Maeli Melotto

List of Publications by Year
in descending order

67 papers	7,525 citations	159585 30 h-index	138484 58 g-index
68 all docs	68 docs citations	68 times ranked	7327 citing authors

#	Article	IF	Citations
1	Editorial: Breeding Crops for Enhanced Food Safety. Frontiers in Microbiology, 2022, 13, 871247.	3.5	0
2	Pseudomonas phaseolicola preferentially modulates genes encoding leucine-rich repeat and malectin domains in the bean landrace G2333. Planta, 2022, 256, .	3.2	1
3	Spatiotemporal regulation of <i>JAZ4</i> expression and splicing contribute to ethyleneâ€•and auxinâ€mediated responses in Arabidopsis roots. Plant Journal, 2021, 108, 1266-1282.	5.7	4
4	Dual transcriptomic analysis reveals metabolic changes associated with differential persistence of human pathogenic bacteria in leaves of Arabidopsis and lettuce. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	5
5	Determination of Salmonella enterica Leaf Internalization Varies Substantially According to the Method and Conditions Used to Assess Bacterial Localization. Frontiers in Microbiology, 2021, 12, 622068.	3.5	4
6	JAZ4 is involved in plant defense, growth, and development in Arabidopsis. Plant Journal, 2020, 101, 371-383.	5.7	42
7	Novel molecular components involved in callose-mediated Arabidopsis defense against Salmonella enterica and Escherichia coli O157:H7. BMC Plant Biology, 2020, 20, 16.	3.6	14
8	A Simple Assay to Assess Salmonella enterica Persistence in Lettuce Leaves After Low Inoculation Dose. Frontiers in Microbiology, 2020, 11, 1516.	3.5	2
9	Genomeâ€wide association study of resistance to anthracnose and angular leaf spot in Brazilian Mesoamerican and Andean common bean cultivars. Crop Science, 2020, 60, 2931-2950.	1.8	14
10	New Andean source of resistance to anthracnose and angular leaf spot: Fine-mapping of disease-resistance genes in California Dark Red Kidney common bean cultivar. PLoS ONE, 2020, 15, e0235215.	2.5	35
11	Salmonella enterica Serovar Typhimurium 14028s Genomic Regions Required for Colonization of Lettuce Leaves. Frontiers in Microbiology, 2020, 11, 6.	3.5	9
12	<i>Citrus reticulata</i> CrRAP2.2 Transcriptional Factor Shares Similar Functions to the <i>Arabidopsis</i> Homolog and Increases Resistance to <i>Xylella fastidiosa</i>. Molecular Plant-Microbe Interactions, 2020, 33, 519-527.	2.6	2
13	Breeding Crops for Enhanced Food Safety. Frontiers in Plant Science, 2020, 11, 428.	3.6	26
14	Title is missing!. , 2020, 15, e0235215.		0
15	Title is missing!. , 2020, 15, e0235215.		0
16	Title is missing!. , 2020, 15, e0235215.		0
17	Title is missing!. , 2020, 15, e0235215.		0
18	Common and unique Arabidopsis proteins involved in stomatal susceptibility to <i>Salmonella enterica</i> and <i>Pseudomonas syringae</i>. FEMS Microbiology Letters, 2019, 366, .	1.8	11

