

Guang-Tao Lu

List of Publications by Year in descending order

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