

# Giovanni Dalcorso

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28  
papers

2,137  
citations

18  
h-index

31  
g-index

31  
ext. papers

2,560  
ext. citations

7.1  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
28	A complex containing PGRL1 and PGR5 is involved in the switch between linear and cyclic electron flow in Arabidopsis. <i>Cell</i> , <b>2008</b> , 132, 273-85	56.2	397
27	How plants cope with cadmium: staking all on metabolism and gene expression. <i>Journal of Integrative Plant Biology</i> , <b>2008</b> , 50, 1268-80	8.3	363
26	Regulatory networks of cadmium stress in plants. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 663-7	2.5	296
25	An overview of heavy metal challenge in plants: from roots to shoots. <i>Metallomics</i> , <b>2013</b> , 5, 1117-32	4.5	184
24	Heavy Metal Pollutions: State of the Art and Innovation in Phytoremediation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	141
23	Nutrient metal elements in plants. <i>Metallomics</i> , <b>2014</b> , 6, 1770-88	4.5	110
22	The potential of genetic engineering of plants for the remediation of soils contaminated with heavy metals. <i>Plant, Cell and Environment</i> , <b>2018</b> , 41, 1201-1232	8.4	108
21	The Brassica juncea BjCdR15, an ortholog of Arabidopsis TGA3, is a regulator of cadmium uptake, transport and accumulation in shoots and confers cadmium tolerance in transgenic plants. <i>New Phytologist</i> , <b>2010</b> , 185, 964-78	9.8	97
20	Proteomic analysis of Arabidopsis halleri shoots in response to the heavy metals cadmium and zinc and rhizosphere microorganisms. <i>Proteomics</i> , <b>2009</b> , 9, 4837-50	4.8	92
19	Nuclear insertions of organellar DNA can create novel patches of functional exon sequences. <i>Trends in Genetics</i> , <b>2007</b> , 23, 597-601	8.5	55
18	Recent advances in the analysis of metal hyperaccumulation and hypertolerance in plants using proteomics. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 280	6.2	42
17	Pseudomonas putida response to cadmium: changes in membrane and cytosolic proteomes. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4169-79	5.6	38
16	Functional components of the bacterial CzcCBA efflux system reduce cadmium uptake and accumulation in transgenic tobacco plants. <i>New Biotechnology</i> , <b>2017</b> , 35, 54-61	6.4	29
15	The Arabidopsis thaliana transcription factor MYB59 regulates calcium signalling during plant growth and stress response. <i>Plant Molecular Biology</i> , <b>2019</b> , 99, 517-534	4.6	24
14	Evolution of the metal hyperaccumulation and hypertolerance traits. <i>Plant, Cell and Environment</i> , <b>2020</b> , 43, 2969-2986	8.4	22
13	AtSIA1 AND AtOSA1: two Abc1 proteins involved in oxidative stress responses and iron distribution within chloroplasts. <i>New Phytologist</i> , <b>2014</b> , 201, 452-465	9.8	20
12	The MTP1 promoters from Arabidopsis halleri reveal cis-regulating elements for the evolution of metal tolerance. <i>New Phytologist</i> , <b>2017</b> , 214, 1614-1630	9.8	19

11	Heavy Metal Toxicity in Plants. <i>Springer Briefs in Molecular Science</i> , <b>2012</b> , 1-25	0.6	19
10	Endomembrane Reorganization Induced by Heavy Metals. <i>Plants</i> , <b>2020</b> , 9,	4.5	15
9	Loss of the Atypical Kinases ABC1K7 and ABC1K8 Changes the Lipid Composition of the Chloroplast Membrane. <i>Plant and Cell Physiology</i> , <b>2015</b> , 56, 1193-204	4.9	11
8	Cadmium affects the expression of ELF4, a circadian clock gene in Arabidopsis. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 72, 115-122	5.9	10
7	Phytoremediatory efficiency of <i>Chrysopogon zizanioides</i> in the treatment of landfill leachate: a case study. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 10057-10069	5.1	8
6	The Tomato Metalloprotease Inhibitor I, which Interacts with a Heavy Metal-Associated Isoprenylated Protein, Is Implicated in Plant Response to Cadmium. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
5	Heavy metals modulate DNA compaction and methylation at CpG sites in the metal hyperaccumulator <i>Arabidopsis halleri</i> . <i>Environmental and Molecular Mutagenesis</i> , <b>2021</b> , 62, 133-142	3.2	6
4	Enhancement of Zn tolerance and accumulation in plants mediated by the expression of <i>Saccharomyces cerevisiae</i> vacuolar transporter ZRC1. <i>Planta</i> , <b>2021</b> , 253, 117	4.7	4
3	The Role of the Atypical Kinases ABC1K7 and ABC1K8 in Abscisic Acid Responses. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 366	6.2	4
2	Comparative analysis identifies micro-RNA associated with nutrient homeostasis, development and stress response in <i>Arabidopsis thaliana</i> upon high Zn and metal hyperaccumulator <i>Arabidopsis halleri</i> . <i>Physiologia Plantarum</i> , <b>2021</b> , 173, 920-934	4.6	2
1	MYB59 transcription factor behaves differently in metallicolous and non-metallicolous populations of <i>Arabidopsis halleri</i> . <i>Functional Plant Biology</i> , <b>2021</b> , 48, 916-923	2.7	1