

Benoit Lacroix

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

821
citations

759233

12
h-index

752698

20
g-index

82
all docs

82
docs citations

82
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	A case of promiscuity: <i>Agrobacterium</i> 's endless hunt for new partners. <i>Trends in Genetics</i> , 2006, 22, 29-37.	6.7	164
2	Transfer of DNA from Bacteria to Eukaryotes. <i>MBio</i> , 2016, 7, .	4.1	112
3	The VirE3 protein of <i>Agrobacterium</i> mimics a host cell function required for plant genetic transformation. <i>EMBO Journal</i> , 2005, 24, 428-437.	7.8	109
4	The roles of bacterial and host plant factors in <i>Agrobacterium</i> -mediated genetic transformation. <i>International Journal of Developmental Biology</i> , 2013, 57, 467-481.	0.6	91
5	Association of the <i>Agrobacterium</i> T-DNA "protein complex with plant nucleosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15429-15434.	7.1	69
6	Pathways of DNA Transfer to Plants from <i>Agrobacterium tumefaciens</i> and Related Bacterial Species. <i>Annual Review of Phytopathology</i> , 2019, 57, 231-251.	7.8	62
7	A Functional Bacterium-to-Plant DNA Transfer Machinery of <i>Rhizobium etli</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005502.	4.7	50
8	Biolistic Approach for Transient Gene Expression Studies in Plants. <i>Methods in Molecular Biology</i> , 2020, 2124, 125-139.	0.9	28
9	Extracellular VirB5 Enhances T-DNA Transfer from <i>Agrobacterium</i> to the Host Plant. <i>PLoS ONE</i> , 2011, 6, e25578.	2.5	20
10	Characterization of VIP1 activity as a transcriptional regulator in vitro and in planta. <i>Scientific Reports</i> , 2013, 3, 2440.	3.3	19
11	Beyond <i>Agrobacterium</i> -Mediated Transformation: Horizontal Gene Transfer from Bacteria to Eukaryotes. <i>Current Topics in Microbiology and Immunology</i> , 2018, 418, 443-462.	1.1	17
12	The <i>Agrobacterium</i> VirE2 effector interacts with multiple members of the <i>Arabidopsis</i> VIP1 protein family. <i>Molecular Plant Pathology</i> , 2018, 19, 1172-1183.	4.2	13
13	Histone Deubiquitinase OTU1 Epigenetically Regulates DA1 and DA2, Which Control <i>Arabidopsis</i> Seed and Organ Size. <i>IScience</i> , 2020, 23, 100948.	4.1	13
14	Nopaline-type Ti plasmid of <i>Agrobacterium</i> encodes a VirF-like functional F-box protein. <i>Scientific Reports</i> , 2015, 5, 16610.	3.3	11
15	Recent Patents on <i>Agrobacterium</i> -Mediated Gene and Protein Transfer, for Research and Biotechnology. <i>Recent Patents on DNA & Gene Sequences</i> , 2008, 2, 69-81.	0.7	10
16	Transcriptional Activation of Virulence Genes of <i>Rhizobium etli</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	10
17	<i>Agrobacterium</i> aiming for the host chromatin. <i>Communicative and Integrative Biology</i> , 2009, 2, 42-45.	1.4	9
18	A mutation in negative regulator of basal resistance WRKY17 of <i>Arabidopsis</i> increases susceptibility to <i>Agrobacterium</i> -mediated genetic transformation. <i>F1000Research</i> , 2013, 2, 33.	1.6	6

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19	<i>Agrobacterium</i> ... DNA encoded protein <i>Atu6002</i> interferes with the host auxin response. <i>Molecular Plant Pathology</i> , 2014, 15, 275-283.	4.2	3
20	Modulation of plant DNA damage response gene expression during <i>Agrobacterium</i> infection. <i>Biochemical and Biophysical Research Communications</i> , 2021, 554, 7-12.	2.1	3
21	Host Factors Involved in Genetic Transformation of Plant Cells by <i>Agrobacterium</i> . , 2011, , 1-29.		2