

Daniela BÃ¼ttner

List of Publications by Year in descending order

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42
papers

3,555
citations

257450

24
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276875

41
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docs citations

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times ranked

2877
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation and secretion of <i>Xanthomonas</i> virulence factors. <i>FEMS Microbiology Reviews</i> , 2010, 34, 107-133.	8.6	426
2	Protein Export According to Schedule: Architecture, Assembly, and Regulation of Type III Secretion Systems from Plant- and Animal-Pathogenic Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2012, 76, 262-310.	6.6	362
3	Insights into Genome Plasticity and Pathogenicity of the Plant Pathogenic Bacterium <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Revealed by the Complete Genome Sequence. <i>Journal of Bacteriology</i> , 2005, 187, 7254-7266.	2.2	321
4	Type III Protein Secretion in Plant Pathogenic Bacteria. <i>Plant Physiology</i> , 2009, 150, 1656-1664.	4.8	275
5	Behind the lines—actions of bacterial type III effector proteins in plant cells. <i>FEMS Microbiology Reviews</i> , 2016, 40, 894-937.	8.6	260
6	NEW EMBO MEMBER'S REVIEW: Getting across—bacterial type III effector proteins on their way to the plant cell. <i>EMBO Journal</i> , 2002, 21, 5313-5322.	7.8	203
7	Port of entry—the type III secretion translocon. <i>Trends in Microbiology</i> , 2002, 10, 186-192.	7.7	202
8	Functional Analysis of HrpF, a Putative Type III Translocon Protein from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Journal of Bacteriology</i> , 2002, 184, 2389-2398.	2.2	141
9	Common infection strategies of plant and animal pathogenic bacteria. <i>Current Opinion in Plant Biology</i> , 2003, 6, 312-319.	7.1	116
10	Functional characterization of the Xcs and Xps type II secretion systems from the plant pathogenic bacterium <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>New Phytologist</i> , 2010, 187, 983-1002.	7.3	114
11	Suppression of the AvrBs1-specific hypersensitive response by the YopJ effector homolog AvrBsT from <i>Xanthomonas</i> depends on a SNF1-related kinase. <i>New Phytologist</i> , 2010, 187, 1058-1074.	7.3	112
12	Who comes first? How plant pathogenic bacteria orchestrate type III secretion. <i>Current Opinion in Microbiology</i> , 2006, 9, 193-200.	5.1	103
13	<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Secretes Proteases and Xylanases via the Xps Type II Secretion System and Outer Membrane Vesicles. <i>Journal of Bacteriology</i> , 2015, 197, 2879-2893.	2.2	91
14	Analysis of new type III effectors from <i>Xanthomonas</i> uncovers XopB and XopS as suppressors of plant immunity. <i>New Phytologist</i> , 2012, 195, 894-911.	7.3	85
15	XopC and XopJ, Two Novel Type III Effector Proteins from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Journal of Bacteriology</i> , 2003, 185, 7092-7102.	2.2	82
16	HpaB from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> acts as an exit control protein in type III-dependent protein secretion. <i>Molecular Microbiology</i> , 2004, 54, 755-768.	2.5	82
17	Targeting of two effector protein classes to the type III secretion system by a HpaC- and HpaB-dependent protein complex from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Molecular Microbiology</i> , 2006, 59, 513-527.	2.5	61
18	Functional Characterization of the Type III Secretion ATPase HrcN from the Plant Pathogen <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Journal of Bacteriology</i> , 2009, 191, 1414-1428.	2.2	59

