Daniela BÃ¼ttner

List of Publications by Year
in descending order

42 papers	3,555 citations	257450 24 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	2877 citing authors

#	Article	IF	Citations
1	<scp>HrpB4</scp> from <i>Xanthomonas campestris pv</i> . <i>vesicatoria</i> acts similarly to <scp>SctK</scp> proteins and promotes the docking of the predicted sorting platform to the type <scp>III</scp> secretion system. Cellular Microbiology, 2021, 23, e13327.	2.1	6
2	The Contribution of the Predicted Sorting Platform Component HrcQ to Type III Secretion in Xanthomonas campestris pv. vesicatoria Depends on an Internal Translation Start Site. Frontiers in Microbiology, 2021, 12, 752733.	3.5	2
3	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. Cellular Microbiology, 2020, 22, e13160.	2.1	7
4	Modular Cloning of the Type III Secretion Gene Cluster from the Plant-Pathogenic Bacterium <i>Xanthomonas euvesicatoria</i>. ACS Synthetic Biology, 2019, 8, 532-547.	3.8	6
5	The Type III Secretion Chaperone HpaB Controls the Translocation of Effector and Noneffector Proteins From Xanthomonas campestris pv. vesicatoria. Molecular Plant-Microbe Interactions, 2018, 31, 61-74.	2.6	10
6	The Predicted Lytic Transglycosylase HpaH from Xanthomonas campestris pv. vesicatoria Associates with the Type III Secretion System and Promotes Effector Protein Translocation. Infection and Immunity, 2017, 85, .	2.2	15
7	HpaB-Dependent Secretion of Type III Effectors in the Plant Pathogens Ralstonia solanacearum and Xanthomonas campestris pv. vesicatoria. Scientific Reports, 2017, 7, 4879.	3.3	12
8	A TAL-Based Reporter Assay for Monitoring Type III-Dependent Protein Translocation in Xanthomonas. Methods in Molecular Biology, 2017, 1531, 121-139.	0.9	4
9	The TAL Effector AvrBs3 from Xanthomonas campestris pv. vesicatoria Contains Multiple Export Signals and Can Enter Plant Cells in the Absence of the Type III Secretion Translocon. Frontiers in Microbiology, 2017, 8, 2180.	3.5	21
10	Type III-Dependent Translocation of HrpB2 by a Nonpathogenic <i>hpaABC</i> Mutant of the Plant-Pathogenic Bacterium Xanthomonas campestris pv. vesicatoria. Applied and Environmental Microbiology, 2016, 82, 3331-3347.	3.1	8
11	Behind the linesâ€“actions of bacterial type III effector proteins in plant cells. FEMS Microbiology Reviews, 2016, 40, 894-937.	8.6	260
12	Xanthomonas campestris pv. vesicatoria Secretes Proteases and Xylanases via the Xps Type II Secretion System and Outer Membrane Vesicles. Journal of Bacteriology, 2015, 197, 2879-2893.	2.2	91
13	The YscU/FlhB homologue HrcU from Xanthomonas controls type III secretion and translocation of early and late substrates. Microbiology (United Kingdom), 2014, 160, 576-588.	1.8	9
14	The Inner Membrane Protein HrcV from <i>Xanthomonas</i> spp. Is Involved in Substrate Docking During Type III Secretion. Molecular Plant-Microbe Interactions, 2013, 26, 1176-1189.	2.6	29
15	The xylan utilization system of the plant pathogen <i><scp>X</scp>anthomonas campestris</i> pv <i>campestris</i> controls epiphytic life and reveals common features with oligotrophic bacteria and animal gut symbionts. New Phytologist, 2013, 198, 899-915.	7.3	59
16	The Periplasmic HrpB1 Protein from Xanthomonas spp. Binds to Peptidoglycan and to Components of the Type III Secretion System. Applied and Environmental Microbiology, 2013, 79, 6312-6324.	3.1	13
17	Characterization of HrpB2 from Xanthomonas campestris pv. vesicatoria identifies protein regions that are essential for type III secretion pilus formation. Microbiology (United Kingdom), 2012, 158, 1334-1349.	1.8	19
18	Protein Export According to Schedule: Architecture, Assembly, and Regulation of Type III Secretion Systems from Plant- and Animal-Pathogenic Bacteria. Microbiology and Molecular Biology Reviews, 2012, 76, 262-310.	6.6	362

