Subhadeep Chatterjee

List of Publications by Year
in descending order

31 papers	1,671 citations	331642 21 h-index	477281 29 g-index
32 all docs	32 docs citations	32 times ranked	1565 citing authors

#	Article	IF	Citations
1	Living in two Worlds: The Plant and Insect Lifestyles of<i>Xylella fastidiosa</i>. Annual Review of Phytopathology, 2008, 46, 243-271.	7.8	354
2	A cellâ€“cell signaling sensor is required for virulence and insect transmission of <i>Xylella fastidiosa</i>. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2670-2675.	7.1	156
3	rpfF Mutants of Xanthomonas oryzae pv. oryzae Are Deficient for Virulence and Growth Under Low Iron Conditions. Molecular Plant-Microbe Interactions, 2002, 15, 463-471.	2.6	110
4	Virulence of Plant Pathogenic Bacteria Attenuated by Degradation of Fatty Acid Cell-to-Cell Signaling Factors. Molecular Plant-Microbe Interactions, 2008, 21, 326-334.	2.6	100
5	Cell-to-Cell Signaling in<i>Xylella fastidiosa</i>Suppresses Movement and Xylem Vessel Colonization in Grape. Molecular Plant-Microbe Interactions, 2008, 21, 1309-1315.	2.6	94
6	Production of <i>Xylella fastidiosa</i> Diffusible Signal Factor in Transgenic Grape Causes Pathogen Confusion and Reduction in Severity of Pierce's Disease. Molecular Plant-Microbe Interactions, 2014, 27, 244-254.	2.6	75
7	<i>Xanthomonas campestris</i>cellâ€“cell signalling molecule DSF (diffusible signal factor) elicits innate immunity in plants and is suppressed by the exopolysaccharide xanthan. Journal of Experimental Botany, 2015, 66, 6697-6714.	4.8	71
8	Co-regulation of Iron Metabolism and Virulence Associated Functions by Iron and XibR, a Novel Iron Binding Transcription Factor, in the Plant Pathogen Xanthomonas. PLoS Pathogens, 2016, 12, e1006019.	4.7	64
9	A Novel Regulatory Role of HrpD6 in Regulating <i>hrp-hrc-hpa</i> Genes in <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i>. Molecular Plant-Microbe Interactions, 2011, 24, 1086-1101.	2.6	63
10	Characterization of a Diffusible Signaling Factor from Xylella fastidiosa. MBio, 2013, 4, e00539-12.	4.1	58
11	Atypical Regulation of Virulence-Associated Functions by a Diffusible Signal Factor in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>. Molecular Plant-Microbe Interactions, 2012, 25, 789-801.	2.6	55
12	Xanthoferrin, the Î±â€hydroxycarboxylateâ€type siderophore of <i>Xanthomonas campestris</i> pv. <i>campestris</i>, is required for optimum virulence and growth inside cabbage. Molecular Plant Pathology, 2017, 18, 949-962.	4.2	54
13	Contribution of rpfB to Cell-to-Cell Signal Synthesis, Virulence, and Vector Transmission of Xylella fastidiosa. Molecular Plant-Microbe Interactions, 2012, 25, 453-462.	2.6	46
14	Role of Cyclic di-GMP in <i>Xylella fastidiosa</i> Biofilm Formation, Plant Virulence, and Insect Transmission. Molecular Plant-Microbe Interactions, 2010, 23, 1356-1363.	2.6	42
15	Update on Bacterial Blight of Rice: Fourth International Conference on Bacterial Blight. Rice, 2014, 7, 12.	4.0	41
16	<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> chemotaxis components and chemoreceptor Mcp2 are involved in the sensing of constituents of xylem sap and contribute to the regulation of virulenceâ€associated functions and entry into rice. Molecular Plant Pathology, 2018, 19, 2397-2415.	4.2	41
17	Reversible nonâ€genetic phenotypic heterogeneity in bacterial quorum sensing. Molecular Microbiology, 2014, 92, 557-569.	2.5	39
18	PhyA, a Secreted Protein of Xanthomonas oryzae pv. oryzae, Is Required for Optimum Virulence and Growth on Phytic Acid as a Sole Phosphate Source. Molecular Plant-Microbe Interactions, 2003, 16, 973-982.	2.6	38

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19	Cellâ€“cell signalling promotes ferric iron uptake in <scp><i>X</i></scp><i>anthomonas oryzae</i> pv. <i>oryzicola</i> that contribute to its virulence and growth inside rice. Molecular Microbiology, 2015, 96, 708-727.	2.5	38
20	Bacterial cyclic Î²â€(1,2)â€glucans sequester iron to protect against ironâ€induced toxicity. EMBO Reports, 2018, 19, 172-186.	4.5	33
21	XadM, a Novel Adhesin of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>, Exhibits Similarity to Rhs Family Proteins and Is Required for Optimum Attachment, Biofilm Formation, and Virulence. Molecular Plant-Microbe Interactions, 2012, 25, 1157-1170.	2.6	31
22	New insight into bacterial social communication in natural host: Evidence for interplay of heterogeneous and unison quorum response. PLoS Genetics, 2019, 15, e1008395.	3.5	19
23	A Bacteriophytochrome Mediates Interplay between Light Sensing and the Second Messenger Cyclic Di-GMP to Control Social Behavior and Virulence. Cell Reports, 2020, 32, 108202.	6.4	15
24	The diffusible signal factor synthase, RpfF, in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> is required for the maintenance of membrane integrity and virulence. Molecular Plant Pathology, 2022, 23, 118-132.	4.2	10
25	Lowâ€iron conditions induces the hypersensitive reaction and pathogenicity <i>hrp</i> genes expression in <i>Xanthomonas</i> and is involved in modulation of hypersensitive response and virulence. Environmental Microbiology Reports, 2018, 10, 522-531.	2.4	9
26	Transition of a solitary to a biofilm community life style in bacteria: a survival strategy with division of labour. International Journal of Developmental Biology, 2020, 64, 259-265.	0.6	7
27	Insights into the Cell-to-Cell Signaling and Iron Homeostasis in <i>Xanthomonas</i> Virulence and Lifestyle. Phytopathology, 2022, 112, 209-218.	2.2	3
28	Interplay between the cyclic diâ€GMP network and the cellâ€“cell signalling components coordinates virulenceâ€associated functions in Xanthomonas oryzae pv. oryzae. Environmental Microbiology, 2021, 23, 5433-5462.	3.8	2
29	Xanthoferrin Siderophore Estimation from the Cell-free Culture Supernatants of Different Xanthomonas Strains by HPLC. Bio-protocol, 2017, 7, e2410.	0.4	2
30	Fatal attraction: bacteria exploit fungal heterokaryon incompatibility to obtain nutrients. Journal of Biosciences, 2010, 35, 329-330.	1.1	0
31	Bacterial quorum sensing facilitates <i>Xanthomonas campesteris</i> pv. <i>campestris</i> invasion of host tissue to maximize disease symptoms. Journal of Experimental Botany, 2021, 72, 6524-6543.	4.8	0