Borjana Arsova

List of Publications by Year
in descending order

20 papers	1,762 citations	623734 14 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	3013 citing authors

#	Article	IF	Citations
1	The genome of the stress-tolerant wild tomato species Solanum pennellii. Nature Genetics, 2014, 46, 1034-1038.	21.4	391
2	MapMan4: A Refined Protein Classification and Annotation Framework Applicable to Multi-Omics Data Analysis. Molecular Plant, 2019, 12, 879-892.	8.3	353
3	Energy costs of salt tolerance in crop plants. New Phytologist, 2020, 225, 1072-1090.	7.3	284
4	Plastidial Thioredoxin <i>z</i> Interacts with Two Fructokinase-Like Proteins in a Thiol-Dependent Manner: Evidence for an Essential Role in Chloroplast Development in <i>Arabidopsis</i> and <i>Nicotiana benthamiana</i> Â Â. Plant Cell, 2010, 22, 1498-1515.	6.6	281
5	Plant genome and transcriptome annotations: from misconceptions to simple solutions. Briefings in Bioinformatics, 2018, 19, bbw135.	6.5	62
6	Multilab EcoFAB study shows highly reproducible physiology and depletion of soil metabolites by a model grass. New Phytologist, 2019, 222, 1149-1160.	7.3	55
7	Modulators or facilitators? Roles of lipids in plant rootâ€“microbe interactions. Trends in Plant Science, 2022, 27, 180-190.	8.8	45
8	Monitoring of Plant Protein Post-translational Modifications Using Targeted Proteomics. Frontiers in Plant Science, 2018, 9, 1168.	3.6	41
9	Dynamics in plant roots and shoots minimize stress, save energy and maintain water and nutrient uptake. New Phytologist, 2020, 225, 1111-1119.	7.3	37
10	The use of heavy nitrogen in quantitative proteomics experiments in plants. Trends in Plant Science, 2012, 17, 102-112.	8.8	32
11	Evolution of the Phospho<i>enol</i>pyruvate Carboxylase Protein Kinase Family in C3 and C4 Â<i>Flaveria</i> spp. Â Â. Plant Physiology, 2014, 165, 1076-1091.	4.8	23
12	Precision, Proteome Coverage, and Dynamic Range of Arabidopsis Proteome Profiling Using 15N Metabolic Labeling and Label-free Approaches. Molecular and Cellular Proteomics, 2012, 11, 619-628.	3.8	16
13	Current status of the plant phosphorylation site database PhosPhAt and its use as a resource for molecular plant physiology. Frontiers in Plant Science, 2012, 3, 132.	3.6	16
14	The molecular basis of zinc homeostasis in cereals. Plant, Cell and Environment, 2022, 45, 1339-1361.	5.7	14
15	N-dependent dynamics of root growth and nitrate and ammonium uptake are altered by the bacterium <i>Herbaspirillum seropedicae</i> in the cereal model <i>Brachypodium distachyon</i>. Journal of Experimental Botany, 2022, 73, 5306-5321.	4.8	11
16	Time-resolution of the shoot and root growth of the model cereal Brachypodium in response to inoculation with Azospirillum bacteria at low phosphorus and temperature. Plant Growth Regulation, 2021, 93, 149-162.	3.4	10
17	Transcriptional regulation of <scp><i>ZIP</i></scp> genes is independent of local zinc status in Brachypodium shoots upon zinc deficiency and resupply. Plant, Cell and Environment, 2021, 44, 3376-3397.	5.7	9
18	The Metabolic Response of Brachypodium Roots to the Interaction with Beneficial Bacteria Is Affected by the Plant Nutritional Status. Metabolites, 2021, 11, 358.	2.9	8

#	Article	IF	Citations
19	Isolation of Novel Xanthomonas Phages Infecting the Plant Pathogens X. translucens and X. campestris. Viruses, 2022, 14, 1449.	3.3	6
20	Root Growth and Architecture of Wheat and Brachypodium Vary in Response to Algal Fertilizer in Soil and Solution. Agronomy, 2022, 12, 285.	3.0	4