

Simona Masiero

List of Publications by Year in descending order

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55
papers

5,913
citations

147726

31
h-index

149623

56
g-index

56
all docs

56
docs citations

56
times ranked

7489
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of the domesticated apple (<i>Malus Æ domestica</i> Borkh.). <i>Nature Genetics</i> , 2010, 42, 833-839.	9.4	1,891
2	A Complex Containing PGRL1 and PGR5 Is Involved in the Switch between Linear and Cyclic Electron Flow in <i>Arabidopsis</i> . <i>Cell</i> , 2008, 132, 273-285.	13.5	496
3	SPX1 is a phosphate-dependent inhibitor of PHOSPHATE STARVATION RESPONSE 1 in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14947-14952.	3.3	372
4	Genetic and Molecular Interactions between BELL1 and MADS Box Factors Support Ovule Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 2544-2556.	3.1	178
5	The Emerging Importance of Type I MADS Box Transcription Factors for Plant Reproduction. <i>Plant Cell</i> , 2011, 23, 865-872.	3.1	177
6	Functional Characterization of OsMADS18, a Member of the AP1/SQUA Subfamily of MADS Box Genes. <i>Plant Physiology</i> , 2004, 135, 2207-2219.	2.3	164
7	Multiple AGAMOUS Homologs from Cucumber and Petunia Differ in Their Ability to Induce Reproductive Organ Fate. <i>Plant Cell</i> , 1998, 10, 171-182.	3.1	154
8	TCP14 and TCP15 Mediate the Promotion of Seed Germination by Gibberellins in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2015, 8, 482-485.	3.9	139
9	<i>AGL23</i> , a type I MADS-box gene that controls female gametophyte and embryo development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2008, 54, 1037-1048.	2.8	130
10	Nuclear Photosynthetic Gene Expression Is Synergistically Modulated by Rates of Protein Synthesis in Chloroplasts and Mitochondria. <i>Plant Cell</i> , 2006, 18, 970-991.	3.1	117
11	Fruit ripening: the role of hormones, cell wall modifications, and their relationship with pathogens. <i>Journal of Experimental Botany</i> , 2019, 70, 2993-3006.	2.4	112
12	Cytoplasmic N-Terminal Protein Acetylation Is Required for Efficient Photosynthesis in <i>Arabidopsis</i> [W]. <i>Plant Cell</i> , 2003, 15, 1817-1832.	3.1	107
13	Maternal Control of PIN1 Is Required for Female Gametophyte Development in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2013, 8, e66148.	1.1	106
14	An integrative model of the control of ovule primordia formation. <i>Plant Journal</i> , 2013, 76, 446-455.	2.8	105
15	Ternary Complex Formation between MADS-box Transcription Factors and the Histone Fold Protein NF-YB. <i>Journal of Biological Chemistry</i> , 2002, 277, 26429-26435.	1.6	104
16	GUN1 Controls Accumulation of the Plastid Ribosomal Protein S1 at the Protein Level and Interacts with Proteins Involved in Plastid Protein Homeostasis. <i>Plant Physiology</i> , 2016, 170, 1817-1830.	2.3	100
17	INCOMPOSITA: a MADS-box gene controlling prophyll development and floral meristem identity in <i>Antirrhinum</i> . <i>Development (Cambridge)</i> , 2004, 131, 5981-5990.	1.2	94
18	Genetic regulation and structural changes during tomato fruit development and ripening. <i>Frontiers in Plant Science</i> , 2014, 5, 124.	1.7	94

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19	Mutants, Overexpressors, and Interactors of Arabidopsis Plastocyanin Isoforms: Revised Roles of Plastocyanin in Photosynthetic Electron Flow and Thylakoid Redox State. <i>Molecular Plant</i> , 2009, 2, 236-248.	3.9	92
20	Comparative analysis of rice MADS-box genes expressed during flower development. <i>Sexual Plant Reproduction</i> , 2002, 15, 113-122.	2.2	91
21	Versatile roles of Arabidopsis plastid ribosomal proteins in plant growth and development. <i>Plant Journal</i> , 2012, 72, 922-934.	2.8	89
22	Cross talk between the sporophyte and the megagametophyte during ovule development. <i>Sexual Plant Reproduction</i> , 2011, 24, 113-121.	2.2	85
23	MADS Domain Transcription Factors Mediate Short-Range DNA Looping That Is Essential for Target Gene Expression in Arabidopsis. <i>Plant Cell</i> , 2013, 25, 2560-2572.	3.1	65
24	Differential expression patterns of arabinogalactan proteins in Arabidopsis thaliana reproductive tissues. <i>Journal of Experimental Botany</i> , 2014, 65, 5459-5471.	2.4	65
25	Breeding for grapevine downy mildew resistance: a review of omics approaches. <i>Euphytica</i> , 2017, 213, 1. 0.6	0.6	65
26	Expression-based and co-localization detection of arabinogalactan protein 6 and arabinogalactan protein 11 interactors in Arabidopsis pollen and pollen tubes. <i>BMC Plant Biology</i> , 2013, 13, 7.	1.6	61
27	“Love Is Strong, and You’re so Sweet” JAGGER Is Essential for Persistent Synergid Degeneration and Polytubey Block in Arabidopsis thaliana. <i>Molecular Plant</i> , 2016, 9, 601-614.	3.9	60
28	BRANCHED SILKLESS mediates the transition from spikelet to floral meristem during Zea mays ear development. <i>Plant Journal</i> , 1998, 16, 355-363.	2.8	45
29	Characterization of TM8, a MADS-box gene expressed in tomato flowers. <i>BMC Plant Biology</i> , 2014, 14, 319.	1.6	44
30	Seed abscission and fruit dehiscence required for seed dispersal rely on similar genetic networks. <i>Development (Cambridge)</i> , 2016, 143, 3372-81.	1.2	40
31	The Arabidopsis NF-YA3 and NF-YA8 Genes Are Functionally Redundant and Are Required in Early Embryogenesis. <i>PLoS ONE</i> , 2013, 8, e82043.	1.1	39
32	Time-Course Transcriptome Analysis of Arabidopsis Siliques Discloses Genes Essential for Fruit Development and Maturation. <i>Plant Physiology</i> , 2018, 178, 1249-1268.	2.3	37
33	The NAC side of the fruit: tuning of fruit development and maturation. <i>BMC Plant Biology</i> , 2021, 21, 238.	1.6	35
34	Peptide aptamers: The versatile role of specific protein function inhibitors in plant biotechnology. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 892-901.	4.1	33
35	The plastid transcription machinery and its coordination with the expression of nuclear genome: Plastid-Encoded Polymerase, Nuclear-Encoded Polymerase and the Genomes Uncoupled 1-mediated retrograde communication. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190399.	1.8	28
36	The non-specific lipid transfer protein N5 of Medicago truncatula is implicated in epidermal stages of rhizobium-host interaction. <i>BMC Plant Biology</i> , 2012, 12, 233.	1.6	27

