Andrea Chini

List of Publications by Year
in descending order

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	Discovery of inhibitors of <scp><i>Pseudomonas aeruginosa</i></scp> virulence through the search for naturalâ€like compounds with a dual role as inducers and substrates of efflux pumps. Environmental Microbiology, 2021, 23, 7396-7411.	3.8	16
2	A small molecule antagonizes jasmonic acid perception and auxin responses in vascular and nonvascular plants. Plant Physiology, 2021, 187, 1399-1413.	4.8	13
3	An Ancient COI1-Independent Function for Reactive Electrophilic Oxylipins in Thermotolerance. Current Biology, 2020, 30, 962-971.e3.	3.9	68
4	An OPR3-independent pathway uses 4,5-didehydrojasmonate for jasmonate synthesis. Nature Chemical Biology, 2018, 14, 171-178.	8.0	183
5	Synthesis and mode of action studies of N -[(-)-jasmonyl]- S -tyrosin and ester seiridin jasmonate. Phytochemistry, 2018, 147, 132-139.	2.9	6
6	The fungal phytotoxin lasiojasmonate A activates the plant jasmonic acid pathway. Journal of Experimental Botany, 2018, 69, 3095-3102.	4.8	41
7	Fungal Production and Manipulation of Plant Hormones. Current Medicinal Chemistry, 2018, 25, 253-267.	2.4	21
8	An auxin controls bacterial antibiotics production. Nucleic Acids Research, 2018, 46, 11229-11238.	14.5	27
9	A rationally designed JAZ subtype-selective agonist of jasmonate perception. Nature Communications, 2018, 9, 3654.	12.8	47
10	Characterization of wheat (Triticum aestivum) TIFY family and role of Triticum Durum TdTIFY11a in salt stress tolerance. PLoS ONE, 2018, 13, e0200566.	2.5	53
11	Genome wide identification of wheat and Brachypodium type one protein phosphatases and functional characterization of durum wheat TdPP1a. PLoS ONE, 2018, 13, e0191272.	2.5	12
12	Application of Chemical Genomics to Plantâ€"Bacteria Communication: A High-Throughput System to Identify Novel Molecules Modulating the Induction of Bacterial Virulence Genes by Plant Signals. Methods in Molecular Biology, 2017, 1610, 297-314.	0.9	5
13	<scp>JAZ</scp>2 controls stomata dynamics during bacterial invasion. New Phytologist, 2017, 213, 1378-1392.	7.3	124
14	Identification of TIFY/JAZ family genes in Solanum lycopersicum and their regulation in response to abiotic stresses. PLoS ONE, 2017, 12, e0177381.	2.5	79
15	How Microbes Twist Jasmonate Signaling around Their Little Fingers. Plants, 2016, 5, 9.	3.5	58
16	Redundancy and specificity in jasmonate signalling. Current Opinion in Plant Biology, 2016, 33, 147-156.	7.1	295
17	Molecular locks and keys: the role of small molecules in phytohormone research. Frontiers in Plant Science, 2014, 5, 709.	3.6	35
18	The Bacterial Effector HopX1 Targets JAZ Transcriptional Repressors to Activate Jasmonate Signaling and Promote Infection in Arabidopsis. PLoS Biology, 2014, 12, e1001792.	5.6	223

#	Article	IF	Citations
19	Rational design of a ligand-based antagonist of jasmonate perception. Nature Chemical Biology, 2014, 10, 671-676.	8.0	74
20	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>. Plant Cell, 2014, 26, 1967-1980.	6.6	152
21	Application of Yeast-Two Hybrid Assay to Chemical Genomic Screens: A High-Throughput System to Identify Novel Molecules Modulating Plant Hormone Receptor Complexes. Methods in Molecular Biology, 2014, 1056, 35-43.	0.9	19
22	ADS1 encodes a MATE-transporter that negatively regulates plant disease resistance. New Phytologist, 2011, 192, 471-482.	7.3	62
23	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 Â. Plant Cell, 2011, 23, 701-715.	6.6	906
24	The ZIM domain mediates homoâ€•and heteromeric interactions between Arabidopsis JAZ proteins. Plant Journal, 2009, 59, 77-87.	5.7	257
25	(+)-7-iso-Jasmonoyl-L-isoleucine is the endogenous bioactive jasmonate. Nature Chemical Biology, 2009, 5, 344-350.	8.0	822
26	Plant oxylipins: COI1/JAZs/MYC2 as the core jasmonic acidâ€signalling module. FEBS Journal, 2009, 276, 4682-4692.	4.7	181
27	JAZ repressors set the rhythm in jasmonate signaling. Current Opinion in Plant Biology, 2008, 11, 486-494.	7.1	224
28	The JAZ family of repressors is the missing link in jasmonate signalling. Nature, 2007, 448, 666-671.	27.8	1,974
29	Motifs specific for the ADR1 NBSâ€"LRR protein family in Arabidopsis are conserved among NBSâ€"LRR sequences from both dicotyledonous and monocotyledonous plants. Planta, 2005, 221, 597-601.	3.2	21
30	Drought tolerance established by enhanced expression of theCC-NBS-LRRgene,ADR1, requires salicylic acid, EDS1 and ABI1. Plant Journal, 2004, 38, 810-822.	5.7	253
31	Activation tagging in plants: a tool for gene discovery. Functional and Integrative Genomics, 2004, 4, 258-66.	3.5	59
32	Targeted Activation Tagging of the Arabidopsis NBS-LRR gene, ADR1, Conveys Resistance to Virulent Pathogens. Molecular Plant-Microbe Interactions, 2003, 16, 669-680.	2.6	140
33	Characterization of a Novel, Defense-Related Arabidopsis Mutant, cir1, Isolated By Luciferase Imaging. Molecular Plant-Microbe Interactions, 2002, 15, 557-566.	2.6	49
34	Carrot cells contain two top1 genes having the coding capacity for two distinct DNA topoisomerases I1. Journal of Experimental Botany, 2000, 51, 1979-1990.	4.8	17