

Nã°ria S Coll

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

8,212
citations

201674

27
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214800

47
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docs citations

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times ranked

18242
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#	ARTICLE	IF	CITATIONS
1	Different epitopes of <i>Ralstonia solanacearum</i> effector RipAW are recognized by two <i>Nicotiana</i> species and trigger immune responses. <i>Molecular Plant Pathology</i> , 2022, 23, 188-203.	4.2	9
2	Induced ligno-Suberin vascular coating and tyramine-derived hydroxycinnamic acid amides restrict <i>Ralstonia solanacearum</i> colonization in resistant tomato. <i>New Phytologist</i> , 2022, 234, 1411-1429.	7.3	26
3	Robust transcriptional indicators of immune cell death revealed by spatiotemporal transcriptome analyses. <i>Molecular Plant</i> , 2022, 15, 1059-1075.	8.3	17
4	Detection and Quantification of the Hypersensitive Response Cell Death in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2022, 2447, 193-204.	0.9	2
5	Blocking intruders: inducible physico-chemical barriers against plant vascular wilt pathogens. <i>Journal of Experimental Botany</i> , 2021, 72, 184-198.	4.8	62
6	Dynamic expression of <i>Ralstonia solanacearum</i> virulence factors and metabolism-controlling genes during plant infection. <i>BMC Genomics</i> , 2021, 22, 170.	2.8	32
7	A genome-wide association study reveals cytokinin as a major component in the root defense responses against <i>Ralstonia solanacearum</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 2727-2740.	4.8	12
8	Molecular Detection of <i>Ralstonia solanacearum</i> to Facilitate Breeding for Resistance to Bacterial Wilt in Potato. <i>Methods in Molecular Biology</i> , 2021, 2354, 375-385.	0.9	1
9	The Bacterial Wilt Reservoir Host <i>Solanum dulcamara</i> Shows Resistance to <i>Ralstonia solanacearum</i> Infection. <i>Frontiers in Plant Science</i> , 2021, 12, 755708.	3.6	7
10	Cell Death in Plant Immunity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036483.	5.5	67
11	Four bottlenecks restrict colonization and invasion by the pathogen <i>Ralstonia solanacearum</i> in resistant tomato. <i>Journal of Experimental Botany</i> , 2020, 71, 2157-2171.	4.8	46
12	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. <i>Molecular Cell</i> , 2020, 77, 927-929.	9.7	71
13	Twitching and Swimming Motility Play a Role in <i>Ralstonia solanacearum</i> Pathogenicity. <i>MSphere</i> , 2020, 5, .	2.9	40
14	Type III secretion inhibitors for the management of bacterial plant diseases. <i>Molecular Plant Pathology</i> , 2019, 20, 20-32.	4.2	31
15	Plant proteases in the control of the hypersensitive response. <i>Journal of Experimental Botany</i> , 2019, 70, 2087-2095.	4.8	62
16	Deep Sequencing Reveals Early Reprogramming of <i>Arabidopsis</i> Root Transcriptomes Upon <i>Ralstonia solanacearum</i> Infection. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 813-827.	2.6	24
17	A quick and efficient hydroponic potato infection method for evaluating potato resistance and <i>Ralstonia solanacearum</i> virulence. <i>Plant Methods</i> , 2019, 15, 145.	4.3	9
18	Enhancing Localized Pesticide Action through Plant Foliage by Silver-Cellulose Hybrid Patches. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 413-419.	5.2	20