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19	Stomatal response and human pathogen persistence in leafy greens under preharvest and postharvest environmental conditions. Postharvest Biology and Technology, 2019, 148, 76-82.	6.0	22
20	Xylella fastidiosa subsp. pauca and fastidiosa Colonize Arabidopsis Systemically and Induce Anthocyanin Accumulation in Infected Leaves. Phytopathology, 2019, 109, 225-232.	2.2	12
21	Human Pathogen Colonization of Lettuce Dependent Upon Plant Genotype and Defense Response Activation. Frontiers in Plant Science, 2019, 10, 1769.	3.6	36
22	The common bean COKâ€4 and the Arabidopsis FER kinase domain share similar functions in plant growth and defence. Molecular Plant Pathology, 2018, 19, 1765-1778.	4.2	7
23	A Comprehensive <i>Arabidopsis</i> Yeast Two-Hybrid Library for Protein-Protein Interaction Studies: A Resource to the Plant Research Community. Molecular Plant-Microbe Interactions, 2018, 31, 899-902.	2.6	7
24	Novel Insights Into the Early Stages of Ratoon Stunting Disease of Sugarcane Inferred from Transcript and Protein Analysis. Phytopathology, 2018, 108, 1455-1466.	2.2	25
25	Jasmonate signaling and manipulation by pathogens and insects. Journal of Experimental Botany, 2017, 68, erw478.	4.8	214
26	Stomatal Bioassay to Characterize Bacterial-Stimulated PTI at the Pre-Invasion Phase of Infection. Methods in Molecular Biology, 2017, 1578, 233-241.	0.9	5
27	Stomatal Defense a Decade Later. Plant Physiology, 2017, 174, 561-571.	4.8	249
28	Stomate-based defense and environmental cues. Plant Signaling and Behavior, 2017, 12, e1362517.	2.4	30
29	An HPLC-based Method to Quantify Coronatine Production by Bacteria. Bio-protocol, 2017, 7, .	0.4	1
30	Surface Inoculation and Quantification of Pseudomonas syringae Population in the Arabidopsis Leaf Apoplast. Bio-protocol, 2017, 7, .	0.4	24
31	Coronatine Facilitates Pseudomonas syringae Infection of Arabidopsis Leaves at Night. Frontiers in Plant Science, 2016, 7, 880.	3.6	63
32	Regulation of Stomatal Defense by Air Relative Humidity. Plant Physiology, 2016, 172, 2021-2032.	4.8	41
33	Development of a qPCR for Leifsonia xyli subsp. xyli and quantification of the effects of heat treatment of sugarcane cuttings on Lxx. Crop Protection, 2016, 80, 51-55.	2.1	22
34	Common bean reaction to angular leaf spot comprises transcriptional modulation of genes in the ALS10.1 QTL. Frontiers in Plant Science, 2015, 6, 152.	3.6	20
35	The Co-4 locus on chromosome Pv08 contains a unique cluster of 18 COK-4 genes and is regulated by immune response in common bean. Theoretical and Applied Genetics, 2015, 128, 1193-1208.	3.6	40
36	Plant innate immunity against human bacterial pathogens. Frontiers in Microbiology, 2014, 5, 411.	3.5	52

