Flavio A Blanco

List of Publications by Year in descending order

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	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
2	Identification of conserved and new miRNAs that affect nodulation and strain selectivity in the Phaseolus vulgarisâ€“Rhizobium etli symbiosis through differential analysis of host small RNAs. New Phytologist, 2022, 234, 1430-1447.	7.3	2
3	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
4	Translational regulation in pathogenic and beneficial plantâ€“microbe interactions. Biochemical Journal, 2021, 478, 2775-2788.	3.7	1
5	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
6	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
7	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
8	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
9	Small GTPases in plant biotic interactions. Small GTPases, 2019, 10, 350-360.	1.6	30
10	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
11	Compatibility between Legumes and Rhizobia for the Establishment of a Successful Nitrogen-Fixing Symbiosis. Genes, 2018, 9, 125.	2.4	93
12	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
13	The MicroRNA390/TAS3 Pathway Mediates Symbiotic Nodulation and Lateral Root Growth. Plant Physiology, 2017, 174, 2469-2486.	4.8	67
14	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
15	How legumes recognize rhizobia. Plant Signaling and Behavior, 2016, 11, e1120396.	2.4	45
16	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
17	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
18	Changes in the Common Bean Transcriptome in Response to Secreted and Surface Signal Molecules of Rhizobium etli. Plant Physiology, 2015, 169, 1356-1370.	4.8	24

#	Article	IF	Citations
19	Transcriptional regulators of legume-rhizobia symbiosis. Plant Signaling and Behavior, 2014, 9, e28847.	2.4	16
20	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
21	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
22	Transcriptional and functional variation of <scp>NFâ€¥C1</scp> in genetically diverse accessions of <scp>P</scp>haseolus vulgaris during the symbiotic association with <scp>R</scp>hizobium etli. Plant Biology, 2013, 15, 808-818.	3.8	15
23	Selective recruitment of m<scp>RNA</scp>s and mi<scp>RNA</scp>s to polyribosomes in response to rhizobia infection in <scp>M</scp>edicago truncatula. Plant Journal, 2013, 73, 289-301.	5.7	70
24	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
25	Insights into post-transcriptional regulation during legume-rhizobia symbiosis. Plant Signaling and Behavior, 2013, 8, e23102.	2.4	2
26	A C Subunit of the Plant Nuclear Factor NF-Y Required for Rhizobial Infection and Nodule Development Affects Partner Selection in the Common Beanâ€“Rhizobium etliSymbiosis Â. Plant Cell, 2011, 22, 4142-4157.	6.6	91
27	A Small GTPase of the Rab Family Is Required for Root Hair Formation and Preinfection Stages of the Common Beanâ€“RhizobiumSymbiotic Association. Plant Cell, 2009, 21, 2797-2810.	6.6	63
28	Host Genes Involved in Nodulation Preference in Common Bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (vulgaris Molecular Plant-Microbe Interactions, 2008, 21, 459-468.	2.6	41
29	Molecular characterization ofÂaÂpotato MAP kinase transcriptionally regulated byÂmultiple environmental stresses. Plant Physiology and Biochemistry, 2006, 44, 315-322.	5.8	48
30	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
31	The spores of Phytophthora: weapons of the plant destroyer. Nature Reviews Microbiology, 2005, 3, 47-58.	28.6	394
32	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