Federico Valverde

List of Publications by Year
in descending order

42 papers	4,726 citations	279798 23 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	4506 citing authors

#	Article	IF	Citations
1	Photoperiodic Signaling and Senescence, an Ancient Solution to a Modern Problem?. Frontiers in Plant Science, 2021, 12, 634393.	3.6	9
2	CONSTANSâ€“FKBP12 interaction contributes to modulation of photoperiodic flowering in Arabidopsis. Plant Journal, 2020, 101, 1287-1302.	5.7	18
3	Ubiquitin carboxyl-terminal hydrolases are required for period maintenance of the circadian clock at high temperature in Arabidopsis. Scientific Reports, 2019, 9, 17030.	3.3	17
4	Evolution of photoperiod sensing in plants and algae. Current Opinion in Plant Biology, 2017, 37, 10-17.	7.1	39
5	Evolutionary Analysis of DELLA-Associated Transcriptional Networks. Frontiers in Plant Science, 2017, 8, 626.	3.6	35
6	Evolution of Daily Gene Co-expression Patterns from Algae to Plants. Frontiers in Plant Science, 2017, 8, 1217.	3.6	26
7	Editorial: Evolution of Gene Regulatory Networks in Plant Development. Frontiers in Plant Science, 2017, 8, 2126.	3.6	2
8	Vacuolar H+-Pyrophosphatase AVP1 is Involved in Amine Fungicide Tolerance in Arabidopsis thaliana and Provides Tridemorph Resistance in Yeast. Frontiers in Plant Science, 2016, 7, 85.	3.6	11
9	ChlamyNET: a Chlamydomonas gene co-expression network reveals global properties of the transcriptome and the early setup of key co-expression patterns in the green lineage. BMC Genomics, 2016, 17, 227.	2.8	45
10	New challenges in microalgae biotechnology. European Journal of Protistology, 2016, 55, 95-101.	1.5	22
11	Characterization of the Sucrose Phosphate Phosphatase (SPP) Isoforms from Arabidopsis thaliana and Role of the S6PPc Domain in Dimerization. PLoS ONE, 2016, 11, e0166308.	2.5	13
12	Phosphorylation of <scp>CONSTANS</scp> and its <scp>COP</scp>1â€dependent degradation during photoperiodic flowering of Arabidopsis. Plant Journal, 2015, 84, 451-463.	5.7	59
13	Photoperiodic control of sugar release during the floral transition: What is the role of sugars in the florigenic signal?. Plant Signaling and Behavior, 2015, 10, e1017168.	2.4	15
14	An Evolutionarily Conserved DOF-CONSTANS Module Controls Plant Photoperiodic Signaling. Plant Physiology, 2015, 168, 561-574.	4.8	23
15	Photoperiodic Control of Carbon Distribution during the Floral Transition in <i>Arabidopsis</i> Â Â Â. Plant Cell, 2014, 26, 565-584.	6.6	73
16	The <scp>TRANSPLANTA</scp> collection of <scp>A</scp>rabidopsis lines: a resource for functional analysis of transcription factors based on their conditional overexpression. Plant Journal, 2014, 77, 944-953.	5.7	104
17	Purification of Starch Granules from Arabidopsis Leaves and Determination of Granule-Bound Starch Synthase Activity. Bio-protocol, 2014, 4, .	0.4	3
18	A contribution to the study of plant development evolution based on gene co-expression networks. Frontiers in Plant Science, 2013, 4, 291.	3.6	22

