InÃ©s Ponce de LeÃ³n

List of Publications by Year
in descending order

32 papers	1,594 citations	331642 21 h-index	434170 31 g-index
33 all docs	33 docs citations	33 times ranked	1800 citing authors

#	Article	IF	Citations
1	The Impact of Irrigation on Olive Fruit Yield and Oil Quality in a Humid Climate. Agronomy, 2022, 12, 313.	3.0	7
2	Moss transcription factors regulating development and defense responses to stress. Journal of Experimental Botany, 2022, 73, 4546-4561.	4.8	18
3	Comparative genomics of plant pathogenic Diaporthe species and transcriptomics of Diaporthe caulivora during host infection reveal insights into pathogenic strategies of the genus. BMC Genomics, 2022, 23, 175.	2.8	12
4	Coevolution of Bryophytes and their Associated Microorganisms. Advances in Environmental Microbiology, 2021, , 627-633.	0.3	1
5	Transcriptional profiling reveals conserved and species-specific plant defense responses during the interaction of Physcomitrium patens with Botrytis cinerea. Plant Molecular Biology, 2021, 107, 365-385.	3.9	20
6	ROS-Scavenging Enzymes as an Antioxidant Response to High Concentration of Anthracene in the Liverwort Marchantia polymorpha L. Plants, 2021, 10, 1478.	3.5	8
7	Physcomitrium patens Infection by Colletotrichum gloeosporioides: Understanding the Fungalâ€“Bryophyte Interaction by Microscopy, Phenomics and RNA Sequencing. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /O	3.5	14
8	Botrytis cinerea Transcriptome during the Infection Process of the Bryophyte Physcomitrium patens and Angiosperms. Journal of Fungi (Basel, Switzerland), 2021, 7, 11.	3.5	15
9	Soybean Stem Canker Caused by Diaporthe caulivora; Pathogen Diversity, Colonization Process, and Plant Defense Activation. Frontiers in Plant Science, 2019, 10, 1733.	3.6	24
10	The Physcomitrella patens gene atlas project: largeâ€scale <scp>RNA</scp>â€seq based expression data. Plant Journal, 2018, 95, 168-182.	5.7	115
11	Genome-wide analysis of the soybean CRK-family and transcriptional regulation by biotic stress signals triggering plant immunity. PLoS ONE, 2018, 13, e0207438.	2.5	36
12	Adaptation Mechanisms in the Evolution of Moss Defenses to Microbes. Frontiers in Plant Science, 2017, 8, 366.	3.6	45
13	Activation of Shikimate, Phenylpropanoid, Oxylipins, and Auxin Pathways in Pectobacterium carotovorum Elicitors-Treated Moss. Frontiers in Plant Science, 2016, 7, 328.	3.6	43
14	Moss Pathogenesis-Related-10 Protein Enhances Resistance to Pythium irregulare in Physcomitrella patens and Arabidopsis thaliana. Frontiers in Plant Science, 2016, 7, 580.	3.6	37
15	An Innate Immunity Pathway in the Moss Physcomitrella patens Â. Plant Cell, 2016, 28, 1328-1342.	6.6	73
16	Physcomitrella patens Activates Defense Responses against the Pathogen Colletotrichum gloeosporioides. International Journal of Molecular Sciences, 2015, 16, 22280-22298.	4.1	56
17	Oxylipins in moss development and defense. Frontiers in Plant Science, 2015, 6, 483.	3.6	42
18	The Physcomitrella patens unique alpha-dioxygenase participates in both developmental processes and defense responses. BMC Plant Biology, 2015, 15, 45.	3.6	21

#	Article	IF	Citations
19	Activation of Defense Mechanisms against Pathogens in Mosses and Flowering Plants. International Journal of Molecular Sciences, 2013, 14, 3178-3200.	4.1	104
20	Physcomitrella patens activates reinforcement of the cell wall, programmed cell death and accumulation of evolutionary conserved defence signals, such as salicylic acid and 12â€oxoâ€phytodienoic acid, but not jasmonic acid, upon Botrytis cinerea infection. Molecular Plant Pathology, 2012, 13, 960-974.	4.2	105
21	The MossPhyscomitrella patensas a Model System to Study Interactions between Plants and Phytopathogenic Fungi and Oomycetes. Journal of Pathogens, 2011, 2011, 1-6.	1.4	26
22	Functional Analysis of Î±-DOX2, an Active Î±-Dioxygenase Critical for Normal Development in Tomato Plants. Plant Physiology, 2009, 151, 1421-1432.	4.8	39
23	Pythium infection activates conserved plant defense responses in mosses. Planta, 2009, 230, 569-579.	3.2	110
24	Xanthomonas axonopodispv.citriÃ¢Â€Âƒenters the VBNC state after copper treatment and retains its virulence. FEMS Microbiology Letters, 2009, 298, 143-148.	1.8	69
25	Toward a global database for the molecular typing of Saccharomyces cerevisiae strains. FEMS Yeast Research, 2008, 8, 472-484.	2.3	34
26	Erwinia carotovora elicitors and Botrytis cinerea activate defense responses in Physcomitrella patens. BMC Plant Biology, 2007, 7, 52.	3.6	102
27	Synthesis of 3-oxalinolenic acid and Î²-oxidation-resistant 3-oxa-oxylipins. Lipids, 2006, 41, 499-506.	1.7	14
28	Multiple defence signals induced by Erwinia carotovora ssp. carotovora elicitors in potato. Molecular Plant Pathology, 2005, 6, 541-549.	4.2	33
29	Î±-Dioxygenases. Biochemical and Biophysical Research Communications, 2005, 338, 169-174.	2.1	76
30	Fatty acid Î±-dioxygenases. Prostaglandins and Other Lipid Mediators, 2002, 68-69, 363-374.	1.9	38
31	Involvement of theArabidopsisÎ±-DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death. Plant Journal, 2002, 29, 61-72.	5.7	135
32	Salicylic acid and the plant pathogen Erwinia carotovora induce defense genes via antagonistic pathways. Plant Journal, 1997, 11, 115-123.	5.7	126