Nicolas W G Chen

List of Publications by Year
in descending order

20 papers	1,105 citations	623699 14 h-index	713444 21 g-index
24 all docs	24 docs citations	24 times ranked	1530 citing authors

#	Article	IF	Citations
1	Improving Common Bacterial Blight Phenotyping by Using Rub Inoculation and Machine Learning: Cheaper, Better, Faster, Stronger. Phytopathology, 2022, 112, 691-699.	2.2	2
2	Common bacterial blight of bean: a model of seed transmission and pathological convergence. Molecular Plant Pathology, 2021, 22, 1464-1480.	4.2	16
3	Complete and Circularized Genome Sequences of Three Xanthomonas Strains Pathogenic on Soybean and Alfalfa. Microbiology Resource Announcements, 2021, 10, e0053721.	0.6	1
4	Complete and Circularized Genome Sequences of 17 <i>Xanthomonas</i> Strains Responsible for Common Bacterial Blight of Bean. Microbiology Resource Announcements, 2021, 10, e0037121.	0.6	1
5	Common bean resistance to Xanthomonas is associated with upregulation of the salicylic acid pathway and downregulation of photosynthesis. BMC Genomics, 2020, 21, 566.	2.8	15
6	Common Bean Subtelomeres Are Hot Spots of Recombination and Favor Resistance Gene Evolution. Frontiers in Plant Science, 2018, 9, 1185.	3.6	54
7	Horizontal gene transfer plays a major role in the pathological convergence of Xanthomonas lineages on common bean. BMC Genomics, 2018, 19, 606.	2.8	38
8	First Complete Genome Sequences of Xanthomonas citri pv. vignicola Strains CFBP7111, CFBP7112, and CFBP7113 Obtained Using Long-Read Technology. Genome Announcements, 2017, 5, .	0.8	15
9	What Is Present at Common Bean Subtelomeres? Large Resistance Gene Clusters, Knobs and Khipu Satellite DNA. Compendium of Plant Genomes, 2017, , 187-199.	0.5	1
10	Xanthomonas adaptation to common bean is associated with horizontal transfers of genes encoding TAL effectors. BMC Genomics, 2017, 18, 670.	2.8	37
11	Using Ecology, Physiology, and Genomics to Understand Host Specificity in <i>Xanthomonas</i>. Annual Review of Phytopathology, 2016, 54, 163-187.	7.8	157
12	Immunity to plant pathogens and iron homeostasis. Plant Science, 2015, 240, 90-97.	3.6	123
13	Scavenging Iron: A Novel Mechanism of Plant Immunity Activation by Microbial Siderophores Â Â. Plant Physiology, 2014, 164, 2167-2183.	4.8	94
14	Identification and characterization of functional centromeres of the common bean. Plant Journal, 2013, 76, 47-60.	5.7	61
15	The Subtelomeric khipu Satellite Repeat from Phaseolus vulgaris: Lessons Learned from the Genome Analysis of the Andean Genotype G19833. Frontiers in Plant Science, 2013, 4, 109.	3.6	39
16	Evolution of a Complex Disease Resistance Gene Cluster in Diploid<i>Phaseolus</i>and Tetraploid<i>Glycine</i>Â Â Â. Plant Physiology, 2012, 159, 336-354.	4.8	76
17	Specific resistances against <i>Pseudomonas syringae</i> effectors AvrB and AvrRpm1 have evolved differently in common bean (<i>Phaseolus vulgaris</i>), soybean (<i>Glycine max</i>), and <i>Arabidopsis thaliana</i>. New Phytologist, 2010, 187, 941-956.	7.3	50
18	A Nomadic Subtelomeric Disease Resistance Gene Cluster in Common Bean Â. Plant Physiology, 2009, 151, 1048-1065.	4.8	121

#	Article	IF	Citations
19	Differential Accumulation of Retroelements and Diversification of NB-LRR Disease Resistance Genes in Duplicated Regions following Polyploidy in the Ancestor of Soybean Â. Plant Physiology, 2008, 148, 1740-1759.	4.8	140
20	Replication of Nonautonomous Retroelements in Soybean Appears to Be Both Recent and Common Â. Plant Physiology, 2008, 148, 1760-1771.	4.8	57