#	ARTICLE	IF	CITATIONS
19	The <i>Arabidopsis</i> E3 Ubiquitin Ligase HOS1 Negatively Regulates CONSTANS Abundance in the Photoperiodic Control of Flowering. Plant Cell, 2012, 24, 982-999.	6.6	197
20	CONSTANS and the evolutionary origin of photoperiodic timing of flowering. Journal of Experimental Botany, 2011, 62, 2453-2463.	4.8	161
21	Evolutionarily conserved photoperiod mechanisms in plants. Plant Signaling and Behavior, 2009, 4, 642-644.	2.4	17
22	Chlamydomonas CONSTANS and the Evolution of Plant Photoperiodic Signaling. Current Biology, 2009, 19, 359-368.	3.9	106
23	Arabidopsis COP1 shapes the temporal pattern of CO accumulation conferring a photoperiodic flowering response. EMBO Journal, 2008, 27, 1277-1288.	7.8	424
24	Two Arabidopsis ADP-Glucose Pyrophosphorylase Large Subunits (APL1 and APL2) Are Catalytic. Plant Physiology, 2008, 148, 65-76.	4.8	79
25	Organellar Proteomics of Human Platelet Dense Granules Reveals That 14-3-3Î¶ Is a Granule Protein Related to Atherosclerosis. Journal of Proteome Research, 2007, 6, 4449-4457.	3.7	83
26	Effects of Oxidative and Nitrosative Stress on <i>Tetrahymena pyriformis</i> Glyceraldehydeâ€3â€Phosphate Dehydrogenase. Journal of Eukaryotic Microbiology, 2007, 54, 338-346.	1.7	13
27	Cloning, gene expression and characterization of a novel bacterial NAD-dependent non-phosphorylating glyceraldehyde-3-phosphate dehydrogenase from Neisseria meningitidis strain Z2491. Molecular and Cellular Biochemistry, 2007, 305, 209-219.	3.1	7
28	Sugar-mediated transcriptional regulation of the Gap gene system and concerted photosystem II functional modulation in the microalga Scenedesmus vacuolatus. Planta, 2005, 221, 937-952.	3.2	19
29	Widespread occurrence of non-phosphorylating glyceraldehyde-3-phosphate dehydrogenase among gram-positive bacteria. International Microbiology, 2005, 8, 251-8.	2.4	26
30	Photoreceptor Regulation of CONSTANS Protein in Photoperiodic Flowering. Science, 2004, 303, 1003-1006.	12.6	1,089
31	Purification of recombinant non-phosphorylating NADP-dependent glyceraldehyde-3-phosphate dehydrogenase from Streptococcus pyogenes expressed in E. coli. Molecular and Cellular Biochemistry, 2003, 247, 195-203.	3.1	25
32	Expression, purification, and characterization of recombinant nonphosphorylating NADP-dependent glyceraldehyde-3-phosphate dehydrogenase from Clostridium acetobutylicum. Protein Expression and Purification, 2002, 25, 519-526.	1.3	45
33	Antagonistic regulation of flowering-time gene SOC1 by CONSTANS and FLC via separate promoter motifs. EMBO Journal, 2002, 21, 4327-4337.	7.8	432
34	Simultaneous Occurrence of Two Different Glyceraldehyde-3-Phosphate Dehydrogenases in Heterocystous N2-Fixing Cyanobacteria. Biochemical and Biophysical Research Communications, 2001, 283, 356-363.	2.1	10
35	CONSTANS mediates between the circadian clock and the control of flowering in Arabidopsis. Nature, 2001, 410, 1116-1120.	27.8	1,258
36	Engineering a central metabolic pathway: glycolysis with no net phosphorylation in an Escherichia coli gap mutant complemented with a plant GapN gene. FEBS Letters, 1999, 449, 153-158.	2.8	37

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37	Glyceraldehyde-3-phosphate dehydrogenase from Tetrahymena pyriformis: enzyme purification and characterization of a gapC gene with primitive eukaryotic features. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 493-503.	1.6	14
38	Differential Regulation of Glyceraldehyde-3-Phosphate Dehydrogenases in the Green Alga Chlorella fusca. , 1998, , 3529-3532.		0
39	Functional complementation of an Escherichia coli gap mutant supports an amphibolic role for NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase of Synechocystis sp. strain PCC 6803. Journal of Bacteriology, 1997, 179, 4513-4522.	2.2	37
40	Occurrence of a differential expression of the glyceraldehyde-3-phosphate dehydrogenase gene in muscle and liver from euthermic and induced hibernating jerboa (Jaculus orientalis). Gene, 1996, 181, 139-145.	2.2	46
41	Evidence for a posttranslational covalent modification of liver glyceraldehyde-3-phosphate dehydrogenase in hibernating jerboa (Jaculus orientalis). BBA - Proteins and Proteomics, 1996, 1292, 177-187.	2.1	29
42	Characterization of muscle glyceraldehyde-3-phosphate dehydrogenase isoforms from euthermic and induced hibernating Jaculus orientalis. Biochimica Et Biophysica Acta - General Subjects, 1995, 1243, 161-168.	2.4	35