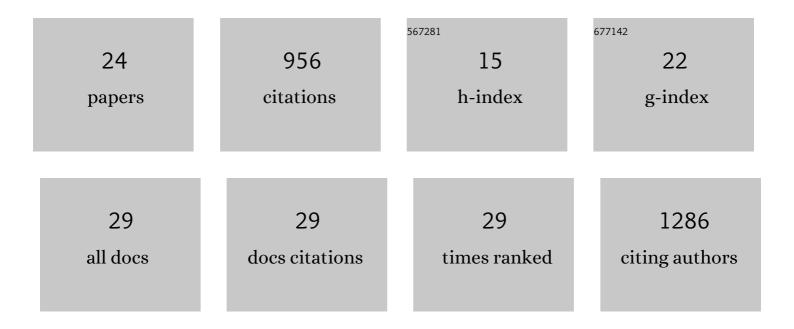


List of Publications by Year in descending order

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Μάρτα

#	Article	IF	CITATIONS
1	Salt tolerance (STO), a stressâ€related protein, has a major role in light signalling. Plant Journal, 2007, 51, 563-574.	5.7	118
2	High-level expression of secreted complex glycosylated recombinant human erythropoietin in the Physcomitrella ?-fuc-t ?-xyl-t mutant. Plant Biotechnology Journal, 2007, 5, 389-401.	8.3	113
3	Lipid exchanges drove the evolution of mutualism during plant terrestrialization. Science, 2021, 372, 864-868.	12.6	90
4	Nuclear Localization and Interaction with COP1 Are Required for STO/BBX24 Function during Photomorphogenesis Â. Plant Physiology, 2011, 156, 1772-1782.	4.8	81
5	Genetic analysis reveals a complex regulatory network modulating CBF gene expression and Arabidopsis response to abiotic stress. Journal of Experimental Botany, 2012, 63, 293-304.	4.8	63
6	Establishment of an Arabidopsis callus system to study the interrelations of biosynthesis, degradation and accumulation of carotenoids. PLoS ONE, 2018, 13, e0192158.	2.5	52
7	Use of Physcomitrella patens actin 5′ regions for high transgene expression: importance of 5′ introns. Applied Microbiology and Biotechnology, 2006, 70, 337-345.	3.6	51
8	Chloroplasts require glutathione reductase to balance reactive oxygen species and maintain efficient photosynthesis. Plant Journal, 2020, 103, 1140-1154.	5.7	47
9	Structure and function of the archaeal response regulator CheY. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1259-E1268.	7.1	43
10	Positioning of the Motility Machinery in Halophilic Archaea. MBio, 2019, 10, .	4.1	42
11	Spatioâ€ŧemporal patterning of arginylâ€ <scp>tRNA</scp> protein transferase (<scp>ATE</scp>) contributes to gametophytic development in a moss. New Phytologist, 2016, 209, 1014-1027.	7.3	35
12	The structure of the periplasmic FlaG–FlaF complex and its essential role for archaellar swimming motility. Nature Microbiology, 2020, 5, 216-225.	13.3	32
13	Mutant analysis in the nonlegume <i>Parasponia andersonii</i> identifies NIN and NF‥A1 transcription factors as a core genetic network in nitrogenâ€fixing nodule symbioses. New Phytologist, 2020, 226, 541-554.	7.3	32
14	Arabidopsis mutants deregulated in RCI2A expression reveal new signaling pathways in abiotic stress responses. Plant Journal, 2005, 42, 586-597.	5.7	29
15	Phytoene Desaturase from Oryza sativa: Oligomeric Assembly, Membrane Association and Preliminary 3D-Analysis. PLoS ONE, 2015, 10, e0131717.	2.5	26
16	An Oscillating MinD Protein Determines the Cellular Positioning of the Motility Machinery in Archaea. Current Biology, 2020, 30, 4956-4972.e4.	3.9	19
17	The switch complex ArlCDE connects the chemotaxis system and the archaellum. Molecular Microbiology, 2020, 114, 468-479.	2.5	19
18	Phytoene synthase 2 in tomato fruits remains functional and contributes to abscisic acid formation. Plant Science, 2022, 316, 111177.	3.6	11

Marta

#	Article	IF	CITATIONS
19	Hierarchical Markov Random Fields for mast cell segmentation in electron microscopic recordings. , 2011, , .		10
20	Semi-automatic determination of cell surface areas used in systems biology. Frontiers in Bioscience - Elite, 2013, E5, 533-545.	1.8	9
21	Cellular and Genomic Properties of Haloferax gibbonsii LR2-5, the Host of Euryarchaeal Virus HFTV1. Frontiers in Microbiology, 2021, 12, 625599.	3.5	9
22	Endocytic trafficking promotes vacuolar enlargements for fast cell expansion rates in plants. ELife, 0, 11, .	6.0	8
23	Growth Phase Dependent Cell Shape of Haloarcula. Microorganisms, 2021, 9, 231.	3.6	7
24	Does light taste salty?. Plant Signaling and Behavior, 2008, 3, 72-73.	2.4	3