Flavio A Blanco

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6405826/publications.pdf

Version: 2024-02-01

32 papers	1,477 citations	394421 19 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	1965 citing authors

#	Article	IF	Citations
1	The spores of Phytophthora: weapons of the plant destroyer. Nature Reviews Microbiology, 2005, 3, 47-58.	28.6	394
2	A bZIP transcription factor from Phytophthora interacts with a protein kinase and is required for zoospore motility and plant infection. Molecular Microbiology, 2005, 56, 638-648.	2.5	95
3	Compatibility between Legumes and Rhizobia for the Establishment of a Successful Nitrogen-Fixing Symbiosis. Genes, 2018, 9, 125.	2.4	93
4	A C Subunit of the Plant Nuclear Factor NF-Y Required for Rhizobial Infection and Nodule Development Affects Partner Selection in the Common Beanâ€"<i>Rhizobium etli</i>Symbiosis Â. Plant Cell, 2011, 22, 4142-4157.	6.6	91
5	A phylogenetically conserved group of NF-Y transcription factors interact to control nodulation in legumes. Plant Physiology, 2015, 169, pp.01144.2015.	4.8	72
6	Selective recruitment of m<scp>RNA</scp>s and mi<scp>RNA</scp>s to polyribosomes in response to rhizobia infection in <i><scp>M</scp>edicago truncatula</i>. Plant Journal, 2013, 73, 289-301.	5.7	70
7	The MicroRNA390/TAS3 Pathway Mediates Symbiotic Nodulation and Lateral Root Growth. Plant Physiology, 2017, 174, 2469-2486.	4.8	67
8	Translating Ribosome Affinity Purification (TRAP) Followed by RNA Sequencing Technology (TRAP-SEQ) for Quantitative Assessment of Plant Translatomes. Methods in Molecular Biology, 2015, 1284, 185-207.	0.9	65
9	A Small GTPase of the Rab Family Is Required for Root Hair Formation and Preinfection Stages of the Common Beanâ€"<i>Rhizobium</i>Symbiotic Association. Plant Cell, 2009, 21, 2797-2810.	6.6	63
10	A Nuclear Factor Y Interacting Protein of the GRAS Family Is Required for Nodule Organogenesis, Infection Thread Progression, and Lateral Root Growth Â Â Â. Plant Physiology, 2014, 164, 1430-1442.	4.8	55
11	Molecular characterization ofÂaÂpotato MAP kinase transcriptionally regulated byÂmultiple environmental stresses. Plant Physiology and Biochemistry, 2006, 44, 315-322.	5.8	48
12	How legumes recognize rhizobia. Plant Signaling and Behavior, 2016, 11, e1120396.	2.4	45
13	Host Genes Involved in Nodulation Preference in Common Bean (<i>Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td Molecular Plant-Microbe Interactions, 2008, 21, 459-468.	2.6	41
14	Knock-down of a member of the isoflavone reductase gene family impairs plant growth and nodulation in Phaseolus vulgaris. Plant Physiology and Biochemistry, 2013, 68, 81-89.	5.8	38
15	Small GTPases in plant biotic interactions. Small GTPases, 2019, 10, 350-360.	1.6	30
16	The PvNF-YA1 and PvNF-YB7 Subunits of the Heterotrimeric NF-Y Transcription Factor Influence Strain Preference in the Phaseolus vulgarisâ€"Rhizobium etli Symbiosis. Frontiers in Plant Science, 2019, 10, 221.	3.6	25
17	Changes in the Common Bean Transcriptome in Response to Secreted and Surface Signal Molecules of <i>Rhizobium etli</i>. Plant Physiology, 2015, 169, 1356-1370.	4.8	24
18	Annotation, phylogeny and expression analysis of the nuclear factor Y gene families in common bean (Phaseolus vulgaris). Frontiers in Plant Science, 2014, 5, 761.	3.6	20

#	Article	IF	Citations
19	Reprogramming of Root Cells during Nitrogen-Fixing Symbiosis Involves Dynamic Polysome Association of Coding and Noncoding RNAs. Plant Cell, 2020, 32, 352-373.	6.6	20
20	Phosphorylation of a member of the MBF1 transcriptional co-activator family, StMBF1, is stimulated in potato cell suspensions upon fungal elicitor challenge. Journal of Experimental Botany, 2003, 54, 623-632.	4.8	19
21	The monomeric GTPase RabA2 is required for progression and maintenance of membrane integrity of infection threads during root nodule symbiosis. Plant Molecular Biology, 2017, 93, 549-562.	3.9	18
22	Auxin Response Factor 2 (ARF2), ARF3, and ARF4 Mediate Both Lateral Root and Nitrogen Fixing Nodule Development in Medicago truncatula. Frontiers in Plant Science, 2021, 12, 659061.	3.6	18
23	Transcriptional regulators of legume-rhizobia symbiosis. Plant Signaling and Behavior, 2014, 9, e28847.	2.4	16
24	Transcriptional and functional variation of <scp><i>NFâ€YC1</i></scp> in genetically diverse accessions of <i><scp>P</scp>haseolus vulgaris</i> during the symbiotic association with <i><scp>R</scp>hizobium etli</i>. Plant Biology, 2013, 15, 808-818.	3.8	15
25	Comparative phylogenetic and expression analysis of small GTPases families in legume and non-legume plants. Plant Signaling and Behavior, 2018, 13, e1432956.	2.4	13
26	To keep or not to keep: mRNA stability and translatability in root nodule symbiosis. Current Opinion in Plant Biology, 2020, 56, 109-117.	7.1	8
27	Transcriptomic analysis of Mesoamerican and Andean Phaseolus vulgaris accessions revealed mRNAs and lncRNAs associated with strain selectivity during symbiosis. Scientific Reports, 2022, 12, 2614.	3.3	3
28	Insights into post-transcriptional regulation during legume-rhizobia symbiosis. Plant Signaling and Behavior, 2013, 8, e23102.	2.4	2
29	Translational switching from growth to defense â€“ a common role for TOR in plant and mammalian immunity?. Journal of Experimental Botany, 2017, 68, 2077-2081.	4.8	2
30	TRAP-SEQ of Eukaryotic Translatomes Applied to the Detection of Polysome-Associated Long Noncoding RNAs. Methods in Molecular Biology, 2020, 2166, 451-472.	0.9	2
31	Identification of conserved and new miRNAs that affect nodulation and strain selectivity in the <i>Phaseolus vulgarisâ€“Rhizobium etli</i> symbiosis through differential analysis of host small RNAs. New Phytologist, 2022, 234, 1430-1447.	7.3	2
32	Translational regulation in pathogenic and beneficial plantâ€“microbe interactions. Biochemical Journal, 2021, 478, 2775-2788.	3.7	1