

Andrea Chini

List of Publications by Year in descending order

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34
papers

6,518
citations

236925

25
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

5928
citing authors

#	ARTICLE	IF	CITATIONS
1	The JAZ family of repressors is the missing link in jasmonate signalling. <i>Nature</i> , 2007, 448, 666-671.	27.8	1,974
2	The <i>Arabidopsis</i> bHLH Transcription Factors MYC3 and MYC4 Are Targets of JAZ Repressors and Act Additively with MYC2 in the Activation of Jasmonate Responses. <i>Plant Cell</i> , 2011, 23, 701-715.	6.6	906
3	(+)-7-iso-Jasmonoyl-L-isoleucine is the endogenous bioactive jasmonate. <i>Nature Chemical Biology</i> , 2009, 5, 344-350.	8.0	822
4	Redundancy and specificity in jasmonate signalling. <i>Current Opinion in Plant Biology</i> , 2016, 33, 147-156.	7.1	295
5	The ZIM domain mediates homo- and heteromeric interactions between <i>Arabidopsis</i> JAZ proteins. <i>Plant Journal</i> , 2009, 59, 77-87.	5.7	257
6	Drought tolerance established by enhanced expression of the CC-NBS-LRR gene, ADR1, requires salicylic acid, EDS1 and ABI1. <i>Plant Journal</i> , 2004, 38, 810-822.	5.7	253
7	JAZ repressors set the rhythm in jasmonate signaling. <i>Current Opinion in Plant Biology</i> , 2008, 11, 486-494.	7.1	224
8	The Bacterial Effector HopX1 Targets JAZ Transcriptional Repressors to Activate Jasmonate Signaling and Promote Infection in <i>Arabidopsis</i> . <i>PLoS Biology</i> , 2014, 12, e1001792.	5.6	223
9	An OPR3-independent pathway uses 4,5-didehydrojasmonate for jasmonate synthesis. <i>Nature Chemical Biology</i> , 2018, 14, 171-178.	8.0	183
10	Plant oxylipins: COI1/JAZs/MYC2 as the core jasmonic acid signalling module. <i>FEBS Journal</i> , 2009, 276, 4682-4692.	4.7	181
11	Repression of Jasmonate-Dependent Defenses by Shade Involves Differential Regulation of Protein Stability of MYC Transcription Factors and Their JAZ Repressors in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1967-1980.	6.6	152
12	Targeted Activation Tagging of the <i>Arabidopsis</i> NBS-LRR gene, ADR1, Conveys Resistance to Virulent Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 669-680.	2.6	140
13	JAZ2 controls stomata dynamics during bacterial invasion. <i>New Phytologist</i> , 2017, 213, 1378-1392.	7.3	124
14	Identification of TIFY/JAZ family genes in <i>Solanum lycopersicum</i> and their regulation in response to abiotic stresses. <i>PLoS ONE</i> , 2017, 12, e0177381.	2.5	79
15	Rational design of a ligand-based antagonist of jasmonate perception. <i>Nature Chemical Biology</i> , 2014, 10, 671-676.	8.0	74
16	An Ancient COI1-Independent Function for Reactive Electrophilic Oxylipins in Thermotolerance. <i>Current Biology</i> , 2020, 30, 962-971.e3.	3.9	68
17	ADS1 encodes a MATE-transporter that negatively regulates plant disease resistance. <i>New Phytologist</i> , 2011, 192, 471-482.	7.3	62
18	Activation tagging in plants: a tool for gene discovery. <i>Functional and Integrative Genomics</i> , 2004, 4, 258-66.	3.5	59

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19	How Microbes Twist Jasmonate Signaling around Their Little Fingers. <i>Plants</i> , 2016, 5, 9.	3.5	58
20	Characterization of wheat (<i>Triticum aestivum</i>) TIFY family and role of <i>Triticum Durum</i> TdTIFY11a in salt stress tolerance. <i>PLoS ONE</i> , 2018, 13, e0200566.	2.5	53
21	Characterization of a Novel, Defense-Related <i>Arabidopsis</i> Mutant, <i>cir1</i> , Isolated By Luciferase Imaging. <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 557-566.	2.6	49
22	A rationally designed JAZ subtype-selective agonist of jasmonate perception. <i>Nature Communications</i> , 2018, 9, 3654.	12.8	47
23	The fungal phytotoxin lasiojasmonate A activates the plant jasmonic acid pathway. <i>Journal of Experimental Botany</i> , 2018, 69, 3095-3102.	4.8	41
24	Molecular locks and keys: the role of small molecules in phytohormone research. <i>Frontiers in Plant Science</i> , 2014, 5, 709.	3.6	35
25	An auxin controls bacterial antibiotics production. <i>Nucleic Acids Research</i> , 2018, 46, 11229-11238.	14.5	27
26	Motifs specific for the ADR1 NBS-LRR protein family in <i>Arabidopsis</i> are conserved among NBS-LRR sequences from both dicotyledonous and monocotyledonous plants. <i>Planta</i> , 2005, 221, 597-601.	3.2	21
27	Fungal Production and Manipulation of Plant Hormones. <i>Current Medicinal Chemistry</i> , 2018, 25, 253-267.	2.4	21
28	Application of Yeast-Two Hybrid Assay to Chemical Genomic Screens: A High-Throughput System to Identify Novel Molecules Modulating Plant Hormone Receptor Complexes. <i>Methods in Molecular Biology</i> , 2014, 1056, 35-43.	0.9	19
29	Carrot cells contain two <i>top1</i> genes having the coding capacity for two distinct DNA topoisomerases II. <i>Journal of Experimental Botany</i> , 2000, 51, 1979-1990.	4.8	17
30	Discovery of inhibitors of <i>Pseudomonas aeruginosa</i> virulence through the search for natural-like compounds with a dual role as inducers and substrates of efflux pumps. <i>Environmental Microbiology</i> , 2021, 23, 7396-7411.	3.8	16
31	A small molecule antagonizes jasmonic acid perception and auxin responses in vascular and nonvascular plants. <i>Plant Physiology</i> , 2021, 187, 1399-1413.	4.8	13
32	Genome wide identification of wheat and <i>Brachypodium</i> type one protein phosphatases and functional characterization of durum wheat TdPP1a. <i>PLoS ONE</i> , 2018, 13, e0191272.	2.5	12
33	Synthesis and mode of action studies of N -[(-)-jasmonyl]- S -tyrosin and ester seiridin jasmonate. <i>Phytochemistry</i> , 2018, 147, 132-139.	2.9	6
34	Application of Chemical Genomics to Plant-Bacteria Communication: A High-Throughput System to Identify Novel Molecules Modulating the Induction of Bacterial Virulence Genes by Plant Signals. <i>Methods in Molecular Biology</i> , 2017, 1610, 297-314.	0.9	5