Guang-Tao Lu

List of Publications by Year
in descending order

18 papers	547 citations	759233 12 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	461 citing authors

#	Article	IF	Citations
1	Comparative and functional genomics reveals genetic diversity and determinants of host specificity among reference strains and a large collection of Chinese isolates of the phytopathogen Xanthomonas campestris pv. campestris. Genome Biology, 2007, 8, R218.	9.6	91
2	Identification of a putative cognate sensor kinase for the twoâ€component response regulator <scp>HrpG</scp>, a key regulator controlling the expression of the <scp><i>hrp</i></scp> genes in <scp><i>X</i></scp><i>anthomonas campestris</i> pv. <i>campestris</i>. Environmental Microbiology, 2014, 16, 2053-2071.	3.8	79
3	The Zur of Xanthomonas campestris Is Involved in Hypersensitive Response and Positively Regulates the Expression of the hrp Cluster Via hrpX But Not hrpG. Molecular Plant-Microbe Interactions, 2009, 22, 321-329.	2.6	68
4	hpaR , a Putative marR Family Transcriptional Regulator, Is Positively Controlled by HrpG and HrpX and Involved in the Pathogenesis, Hypersensitive Response, and Extracellular Protease Production of Xanthomonas campestris Pathovar campestris. Journal of Bacteriology, 2007, 189, 2055-2062.	2.2	67
5	A putative colRâ€“colS two-component signal transduction system in Xanthomonas campestris positively regulates hrpC and hrpE operons and is involved in virulence, the hypersensitive response and tolerance to various stresses. Research in Microbiology, 2008, 159, 569-578.	2.1	52
6	Glyceraldehyde-3-phosphate dehydrogenase of Xanthomonas campestris pv. campestris is required for extracellular polysaccharide production and full virulence. Microbiology (United Kingdom), 2009, 155, 1602-1612.	1.8	35
7	Characterization of the GntR family regulator HpaR1 of the crucifer black rot pathogen Xanthomonas campestris pathovar campestris. Scientific Reports, 2016, 6, 19862.	3.3	27
8	Establishment of an inducing medium for type III effector secretion in Xanthomonas campestris pv. campestris. Brazilian Journal of Microbiology, 2013, 44, 945-952.	2.0	23
9	A novel locus involved in extracellular polysaccharide production and virulence of Xanthomonas campestris pathovar campestris. Microbiology (United Kingdom), 2007, 153, 737-746.	1.8	21
10	HpaP, a novel regulatory protein with ATPase and phosphatase activity, contributes to full virulence in <i>Xanthomonas campestris</i> pv. <i>campestris</i>. Environmental Microbiology, 2018, 20, 1389-1404.	3.8	16
11	PilG and PilH antagonistically control flagellum-dependent and pili-dependent motility in the phytopathogen Xanthomonas campestris pv. campestris. BMC Microbiology, 2020, 20, 37.	3.3	16
12	<i>Xanthomonas campestris</i> sensor kinase HpaS coâ€opts the orphan response regulator VemR to form a branched twoâ€component system that regulates motility. Molecular Plant Pathology, 2020, 21, 360-375.	4.2	14
13	The role of glucose kinase in carbohydrate utilization and extracellular polysaccharide production in Xanthomonas campestris pathovar campestris. Microbiology (United Kingdom), 2007, 153, 4284-4294.	1.8	13
14	Genomic and Functional Dissections of Dickeya zeae Shed Light on the Role of Type III Secretion System and Cell Wall-Degrading Enzymes to Host Range and Virulence. Microbiology Spectrum, 2022, 10, e0159021.	3.0	8
15	McvR, a single domain response regulator regulates motility and virulence in the plant pathogen Xanthomonas campestris. Molecular Plant Pathology, 2022, , .	4.2	6
16	HprK_{Xcc} is a serine kinase that regulates virulence in the Gramâ€negative phytopathogen <i>Xanthomonas campestris</i>. Environmental Microbiology, 2019, 21, 4504-4520.	3.8	5
17	Flp, a Fisâ€like protein, contributes to the regulation of type III secretion and virulence processes in the phytopathogenXanthomonas campestrispv.campestris. Molecular Plant Pathology, 2019, 20, 1119-1133.	4.2	4
18	A HUâ€like protein is required for full virulence in Xanthomonas campestris pv. campestris. Molecular Plant Pathology, 2021, 22, 1574-1586.	4.2	2