

# Giovanni Dalcorso

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2679310/giovanni-dalcorso-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
27	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
26	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
25	MYB59 transcription factor behaves differently in metalcolous and non-metallicolous populations of <i>Arabidopsis halleri</i> . <i>Functional Plant Biology</i> , <b>2021</b> , 48, 916-923	2.7	1
24	Evolution of the metal hyperaccumulation and hypertolerance traits. <i>Plant, Cell and Environment</i> , <b>2020</b> , 43, 2969-2986	8.4	22
23	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
22	Endomembrane Reorganization Induced by Heavy Metals. <i>Plants</i> , <b>2020</b> , 9,	4.5	15
21	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
20	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
19	The <i>Arabidopsis thaliana</i> 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
18	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
17	The MTP1 promoters from <i>Arabidopsis halleri</i> reveal cis-regulating elements for the evolution of metal tolerance. <i>New Phytologist</i> , <b>2017</b> , 214, 1614-1630	9.8	19
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 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
14	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
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	Nutrient metal elements in plants. <i>Metallomics</i> , <b>2014</b> , 6, 1770-88	4.5	110

11	An overview of heavy metal challenge in plants: from roots to shoots. <i>Metallomics</i> , <b>2013</b> , 5, 1117-32	4.5	184
10	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
9	<i>Pseudomonas putida</i> response to cadmium: changes in membrane and cytosolic proteomes. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4169-79	5.6	38
8	Heavy Metal Toxicity in Plants. <i>Springer Briefs in Molecular Science</i> , <b>2012</b> , 1-25	0.6	19
7	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
6	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
5	Regulatory networks of cadmium stress in plants. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 663-7	2.5	296
4	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
3	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
2	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
1	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