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37	Emergent Ascomycetes in Viticulture: An Interdisciplinary Overview. <i>Frontiers in Plant Science</i> , 2019, 10, 1394.	1.7	26
38	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. <i>Scientific Reports</i> , 2020, 10, 17574.	1.6	23
39	A CYCLOIDEA-like gene mutation in sunflower determines an unusual floret type able to produce filled achenes at the periphery of the pseudanthium. <i>Botany</i> , 2015, 93, 171-181.	0.5	21
40	Trans-splicing of plastid rps12 transcripts, mediated by AtPPR4, is essential for embryo patterning in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2018, 248, 257-265.	1.6	19
41	Transcriptomic Signatures in Seeds of Apple (<i>Malus domestica</i> L. Borkh) during Fruitlet Abscission. <i>PLoS ONE</i> , 2015, 10, e0120503.	1.1	19
42	SUPPRESSOR OF FRIGIDA (SUF4) Supports Gamete Fusion via Regulating <i>Arabidopsis</i> <i>EC1</i> Gene Expression. <i>Plant Physiology</i> , 2017, 173, 155-166.	2.3	18
43	CRP1 Protein: (dis)similarities between <i>Arabidopsis thaliana</i> and <i>Zea mays</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 163.	1.7	17
44	Paving the Way for Fertilization: The Role of the Transmitting Tract. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2603.	1.8	17
45	The <i>Arabidopsis</i> MADS-Domain Transcription Factor SEEDSTICK Controls Seed Size via Direct Activation of E2Fa. <i>Plants</i> , 2021, 10, 192.	1.6	15
46	Game-changing alternatives to conventional fungicides: small RNAs and short peptides. <i>Trends in Biotechnology</i> , 2022, 40, 320-337.	4.9	14
47	Fleshy seeds form in the basal Angiosperm <i>Magnolia grandiflora</i> and several MADS-box genes are expressed as fleshy seed tissues develop. <i>Evolution & Development</i> , 2015, 17, 82-91.	1.1	13
48	Multiple AGAMOUS Homologs from Cucumber and <i>Petunia</i> Differ in Their Ability to Induce Reproductive Organ Fate. <i>Plant Cell</i> , 1998, 10, 171.	3.1	12
49	ROSINA (RSI), a novel protein with DNA-binding capacity, acts during floral organ development in <i>Antirrhinum majus</i> . <i>Plant Journal</i> , 2005, 43, 238-250.	2.8	11
50	BbrizAGL6 Is Differentially Expressed During Embryo Sac Formation of Apomictic and Sexual <i>Brachiaria brizantha</i> Plants. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 1397-1406.	1.0	10
51	ERAMOSA controls lateral branching in snapdragon. <i>Scientific Reports</i> , 2017, 7, 41319.	1.6	10
52	Genetic Interaction of SEEDSTICK, GORDITA and AUXIN RESPONSE FACTOR 2 during Seed Development. <i>Genes</i> , 2021, 12, 1189.	1.0	8
53	Expression and Functional Analyses of <i>Nymphaea caerulea</i> MADS-Box Genes Contribute to Clarify the Complex Flower Patterning of Water Lilies. <i>Frontiers in Plant Science</i> , 2021, 12, 730270.	1.7	5
54	HEBE, a novel positive regulator of senescence in <i>Solanum lycopersicum</i> . <i>Scientific Reports</i> , 2020, 10, 11021.	1.6	4

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55	Chlorophytum comosum: A Bio-Indicator for Assessing the Accumulation of Heavy Metals Present in The Aerosol Particulate Matter (PM). Applied Sciences (Switzerland), 2021, 11, 4348.	1.3	4