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19	The xylan utilization system of the plant pathogen <i>Xanthomonas campestris</i> pv. <i>campestris</i> controls epiphytic life and reveals common features with oligotrophic bacteria and animal gut symbionts. <i>New Phytologist</i> , 2013, 198, 899-915.	7.3	59
20	Genomic approaches in <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> allow fishing for virulence genes. <i>Journal of Biotechnology</i> , 2003, 106, 203-214.	3.8	42
21	HpaA from <i>Xanthomonas</i> is a regulator of type III secretion. <i>Molecular Microbiology</i> , 2008, 69, 344-360.	2.5	41
22	Characterization of the Nonconserved HpaB-hrpF Region in the hrp Pathogenicity Island from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1063-1074.	2.6	39
23	HpaC Controls Substrate Specificity of the <i>Xanthomonas</i> Type III Secretion System. <i>PLoS Pathogens</i> , 2008, 4, e1000094.	4.7	39
24	The Inner Membrane Protein HrcV from <i>Xanthomonas</i> spp. Is Involved in Substrate Docking During Type III Secretion. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1176-1189.	2.6	29
25	HrcQ Provides a Docking Site for Early and Late Type III Secretion Substrates from <i>Xanthomonas</i> . <i>PLoS ONE</i> , 2012, 7, e51063.	2.5	26
26	Secretion of early and late substrates of the type III secretion system from <i>Xanthomonas</i> is controlled by HpaC and the C-terminal domain of HrcU. <i>Molecular Microbiology</i> , 2011, 79, 447-467.	2.5	24
27	The TAL Effector AvrBs3 from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Contains Multiple Export Signals and Can Enter Plant Cells in the Absence of the Type III Secretion Translocon. <i>Frontiers in Microbiology</i> , 2017, 8, 2180.	3.5	21
28	Characterization of HrpB2 from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> identifies protein regions that are essential for type III secretion pilus formation. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1334-1349.	1.8	19
29	Functional Characterization of the Type III Secretion Substrate Specificity Switch Protein HpaC from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Infection and Immunity</i> , 2011, 79, 2998-3011.	2.2	17
30	The Predicted Lytic Transglycosylase HpaH from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Associates with the Type III Secretion System and Promotes Effector Protein Translocation. <i>Infection and Immunity</i> , 2017, 85, .	2.2	15
31	The Periplasmic HrpB1 Protein from <i>Xanthomonas</i> spp. Binds to Peptidoglycan and to Components of the Type III Secretion System. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6312-6324.	3.1	13
32	Aconitase B Is Required for Optimal Growth of <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> in Pepper Plants. <i>PLoS ONE</i> , 2012, 7, e34941.	2.5	12
33	HpaB-Dependent Secretion of Type III Effectors in the Plant Pathogens <i>Ralstonia solanacearum</i> and <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Scientific Reports</i> , 2017, 7, 4879.	3.3	12
34	The Type III Secretion Chaperone HpaB Controls the Translocation of Effector and Noneffector Proteins From <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 61-74.	2.6	10
35	The YscU/FlhB homologue HrcU from <i>Xanthomonas</i> controls type III secretion and translocation of early and late substrates. <i>Microbiology (United Kingdom)</i> , 2014, 160, 576-588.	1.8	9
36	Type III-Dependent Translocation of HrpB2 by a Nonpathogenic hpaABC Mutant of the Plant-Pathogenic Bacterium <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 3331-3347.	3.1	8

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37	HrpB7 from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> is an essential component of the type III secretion system and shares features of HrpO/FliJ/YscO family members. <i>Cellular Microbiology</i> , 2020, 22, e13160.	2.1	7
38	Modular Cloning of the Type III Secretion Gene Cluster from the Plant-Pathogenic Bacterium <i>Xanthomonas euvesicatoria</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 532-547.	3.8	6
39	<i>HrpB4</i> from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> acts similarly to <i>SctK</i> proteins and promotes the docking of the predicted sorting platform to the type III secretion system. <i>Cellular Microbiology</i> , 2021, 23, e13327.	2.1	6
40	A TAL-Based Reporter Assay for Monitoring Type III-Dependent Protein Translocation in <i>Xanthomonas</i> . <i>Methods in Molecular Biology</i> , 2017, 1531, 121-139.	0.9	4
41	The Contribution of the Predicted Sorting Platform Component HrcQ to Type III Secretion in <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Depends on an Internal Translation Start Site. <i>Frontiers in Microbiology</i> , 2021, 12, 752733.	3.5	2
42	Genetic Dissection of the Interaction Between the Plant Pathogen <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> and Its Host Plants. , 2008, , 151-160.		0