Bulak A Arpat

List of Publications by Year
in descending order

23 papers	2,663 citations	361413 20 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	3657 citing authors

#	Article	IF	Citations
1	Regulation of Phosphate Starvation Responses in Plants: Signaling Players and Cross-Talks. Molecular Plant, 2010, 3, 288-299.	8.3	334
2	The emerging importance of the SPX domainâ€containing proteins in phosphate homeostasis. New Phytologist, 2012, 193, 842-851.	7.3	269
3	Functional genomics of cell elongation in developing cotton fibers. Plant Molecular Biology, 2004, 54, 911-929.	3.9	237
4	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237
5	Differential Regulation of the Expression of Two High-Affinity Sulfate Transporters, SULTR1.1 and SULTR1.2, in Arabidopsis Â Â. Plant Physiology, 2008, 147, 897-911.	4.8	153
6	Ribosome profiling reveals the rhythmic liver translatome and circadian clock regulation by upstream open reading frames. Genome Research, 2015, 25, 1848-1859.	5.5	151
7	A global assembly of cotton ESTs. Genome Research, 2006, 16, 441-450.	5.5	138
8	DNA Microarray Experiments: Biological and Technological Aspects. Biometrics, 2002, 58, 701-717.	1.4	137
9	Uncoupling phosphate deficiency from its major effects on growth and transcriptome via PHO1 expression in Arabidopsis. Plant Journal, 2011, 65, 557-570.	5.7	130
10	Functional expression of PHO1 to the Golgi and <i>trans</i>â€Golgi network and its role in export of inorganic phosphate. Plant Journal, 2012, 71, 479-491.	5.7	125
11	The cotton fiber transcriptome. Physiologia Plantarum, 2005, 124, 295-300.	5.2	98
12	MicroRNAs shape circadian hepatic gene expression on a transcriptome-wide scale. ELife, 2014, 3, e02510.	6.0	98
13	Overâ€expression of PHO1 in Arabidopsis leaves reveals its role in mediating phosphate efflux. Plant Journal, 2011, 66, 689-699.	5.7	95
14	Mammalian RNA Decay Pathways Are Highly Specialized and Widely Linked to Translation. Molecular Cell, 2020, 77, 1222-1236.e13.	9.7	78
15	Transcriptome-wide sites of collided ribosomes reveal principles of translational pausing. Genome Research, 2020, 30, 985-999.	5.5	73
16	Disruption of <i>Os<scp>SULTR</scp>3;3</i> reduces phytate and phosphorus concentrations and alters the metabolite profile in rice grains. New Phytologist, 2016, 211, 926-939.	7.3	72
17	The SIB Swiss Institute of Bioinformaticsâ€™ resources: focus on curated databases. Nucleic Acids Research, 2016, 44, D27-D37.	14.5	64
18	Translational contributions to tissue specificity in rhythmic and constitutive gene expression. Genome Biology, 2017, 18, 116.	8.8	54

#	Article	IF	Citations
19	Getting the most sulfate from soil: Regulation of sulfate uptake transporters in Arabidopsis. Journal of Plant Physiology, 2009, 166, 893-902.	3.5	34
20	Contributions of the Peroxisome and Î²-Oxidation Cycle to Biotin Synthesis in Fungi. Journal of Biological Chemistry, 2011, 286, 42133-42140.	3.4	32
21	Regulation of ion homeostasis in plants: Current approaches and future challenges. Plant Signaling and Behavior, 2010, 5, 501-502.	2.4	20
22	A Neuron-Specific Deletion of the MicroRNA-Processing Enzyme DICER Induces Severe but Transient Obesity in Mice. PLoS ONE, 2015, 10, e0116760.	2.5	20
23	Analyzing the temporal regulation of translation efficiency in mouse liver. Genomics Data, 2016, 8, 41-44.	1.3	6