

Maya Bar

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,602
citations

394421

19
h-index

330143

37
g-index

62
all docs

62
docs citations

62
times ranked

1765
citing authors

#	ARTICLE	IF	CITATIONS
1	Leaf development and morphogenesis. <i>Development (Cambridge)</i> , 2014, 141, 4219-4230.	2.5	199
2	BAK1 is required for the attenuation of ethylene-inducing xylanase (Eix)-induced defense responses by the decoy receptor LeEix1. <i>Plant Journal</i> , 2010, 63, 791-800.	5.7	141
3	Constitutive caspase-like machinery executes programmed cell death in plant cells. <i>Cell Death and Differentiation</i> , 2002, 9, 726-733.	11.2	114
4	EHD2 inhibits ligand-induced endocytosis and signaling of the leucine-rich repeat receptor-like protein LeEix2. <i>Plant Journal</i> , 2009, 59, 600-611.	5.7	107
5	Endosomal signaling of the tomato leucine-rich repeat receptor-like protein LeEix2. <i>Plant Journal</i> , 2011, 68, 413-423.	5.7	92
6	Compound leaf development in model plant species. <i>Current Opinion in Plant Biology</i> , 2015, 23, 61-69.	7.1	85
7	Hormones in tomato leaf development. <i>Developmental Biology</i> , 2016, 419, 132-142.	2.0	65
8	The Coiled-Coil Domain of EHD2 Mediates Inhibition of LeEix2 Endocytosis and Signaling. <i>PLoS ONE</i> , 2009, 4, e7973.	2.5	58
9	AtEHDs, novel Arabidopsis EHD domain-containing proteins involved in endocytosis. <i>Plant Journal</i> , 2008, 55, 1025-1038.	5.7	53
10	Cytokinin response induces immunity and fungal pathogen resistance, and modulates trafficking of the PRR LeEIX2 in tomato. <i>Molecular Plant Pathology</i> , 2020, 21, 1287-1306.	4.2	53
11	Auxin-mediated lamina growth in tomato leaves is restricted by two parallel mechanisms. <i>Plant Journal</i> , 2016, 86, 443-457.	5.7	50
12	Show me your secret(ed) weapons: a multifaceted approach reveals a wide arsenal of type III secreted effectors in the cucurbit pathogenic bacterium <i>Acidovorax citrulli</i> and novel effectors in the <i>Acidovorax</i> genus. <i>Molecular Plant Pathology</i> , 2020, 21, 17-37.	4.2	42
13	CLAUSA is a MYB Transcription Factor that Promotes Leaf Differentiation by Attenuating Cytokinin Signaling. <i>Plant Cell</i> , 2016, 28, tpc.00211.2016.	6.6	40
14	The intracellular nucleotide-binding leucine-rich repeat receptor (SINRC4a) enhances immune signalling elicited by extracellular perception. <i>Plant, Cell and Environment</i> , 2018, 41, 2313-2327.	5.7	38
15	Multiple Auxin-Response Regulators Enable Stability and Variability in Leaf Development. <i>Current Biology</i> , 2019, 29, 1746-1759.e5.	3.9	34
16	Cytokinin drives assembly of the phyllosphere microbiome and promotes disease resistance through structural and chemical cues. <i>ISME Journal</i> , 2022, 16, 122-137.	9.8	31
17	The Entomopathogenic Fungi <i>Metarhizium brunneum</i> and <i>Beauveria bassiana</i> Promote Systemic Immunity and Confer Resistance to a Broad Range of Pests and Pathogens in Tomato. <i>Phytopathology</i> , 2022, 112, 784-793.	2.2	30
18	Tomato Prenylated RAB Acceptor Protein 1 Modulates Trafficking and Degradation of the Pattern Recognition Receptor LeEIX2, Affecting the Innate Immune Response. <i>Frontiers in Plant Science</i> , 2018, 9, 257.	3.6	27

