

Magdalena Rossi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8928832/magdalena-rossi-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.

56
papers

2,294
citations

27
h-index

47
g-index

62
ext. papers

2,745
ext. citations

5.9
avg, IF

4.46
L-index

#	Paper	IF	Citations
56	Metabolome of <i>Ceratodon purpureus</i> (Hedw.) Brid., a cosmopolitan moss: the influence of seasonality.. <i>Planta</i> , 2022 , 255, 77	4.7	3
55	Phytochrome-Mediated Light Perception Affects Fruit Development and Ripening Through Epigenetic Mechanisms.. <i>Frontiers in Plant Science</i> , 2022 , 13, 870974	6.2	
54	Regulatory mechanisms behind the phenotypic plasticity associated with <i>Setaria italica</i> water deficit tolerance.. <i>Plant Molecular Biology</i> , 2022 , 1	4.6	
53	WRKY transcription factors and ethylene signaling modify root growth during the shade avoidance response. <i>Plant Physiology</i> , 2021 ,	6.6	2
52	The cytosolic invertase NI6 affects vegetative growth, flowering, fruit set, and yield in tomato. <i>Journal of Experimental Botany</i> , 2021 , 72, 2525-2543	7	2
51	Multifaceted roles of nitric oxide in tomato fruit ripening: NO-induced metabolic rewiring and consequences for fruit quality traits. <i>Journal of Experimental Botany</i> , 2021 , 72, 941-958	7	21
50	Extremely low nucleotide diversity among thirty-six new chloroplast genome sequences from (Heliantheae, Asteraceae) and comparative chloroplast genomics analyses with closely related genera. <i>PeerJ</i> , 2021 , 9, e10886	3.1	5
49	The Regulation of Floral Colour Change in (DC.) Gardner. <i>Molecules</i> , 2020 , 25,	4.8	2
48	Phytochrome-Dependent Temperature Perception Modulates Isoprenoid Metabolism. <i>Plant Physiology</i> , 2020 , 183, 869-882	6.6	9
47	Beyond the limits of photoperception: constitutively active PHYTOCHROME B2 overexpression as a means of improving fruit nutritional quality in tomato. <i>Plant Biotechnology Journal</i> , 2020 , 18, 2027	11.6	15
46	Light and ripening-regulated BBX protein-encoding genes in <i>Solanum lycopersicum</i> . <i>Scientific Reports</i> , 2020 , 10, 19235	4.9	4
45	Downregulation of PHYTOCHROME-INTERACTING FACTOR 4 Influences Plant Development and Fruit Production. <i>Plant Physiology</i> , 2019 , 181, 1360-1370	6.6	16
44	Acylated Flavonoid Glycosides are the Main Pigments that Determine the Flower Colour of the Brazilian Native Tree (Cham.) Cogn. <i>Molecules</i> , 2019 , 24,	4.8	18
43	<i>Solanum lycopersicum</i> GOLDEN 2-LIKE 2 transcription factor affects fruit quality in a light- and auxin-dependent manner. <i>PLoS ONE</i> , 2019 , 14, e0212224	3.7	13
42	PHYTOCHROME-INTERACTING FACTOR 3 mediates light-dependent induction of tocopherol biosynthesis during tomato fruit ripening. <i>Plant, Cell and Environment</i> , 2019 , 42, 1328-1339	8.4	32
41	Fruit-localized phytochromes regulate plastid biogenesis, starch synthesis, and carotenoid metabolism in tomato. <i>Journal of Experimental Botany</i> , 2018 , 69, 3573-3586	7	31
40	The genetic architecture of photosynthesis and plant growth-related traits in tomato. <i>Plant, Cell and Environment</i> , 2018 , 41, 327-341	8.4	40

39	A Tomato Tocopherol-Binding Protein Sheds Light on Intracellular Tocopherol Metabolism in Plants. <i>Plant and Cell Physiology</i> , 2018 , 59, 2188-2203	4.9	13
38	Light, Ethylene and Auxin Signaling Interaction Regulates Carotenoid Biosynthesis During Tomato Fruit Ripening. <i>Frontiers in Plant Science</i> , 2018 , 9, 1370	6.2	44
37	Phytochromobilin deficiency impairs sugar metabolism through the regulation of cytokinin and auxin signaling in tomato fruits. <i>Scientific Reports</i> , 2017 , 7, 7822	4.9	28
36	Manipulation of a Senescence-Associated Gene Improves Fleshy Fruit Yield. <i>Plant Physiology</i> , 2017 , 175, 77-91	6.6	44
35	Essential role for phytol kinase and tocopherol in tolerance to combined light and temperature stress in tomato. <i>Journal of Experimental Botany</i> , 2017 , 68, 5845-5856	7	47
34	Pheophytinase Knockdown Impacts Carbon Metabolism and Nutraceutical Content Under Normal Growth Conditions in Tomato. <i>Plant and Cell Physiology</i> , 2016 , 57, 642-53	4.9	22
33	Down-regulation of tomato PHYTOL KINASE strongly impairs tocopherol biosynthesis and affects prenyl lipid metabolism in an organ-specific manner. <i>Journal of Experimental Botany</i> , 2016 , 67, 919-34	7	33
32	Nitric Oxide, Ethylene, and Auxin Cross Talk Mediates Greening and Plastid Development in Deetioliating Tomato Seedlings. <i>Plant Physiology</i> , 2016 , 170, 2278-94	6.6	50
31	Phytochrome Interacting Factors (PIFs) in <i>Solanum lycopersicum</i> : Diversity, Evolutionary History and Expression Profiling during Different Developmental Processes. <i>PLoS ONE</i> , 2016 , 11, e0165929	3.7	28
30	Fruits from ripening impaired, chlorophyll degraded and jasmonate insensitive tomato mutants have altered tocopherol content and composition. <i>Phytochemistry</i> , 2015 , 111, 72-83	4	22
29	Comparative transcriptome analysis of early somatic embryo formation and seed development in Brazilian pine, <i>Araucaria angustifolia</i> (Bertol.) Kuntze. <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 120, 903-915	2.7	39
28	Identification and Evaluation of Reference Genes for Quantitative Analysis of Brazilian Pine (<i>Araucaria angustifolia</i> Bertol. Kuntze) Gene Expression. <i>PLoS ONE</i> , 2015 , 10, e0136714	3.7	8
27	Crop yield: challenges from a metabolic perspective. <i>Current Opinion in Plant Biology</i> , 2015 , 25, 79-89	9.9	43
26	Silencing of the tomato sugar partitioning affecting protein (SPA) modifies sink strength through a shift in leaf sugar metabolism. <i>Plant Journal</i> , 2014 , 77, 676-87	6.9	15
25	Natural occurring epialleles determine vitamin E accumulation in tomato fruits. <i>Nature Communications</i> , 2014 , 5, 3027	17.4	128
24	Plant degreening: evolution and expression of tomato (<i>Solanum lycopersicum</i>) dephytylation enzymes. <i>Gene</i> , 2014 , 546, 359-66	3.8	13
23	Different mechanisms are responsible for chlorophyll dephytylation during fruit ripening and leaf senescence in tomato. <i>Plant Physiology</i> , 2014 , 166, 44-56	6.6	66
22	Acquisition and diversification of tendrilled leaves in Bignoniaceae (Bignoniaceae) involved changes in expression patterns of SHOOTMERISTEMLESS (STM), LEAFY/FLORECAULA (LFY/FLO), and PHANTASTICA (PHAN). <i>New Phytologist</i> , 2014 , 201, 993-1008	9.8	9