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37	<i>Escherichia coli</i> O157:H7 Induces Stronger Plant Immunity than <i>Salmonella enterica</i> Typhimurium SL1344. Phytopathology, 2013, 103, 326-332.	2.2	75
38	Guard Cell Purification and RNA Isolation Suitable for High-Throughput Transcriptional Analysis of Cell-Type Responses to Biotic Stresses. Molecular Plant-Microbe Interactions, 2013, 26, 844-849.	2.6	40
39	Power Scavenging and Optical Absorbance Analysis of Photosynthetically Active Protoplasts. Journal of Energy Resources Technology, Transactions of the ASME, 2013, 135, .	2.3	1
40	Virulence Strategies of Plant Pathogenic Bacteria. , 2013, , 61-82.		15
41	Transcription factor-dependent nuclear localization of a transcriptional repressor in jasmonate hormone signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20148-20153.	7.1	98
42	Changes in spatial and temporal gene expression during incompatible interaction between common bean and anthracnose pathogen. Journal of Plant Physiology, 2012, 169, 1216-1220.	3.5	26
43	Dissecting Phaseolus vulgaris Innate Immune System against Colletotrichum lindemuthianum Infection. PLoS ONE, 2012, 7, e43161.	2.5	36
44	Assessing Stomatal Response to Live Bacterial Cells using Whole Leaf Imaging. Journal of Visualized Experiments, 2010, , .	0.3	35
45	Plant stomata: a checkpoint of host immunity and pathogen virulence. Current Opinion in Biotechnology, 2010, 21, 599-603.	6.6	202
46	Molecular battles between plant and pathogenic bacteria in the phyllosphere. Brazilian Journal of Medical and Biological Research, 2010, 43, 698-704.	1.5	34
47	Functional Analysis of the N Terminus of the Erwinia amylovora Secreted Effector DspA/E Reveals Features Required for Secretion, Translocation, and Binding to the Chaperone DspB/F. Molecular Plant-Microbe Interactions, 2009, 22, 1282-1292.	2.6	31
48	A critical role of two positively charged amino acids in the Jas motif of Arabidopsis JAZ proteins in mediating coronatineâ€•and jasmonoyl isoleucineâ€dependent interactions with the COI1 Fâ€box protein. Plant Journal, 2008, 55, 979-988.	5.7	334
49	Role of Stomata in Plant Innate Immunity and Foliar Bacterial Diseases. Annual Review of Phytopathology, 2008, 46, 101-122.	7.8	582
50	Genomics of Phaseolus Beans, a Major Source of Dietary Protein and Micronutrients in the Tropics. , 2008, , 113-143.		114
51	TRANSLOCATION AND CHAPERONE INTERACTION OF THE ERWINIA AMYLOVORA SECRETED EFFECTOR DspE. Acta Horticulturae, 2008, , 231-236.	0.2	2
52	Development, characterization, and comparative analysis of polymorphism at common bean SSR loci isolated from genic and genomic sources. Genome, 2007, 50, 266-277.	2.0	85
53	JAZ repressor proteins are targets of the SCFCOI1 complex during jasmonate signalling. Nature, 2007, 448, 661-665.	27.8	2,055
54	Role of plant stomata in bacterial invasion. Cellular Microbiology, 2007, 9, 1621-1629.	2.1	142

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55	Plant Stomata Function in Innate Immunity against Bacterial Invasion. Cell, 2006, 126, 969-980.	28.9	1,653
56	Suppression of host defense in compatible plantâ€“Pseudomonas syringae interactions. Current Opinion in Plant Biology, 2005, 8, 361-368.	7.1	259
57	Comparative bioinformatic analysis of genes expressed in common bean (Phaseolus vulgaris L.) seedlings. Genome, 2005, 48, 562-570.	2.0	50
58	Regulation of Plant Arginase by Wounding, Jasmonate, and the Phytotoxin Coronatine. Journal of Biological Chemistry, 2004, 279, 45998-46007.	3.4	136
59	The anthracnose resistance locus Co-4 of common bean is located on chromosome 3 and contains putative disease resistance-related genes. Theoretical and Applied Genetics, 2004, 109, 690-699.	3.6	50
60	A homolog of the RPS2 disease resistance gene is constitutively expressed in Brassica oleracea. Genetics and Molecular Biology, 2003, 26, 511-516.	1.3	3
61	Fine mapping of the Co-4 locus of common bean reveals a resistance gene candidate, COK-4, that encodes for a protein kinase. Theoretical and Applied Genetics, 2001, 103, 508-517.	3.6	57
62	Title is missing!. Euphytica, 2000, 116, 143-149.	1.2	74
63	EficiÃªncia simbiÃ³tica de estirpes Hup+, Hup hr e Hup- de Bradyrhizobium japonicum e Bradyrhizobium elkanii em cultivares de caupi. Pesquisa Agropecuaria Brasileira, 1999, 34, 1925-1931.	0.9	5
64	Marker-assisted dissection of the oligogenic anthracnose resistance in the common bean cultivar, â€˜G2333â€™. Theoretical and Applied Genetics, 1998, 96, 87-94.	3.6	147
65	Development of a SCAR marker linked to the <i>I</i> gene in common bean. Genome, 1996, 39, 1216-1219.	2.0	139
66	Crosstalk in Pathogen and Hormonal Regulation of Guard Cell Signaling. , 0, , 96-112.		6
67	The Farm-to-Fork Journey: Keeping Produce Fresh and Safe to Eat. Frontiers for Young Minds, 0, 10, .	0.8	0