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19	Cytokinin induces bacterial pathogen resistance in tomato. <i>Plant Pathology</i> , 2021, 70, 318-325.	2.4	25
20	Plant trichomes and the biomechanics of defense in various systems, with Solanaceae as a model. <i>Botany</i> , 2019, 97, 651-660.	1.0	24
21	<sc>CLAUSA</sc> restricts tomato leaf morphogenesis and <i><sc>GOBLET</sc></i> expression. <i>Plant Journal</i> , 2015, 83, 888-902.	5.7	21
22	Characterization of the cytokinin sensor TCSv2 in arabidopsis and tomato. <i>Plant Methods</i> , 2020, 16, 152.	4.3	21
23	Method for the Production and Purification of Plant Immuno-Active Xylanase from <i>Trichoderma</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4214.	4.1	21
24	LeEix1 functions as a decoy receptor to attenuate LeEix2 signaling. <i>Plant Signaling and Behavior</i> , 2011, 6, 455-457.	2.4	19
25	EHD1 Functions in Endosomal Recycling and Confers Salt Tolerance. <i>PLoS ONE</i> , 2013, 8, e54533.	2.5	19
26	Sterol-Dependent Induction of Plant Defense Responses by a Microbe-Associated Molecular Pattern from <i>Trichoderma viride</i> Å Å Å. <i>Plant Physiology</i> , 2014, 164, 819-827.	4.8	16
27	Coordinating the morphogenesis-differentiation balance by tweaking the cytokinin-gibberellin equilibrium. <i>PLoS Genetics</i> , 2021, 17, e1009537.	3.5	14
28	Plant Immunity, Priming, and Systemic Resistance as Mechanisms for <i>Trichoderma</i> spp. <i>Biocontrol. Rhizosphere Biology</i> , 2020, , 81-110.	0.6	14
29	EHD2 inhibits signaling of ÅLeucine rich repeat receptor-like proteins. <i>Plant Signaling and Behavior</i> , 2009, 4, 682-684.	2.4	13
30	Root zone warming represses foliar diseases in tomato by inducing systemic immunity. <i>Plant, Cell and Environment</i> , 2021, 44, 2277-2289.	5.7	13
31	Endosomal trafficking and signaling in plant defense responses. <i>Current Opinion in Plant Biology</i> , 2014, 22, 86-92.	7.1	12
32	A gain of function mutation in SINRC4a enhances basal immunity resulting in broad-spectrum disease resistance. <i>Communications Biology</i> , 2020, 3, 404.	4.4	12
33	Tomato Dynamin Related Protein 2A Associates With LeEIX2 and Enhances PRR Mediated Defense by Modulating Receptor Trafficking. <i>Frontiers in Plant Science</i> , 2019, 10, 936.	3.6	11
34	Cytokinin Inhibits Fungal Development and Virulence by Targeting the Cytoskeleton and Cellular Trafficking. <i>MBio</i> , 2021, 12, e0306820.	4.1	10
35	TOR inhibition primes immunity and pathogen resistance in tomato in a salicylic acid Ådependent manner. <i>Molecular Plant Pathology</i> , 2022, 23, 1035-1047.	4.2	10
36	NRC proteins - a critical node for pattern and effector mediated signaling. <i>Plant Signaling and Behavior</i> , 2018, 13, 1-4.	2.4	9

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37	Coordination of differentiation rate and local patterning in compoundâ€œleaf development. <i>New Phytologist</i> , 2021, 229, 3558-3572.	7.3	9
38	Cytokinin Modulates Cellular Trafficking and the Cytoskeleton, Enhancing Defense Responses. <i>Cells</i> , 2021, 10, 1634.	4.1	8
39	AtEHDs in endocytosis. <i>Plant Signaling and Behavior</i> , 2008, 3, 1008-1010.	2.4	6
40	Cytokinin production and sensing in fungi. <i>Microbiological Research</i> , 2022, 262, 127103.	5.3	6
41	The function of EHD2 in endocytosis and defense signaling is affected by SUMO. <i>Plant Molecular Biology</i> , 2014, 84, 509-518.	3.9	5
42	Cytokinin-microbiome interactions regulate developmental functions. <i>Environmental Microbiomes</i> , 2022, 17, 2.	5.0	5
43	SIPRA1A/RAB attenuate EIX immune responses via degradation of LeEIX2 pattern recognition receptor. <i>Plant Signaling and Behavior</i> , 2018, 13, e1467689.	2.4	4
44	Gene Editing of the Decoy Receptor LeEIX1 Increases Host Receptivity to <i>Trichoderma</i> Bio-Control. <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	4
45	Endocytosis of LeEix and EHD Proteins During Plant Defense Signalling. , 2012, , 297-311.		2
46	The VIL gene CRAWLING ELEPHANT controls maturation and differentiation in tomato via polycomb silencing. <i>PLoS Genetics</i> , 2022, 18, e1009633.	3.5	2
47	Nomad scientists and the ones left behind. <i>ELife</i> , 2017, 6, .	6.0	1
48	Engineering Plants to Improve Their Immune System. <i>Frontiers for Young Minds</i> , 0, 9, .	0.8	0
49	Endocytosis in Plant â€œ Fungal Interactions. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 495-508.	0.3	0
50	Erratum for Gupta et al., â€œCytokinin Inhibits Fungal Development and Virulence by Targeting the Cytoskeleton and Cellular Traffickingâ€• <i>MBio</i> , 2022, , e0030522.	4.1	0