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19	Analysis of new type III effectors from <i>Xanthomonas</i> uncovers XopB and XopS as suppressors of plant immunity. New Phytologist, 2012, 195, 894-911.	7.3	85
20	Aconitase B Is Required for Optimal Growth of Xanthomonas campestris pv. vesicatoria in Pepper Plants. PLoS ONE, 2012, 7, e34941.	2.5	12
21	HrcQ Provides a Docking Site for Early and Late Type III Secretion Substrates from Xanthomonas. PLoS ONE, 2012, 7, e51063.	2.5	26
22	Secretion of early and late substrates of the type III secretion system from <i>Xanthomonas</i> is controlled by HpaC and the Câ€terminal domain of HrcU. Molecular Microbiology, 2011, 79, 447-467.	2.5	24
23	Functional Characterization of the Type III Secretion Substrate Specificity Switch Protein HpaC from Xanthomonas campestris pv. vesicatoria. Infection and Immunity, 2011, 79, 2998-3011.	2.2	17
24	Functional characterization of the Xcs and Xps type II secretion systems from the plant pathogenic bacterium <i>Xanthomonas campestris</i> pv <i>vesicatoria</i>. New Phytologist, 2010, 187, 983-1002.	7.3	114
25	Suppression of the AvrBs1â€specific hypersensitive response by the YopJ effector homolog AvrBsT from<i>Xanthomonas</i>depends on a SNF1â€related kinase. New Phytologist, 2010, 187, 1058-1074.	7.3	112
26	Regulation and secretion of<i>Xanthomonas</i>virulence factors. FEMS Microbiology Reviews, 2010, 34, 107-133.	8.6	426
27	Functional Characterization of the Type III Secretion ATPase HrcN from the Plant Pathogen Xanthomonas campestris pv. vesicatoria. Journal of Bacteriology, 2009, 191, 1414-1428.	2.2	59
28	Type III Protein Secretion in Plant Pathogenic Bacteria. Plant Physiology, 2009, 150, 1656-1664.	4.8	275
29	HpaA from <i>Xanthomonas</i> is a regulator of type III secretion. Molecular Microbiology, 2008, 69, 344-360.	2.5	41
30	HpaC Controls Substrate Specificity of the Xanthomonas Type III Secretion System. PLoS Pathogens, 2008, 4, e1000094.	4.7	39
31	Genetic Dissection of the Interaction Between the Plant Pathogen Xanthomonas campestris pv. vesicatoria and Its Host Plants. , 2008, , 151-160.		0
32	Characterization of the Nonconserved <i>hpaB-hrpF</i> Region in the <i>hrp</i> Pathogenicity Island from <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>. Molecular Plant-Microbe Interactions, 2007, 20, 1063-1074.	2.6	39
33	Who comes first? How plant pathogenic bacteria orchestrate type III secretion. Current Opinion in Microbiology, 2006, 9, 193-200.	5.1	103
34	Targeting of two effector protein classes to the type III secretion system by a HpaC- and HpaB-dependent protein complex fromXanthomonas campestrispv.vesicatoria. Molecular Microbiology, 2006, 59, 513-527.	2.5	61
35	Insights into Genome Plasticity and Pathogenicity of the Plant Pathogenic Bacterium Xanthomonas campestris pv. vesicatoria Revealed by the Complete Genome Sequence. Journal of Bacteriology, 2005, 187, 7254-7266.	2.2	321
36	HpaB from Xanthomonas campestris pv. vesicatoria acts as an exit control protein in type III-dependent protein secretion. Molecular Microbiology, 2004, 54, 755-768.	2.5	82

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37	Common infection strategies of plant and animal pathogenic bacteria. Current Opinion in Plant Biology, 2003, 6, 312-319.	7.1	116
38	Genomic approaches in Xanthomonas campestris pv. vesicatoria allow fishing for virulence genes. Journal of Biotechnology, 2003, 106, 203-214.	3.8	42
39	XopC and XopJ, Two Novel Type III Effector Proteinsfrom Xanthomonas campestris pv.vesicatoria. Journal of Bacteriology, 2003, 185, 7092-7102.	2.2	82
40	Functional Analysis of HrpF, a Putative Type III Translocon Protein from Xanthomonas campestris pv. vesicatoria. Journal of Bacteriology, 2002, 184, 2389-2398.	2.2	141
41	Port of entry â€" the type III secretion translocon. Trends in Microbiology, 2002, 10, 186-192.	7.7	202
42	NEW EMBO MEMBER'S REVIEW: Getting across--bacterial type III effector proteins on their way to the plant cell. EMBO Journal, 2002, 21, 5313-5322.	7.8	203