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19	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. <i>Journal of Experimental Botany</i> , 2018, 69, 1335-1353.	4.8	97
20	Protease Activities Triggered by <i>Ralstonia solanacearum</i> Infection in Susceptible and Tolerant Tomato Lines. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1112-1125.	3.8	24
21	At<scp>SERPIN</scp> 1 is an inhibitor of the metacaspase At<scp>MC</scp> 1-mediated cell death and autocatalytic processing <i>in planta</i>. <i>New Phytologist</i> , 2018, 218, 1156-1166.	7.3	47
22	Type III Secretion-Dependent and -Independent Phenotypes Caused by <i>Ralstonia solanacearum</i> in <i>Arabidopsis</i> Roots. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 175-184.	2.6	19
23	Metacaspases versus caspases in development and cell fate regulation. <i>Cell Death and Differentiation</i> , 2017, 24, 1314-1325.	11.2	75
24	Autophagy as an emerging arena for plant-pathogen interactions. <i>Current Opinion in Plant Biology</i> , 2017, 38, 117-123.	7.1	88
25	Dying two deaths - programmed cell death regulation in development and disease. <i>Current Opinion in Plant Biology</i> , 2017, 35, 37-44.	7.1	161
26	Transcriptomes of <i>Ralstonia solanacearum</i> during Root Colonization of <i>Solanum commersonii</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 370.	3.6	30
27	The effector AWR5 from the plant pathogen <i>Ralstonia solanacearum</i> is an inhibitor of the TOR signalling pathway. <i>Scientific Reports</i> , 2016, 6, 27058.	3.3	61
28	Protease signaling in animal and plant-regulated cell death. <i>FEBS Journal</i> , 2016, 283, 2577-2598.	4.7	90
29	Detection and Quantification of Protein Aggregates in Plants. <i>Methods in Molecular Biology</i> , 2016, 1450, 195-203.	0.9	4
30	Complete genome sequence of the potato pathogen <i>Ralstonia solanacearum</i> UY031. <i>Standards in Genomic Sciences</i> , 2016, 11, 7.	1.5	26
31	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
32	Yeast as a Heterologous Model System to Uncover Type III Effector Function. <i>PLoS Pathogens</i> , 2016, 12, e1005360.	4.7	27
33	Transcriptome responses to <i>Ralstonia solanacearum</i> infection in the roots of the wild potato <i>Solanum commersonii</i> . <i>BMC Genomics</i> , 2015, 16, 246.	2.8	85
34	A conserved core of PCD indicator genes discriminates developmentally and environmentally induced programmed cell death in plants. <i>Plant Physiology</i> , 2015, 169, pp.00769.2015.	4.8	141
35	Plant innate immunity - sunny side up?. <i>Trends in Plant Science</i> , 2015, 20, 3-11.	8.8	193
36	A Novel, Sensitive Method to Evaluate Potato Germplasm for Bacterial Wilt Resistance Using a Luminescent<i>Ralstonia solanacearum</i> Reporter Strain. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 277-285.	2.6	57

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37	The plant metacaspase AtMC1 in pathogen-triggered programmed cell death and aging: functional linkage with autophagy. <i>Cell Death and Differentiation</i> , 2014, 21, 1399-1408.	11.2	119
38	Current knowledge on the <i>Ralstonia solanacearum</i> type III secretion system. <i>Microbial Biotechnology</i> , 2013, 6, 614-620.	4.2	95
39	Programmed cell death in the plant immune system. <i>Cell Death and Differentiation</i> , 2011, 18, 1247-1256.	11.2	846
40	<i>Arabidopsis</i> Type I Metacaspases Control Cell Death. <i>Science</i> , 2010, 330, 1393-1397.	12.6	376
41	Characterization of soldat8, a Suppressor of Singlet Oxygen-Induced Cell Death in <i>Arabidopsis</i> Seedlings. <i>Plant and Cell Physiology</i> , 2009, 50, 707-718.	3.1	45
42	A mutation in the <i>Arabidopsis</i> mTERF-related plastid protein SOLDAT10 activates retrograde signaling and suppresses O ₂ -induced cell death. <i>Plant Journal</i> , 2009, 60, 399-410.	5.7	87
43	Cryptochrome-1-dependent execution of programmed cell death induced by singlet oxygen in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17036-17041.	7.1	107