21	Transcriptional regulation of tocopherol biosynthesis in tomato. <i>Plant Molecular Biology</i> , 2013 , 81, 309-246	67
20	Galacturonosyltransferase 4 silencing alters pectin composition and carbon partitioning in tomato. <i>Journal of Experimental Botany</i> , 2013 , 64, 2449-66	7 23
19	Mutator System Derivatives Isolated from Sugarcane Genome Sequence. <i>Tropical Plant Biology</i> , 2012 , 5, 233-243	1.6 7
18	Functional characterization of sugarcane mustang domesticated transposases and comparative diversity in sugarcane, rice, maize and sorghum. <i>Genetics and Molecular Biology</i> , 2012 , 35, 632-9	2 7
17	Strain-specific polyketide synthase genes of <i>Aspergillus niger</i> . <i>International Journal of Food Microbiology</i> , 2012 , 155, 137-45	5.8 29
16	Genetic dissection of vitamin E biosynthesis in tomato. <i>Journal of Experimental Botany</i> , 2011 , 62, 3781-98	58
15	Coupling virus-induced gene silencing to exogenous green fluorescence protein expression provides a highly efficient system for functional genomics in <i>Arabidopsis</i> and across all stages of tomato fruit development. <i>Plant Physiology</i> , 2011 , 156, 1278-91	6.6 37
14	Genomic analysis of wild tomato introgressions determining metabolism- and yield-associated traits. <i>Plant Physiology</i> , 2010 , 152, 1772-86	6.6 45
13	A candidate gene survey of quantitative trait loci affecting chemical composition in tomato fruit. <i>Journal of Experimental Botany</i> , 2008 , 59, 2875-90	7 39
12	Radiation of the Tnt1 retrotransposon superfamily in three Solanaceae genera. <i>BMC Evolutionary Biology</i> , 2007 , 7, 34	3 16
11	MudrA-like sequences from rice and sugarcane cluster as two bona fide transposon clades and two domesticated transposases. <i>Gene</i> , 2007 , 392, 117-25	3.8 15
10	Transcriptionally active transposable elements in recent hybrid sugarcane. <i>Plant Journal</i> , 2005 , 44, 707-169	49
9	The nematode-resistance gene, Mi-1, is associated with an inverted chromosomal segment in susceptible compared to resistant tomato. <i>Theoretical and Applied Genetics</i> , 2004 , 108, 1635-42	6 69
8	Analysis and functional annotation of an expressed sequence tag collection for tropical crop sugarcane. <i>Genome Research</i> , 2003 , 13, 2725-35	9.7 207
7	Differential expression of the members of the Asr gene family in tomato (<i>Lycopersicon esculentum</i>). <i>Plant Science</i> , 2001 , 161, 739-746	5.3 81
6	Survey of transposable elements in sugarcane expressed sequence tags (ESTs). <i>Genetics and Molecular Biology</i> , 2001 , 24, 147-154	2 37
5	Analysis of an abscisic acid (ABA)-responsive gene promoter belonging to the Asr gene family from tomato in homologous and heterologous systems. <i>Molecular Genetics and Genomics</i> , 1998 , 258, 1-8	21
4	The nematode resistance gene Mi of tomato confers resistance against the potato aphid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9750-4	11.5 572

- | | | |
|---|--|--------|
| 3 | <i>Asr</i> . <i>Molecular Genetics and Genomics</i> , 1996 , 252, 489 | 8 |
| 2 | Sequence of <i>Asr2</i> , a member of a gene family from <i>Lycopersicon esculentum</i> encoding chromosomal proteins: homology to an intron of the polygalacturonase gene. <i>DNA Sequence</i> , 1995 , 5, 225-7 | 6 |
| 1 | Tomato (<i>Lycopersicon esculentum</i>) genomic clone homologous to a gene encoding an abscisic acid-induced protein. <i>Plant Physiology</i> , 1994 , 104, 1073-4 | 6.6 33 |