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List of Publications by Year
in descending order

21	2,865	471061 17	713013 21
papers	citations	h-index	g-index

21	21	21	3480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a Plant Nitric Oxide Synthase Gene Involved in Hormonal Signaling. Science, 2003, 302, 100-103.	6.0	812
2	Arabidopsis Nitric Oxide Synthase1 Is Targeted to Mitochondria and Protects against Oxidative Damage and Dark-Induced Senescence. Plant Cell, 2005, 17, 3436-3450.	3.1	391
3	The Nitrate Transporter AtNRT1.1 (CHL1) Functions in Stomatal Opening and Contributes to Drought Susceptibility in Arabidopsis. Plant Cell, 2003, 15, 107-117.	3.1	273
4	New insights into nitric oxide metabolism and regulatory functions. Trends in Plant Science, 2005, 10, 195-200.	4.3	222
5	Metabolic Reprogramming in Chloroplasts under Heat Stress in Plants. International Journal of Molecular Sciences, 2018, 19, 849.	1.8	179
6	Nuclear-encoded synthesis of the D1 subunit of photosystem II increases photosynthetic efficiency and crop yield. Nature Plants, 2020, 6, 570-580.	4.7	122
7	The Arabidopsis dualâ€affinity nitrate transporter gene AtNRT1.1 (CHL1) is regulated by auxin in both shoots and roots. Journal of Experimental Botany, 2002, 53, 835-844.	2.4	115
8	Chloroplast Retrograde Regulation of Heat Stress Responses in Plants. Frontiers in Plant Science, 2016, 7, 398.	1.7	100
9	Downregulation of Chloroplast RPS1 Negatively Modulates Nuclear Heat-Responsive Expression of HsfA2 and Its Target Genes in Arabidopsis. PLoS Genetics, 2012, 8, e1002669.	1.5	99
10	The Arabidopsis Dual-Affinity Nitrate Transporter Gene AtNRT1.1 (CHL1) Is Activated and Functions in Nascent Organ Development during Vegetative and Reproductive Growth. Plant Cell, 2001, 13, 1761-1777.	3.1	94
11	Nitric Oxide Deficiency Accelerates Chlorophyll Breakdown and Stability Loss of Thylakoid Membranes during Dark-Induced Leaf Senescence in Arabidopsis. PLoS ONE, 2013, 8, e56345.	1.1	71
12	Nitric Oxide Mediates Cytokinin Functions in Cell Proliferation and Meristem Maintenance in Arabidopsis. Molecular Plant, 2013, 6, 1214-1225.	3.9	68
13	Carbonylation and Loss-of-Function Analyses of SBPase Reveal Its Metabolic Interface Role in Oxidative Stress, Carbon Assimilation, and Multiple Aspects of Growth and Development in Arabidopsis. Molecular Plant, 2012, 5, 1082-1099.	3.9	66
14	SPL6 represses signalling outputs of ER stress in control of panicle cell death in rice. Nature Plants, 2018, 4, 280-288.	4.7	60
15	Identification of core subunits of photosystemÂ<scp>II</scp> as action sites of <scp>HSP</scp>21, which is activated by the <scp>GUN</scp>5â€mediated retrograde pathway in Arabidopsis. Plant Journal, 2017, 89, 1106-1118.	2.8	52
16	Nitric Oxide Regulates Darkâ€induced Leaf Senescence Through EIN2 in Arabidopsis^F. Journal of Integrative Plant Biology, 2012, 54, 516-525.	4.1	50
17	Putative zeatin Oâ€glucosyltransferase OscZOG1 regulates root and shoot development and formation of agronomic traits in rice. Journal of Integrative Plant Biology, 2016, 58, 627-641.	4.1	39
18	A nitric oxide burst at the shoot apex triggers a heat-responsive pathway in Arabidopsis. Nature Plants, 2022, 8, 434-450.	4.7	20

#	Article	IF	Citations
19	PBR1 selectively controls biogenesis of photosynthetic complexes by modulating translation of the large chloroplast gene Ycf1 in Arabidopsis. Cell Discovery, 2016, 2, 16003.	3.1	18
20	Regulation of Calvinâ€“Benson cycle enzymes under high temperature stress. ABIOTECH, 2022, 3, 65-77.	1.8	9
21	Lipidomic Remodeling in Begonia grandis Under Heat Stress. Frontiers in Plant Science, 2022, 13, 843942.	1.7	5