246
3	The evolution of species concepts and species recognition criteria in plant pathogenic fungi. Fungal Diversity, 2011, 50, 121-133.	12.3	148
4	Origin of Race 3 of Fusarium oxysporum f. sp. lycopersici at a Single Site in California. Phytopathology, 2003, 93, 1014-1022.	2.2	87
5	Extensive horizontal gene transfers between plant pathogenic fungi. BMC Biology, 2016, 14, 41.	3.8	64
6	A member of the virus family Narnaviridae from the plant pathogenic oomycete Phytophthora infestans. Archives of Virology, 2012, 157, 165-169.	2.1	63
7	Single cell genome analysis of an uncultured heterotrophic stramenopile. Scientific Reports, 2014, 4, 4780.	3.3	59
8	Fungicide Resistance in Cercospora kikuchii, a Soybean Pathogen. Plant Disease, 2015, 99, 1596-1603.	1.4	52
9	A novel virus of the late blight pathogen, Phytophthora infestans, with two RNA segments and a supergroup 1 RNA-dependent RNA polymerase. Virology, 2009, 392, 52-61.	2.4	43
10	A new virus from the plant pathogenic oomycete Phytophthora infestans with an 8 kb dsRNA genome: The sixth member of a proposed new virus genus. Virology, 2013, 435, 341-349.	2.4	40
11	Genome-Wide Microsatellite Identification in the Fungus Anisogramma anomala Using Illumina Sequencing and Genome Assembly. PLoS ONE, 2013, 8, e82408.	2.5	37
12	The goat (Capra hircus) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics. Journal of Proteomics, 2016, 145, 60-69.	2.4	36
13	A giant NLR gene confers broad-spectrum resistance to Phytophthora sojae in soybean. Nature Communications, 2021, 12, 6263.	12.8	35
14	Phylogenomic analysis uncovers the evolutionary history of nutrition and infection mode in rice blast fungus and other Magnaporthales. Scientific Reports, 2015, 5, 9448.	3.3	32
15	Genome wide analysis of the transition to pathogenic lifestyles in Magnaporthales fungi. Scientific Reports, 2018, 8, 5862.	3.3	28
16	PiRV-2 stimulates sporulation in Phytophthora infestans. Virus Research, 2019, 271, 197674.	2.2	26
17	Vegetative Compatibility Groups in Cercospora kikuchii, the Causal Agent of Cercospora Leaf Blight and Purple Seed Stain in Soybean. Phytopathology, 2005, 95, 257-261.	2.2	24
18	Phytophthora Viruses. Advances in Virus Research, 2013, 86, 327-350.	2.1	24

#	Article	IF	Citations
19	Characterization of circulating transfer RNA-derived RNA fragments in cattle. Frontiers in Genetics, 2015, 6, 271.	2.3	23
20	Assessment of Lineages of Cercospora kikuchii in Louisiana for Aggressiveness and Screening Soybean Cultivars for Resistance to Cercospora Leaf Blight. Plant Disease, 2009, 93, 868-874.	1.4	21
21	Characterization of a Multidrug-Resistant Salmonella enterica Serovar Heidelberg Outbreak Strain in Commercial Turkeys: Colonization, Transmission, and Host Transcriptional Response. Frontiers in Veterinary Science, 2017, 4, 156.	2.2	20
22	Population Structure of Cercospora kikuchii, the Causal Agent of Cercospora Leaf Blight and Purple Seed Stain in Soybean. Phytopathology, 2008, 98, 823-829.	2.2	17
23	Association of MicroRNAs with Antibody Response to Mycoplasma bovis in Beef Cattle. PLoS ONE, 2016, 11, e0161651.	2.5	17
24	Phytophthora infestans RNA virus 2, a novel RNA virus from Phytophthora infestans, does not belong to any known virus group. Archives of Virology, 2019, 164, 567-572.	2.1	17
25	Avian Intestinal Mucus Modulates Campylobacter jejuni Gene Expression in a Host-Specific Manner. Frontiers in Microbiology, 2018, 9, 3215.	3.5	15
26	Gene profiling in partially resistant and susceptible nearâ€isogenic tomatoes in response to late blight in the field. Molecular Plant Pathology, 2013, 14, 171-184.	4.2	14
27	Mitochondrial genome sequence of Phytophthora sansomeanaÂand comparative analysis of Phytophthora mitochondrial genomes. PLoS ONE, 2020, 15, e0231296.	2.5	9
28	Cross-protective Salmonella vaccine reduces cecal and splenic colonization of multidrug-resistant Salmonella enterica serovar Heidelberg. Vaccine, 2019, 37, 1255-1259.	3.8	7
29	Comparative genomics approach to build a genome-wide database of high-quality, informative microsatellite markers: application on Phytophthora sojae, a soybean pathogen. Scientific Reports, 2019, 9, 7969.	3.3	5
30	Confirmation of independent introductions of an exotic plant pathogen of Cornus species, Discula destructiva, on the east and west coasts of North America. PLoS ONE, 2017, 12, e0180345.	2.5	5
31	Association of Circulating Transfer RNA fragments with antibody response to Mycoplasma bovis in beef cattle. BMC Veterinary Research, 2018, 14, 89.	1.9	3
32	Modulation of porcine microRNAs associated with apoptosis and NF-Î²B signaling pathways in response to Salmonella enterica serovar Typhimurium. Gene, 2018, 676, 290-297.	2.2	3
33	First Report of Fusarium fujikuroi Causing Root Rot and Seedling Elongation of Soybean in Indiana. Plant Disease, 2021, 105, 3762.	1.4	3
34	First Report of Mycoleptodiscus terrestris Causing Root Rot of Soybean in Indiana. Plant Disease, 2021, 105, 1194-1194.	1.4	1