Simona Masiero

List of Publications by Year in descending order

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	Game-changing alternatives to conventional fungicides: small RNAs and short peptides. Trends in Biotechnology, 2022, 40, 320-337.	4.9	14
2	Paving the Way for Fertilization: The Role of the Transmitting Tract. International Journal of Molecular Sciences, 2021, 22, 2603.	1.8	17
3	The NAC side of the fruit: tuning of fruit development and maturation. BMC Plant Biology, 2021, 21, 238.	1.6	35
4	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
5	Genetic Interaction of SEEDSTICK, GORDITA and AUXIN RESPONSE FACTOR 2 during Seed Development. Genes, 2021, 12, 1189.	1.0	8
6	Expression and Functional Analyses of Nymphaea caerulea MADS-Box Genes Contribute to Clarify the Complex Flower Patterning of Water Lilies. Frontiers in Plant Science, 2021, 12, 730270.	1.7	5
7	The Arabidopsis MADS-Domain Transcription Factor SEEDSTICK Controls Seed Size via Direct Activation of E2Fa. Plants, 2021, 10, 192.	1.6	15
8	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. Scientific Reports, 2020, 10, 17574.	1.6	23
9	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. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190399.	1.8	28
10	HEBE, a novel positive regulator of senescence in Solanum lycopersicum. Scientific Reports, 2020, 10, 11021.	1.6	4
11	Fruit ripening: the role of hormones, cell wall modifications, and their relationship with pathogens. Journal of Experimental Botany, 2019, 70, 2993-3006.	2.4	112
12	Emergent Ascomycetes in Viticulture: An Interdisciplinary Overview. Frontiers in Plant Science, 2019, 10, 1394.	1.7	26
13	Trans-splicing of plastid rps12 transcripts, mediated by AtPPR4, is essential for embryo patterning in Arabidopsis thaliana. Planta, 2018, 248, 257-265.	1.6	19
14	Time-Course Transcriptome Analysis of Arabidopsis Siliques Discloses Genes Essential for Fruit Development and Maturation. Plant Physiology, 2018, 178, 1249-1268.	2.3	37
15	ERAMOSA controls lateral branching in snapdragon. Scientific Reports, 2017, 7, 41319.	1.6	10
16	Breeding for grapevine downy mildew resistance: aÂreviewÂof â€œomicsâ€•approaches. Euphytica, 2017, 213, 1.	0.6	65
17	SUPPRESSOR OF FRIGIDA (SUF4) Supports Gamete Fusion via Regulating Arabidopsis EC1 Gene Expression. Plant Physiology, 2017, 173, 155-166.	2.3	18
18	CRP1 Protein: (dis)similarities between Arabidopsis thaliana and Zea mays. Frontiers in Plant Science, 2017, 8, 163.	1.7	17

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19	Seed abscission and fruit dehiscence required for seed dispersal rely on similar genetic networks. Development (Cambridge), 2016, 143, 3372-81.	1.2	40
20	GUN1 Controls Accumulation of the Plastid Ribosomal Protein S1 at the Protein Level and Interacts with Proteins Involved in Plastid Protein Homeostasis. Plant Physiology, 2016, 170, 1817-1830.	2.3	100
21	â€œLove Is Strong, and You're so Sweetâ€• JAGGER Is Essential for Persistent Synergid Degeneration and Polytubey Block in Arabidopsis thaliana. Molecular Plant, 2016, 9, 601-614.	3.9	60
22	Fleshy seeds form in the basal Angiosperm Magnolia grandiflora and several MADSâ€box genes are expressed as fleshy seed tissues develop. Evolution & Development, 2015, 17, 82-91.	1.1	13
23	A CYCLOIDEA-like gene mutation in sunflower determines an unusual floret type able to produce filled achenes at the periphery of the pseudanthium. Botany, 2015, 93, 171-181.	0.5	21
24	Peptide aptamers: The versatile role of specific protein function inhibitors in plant biotechnology. Journal of Integrative Plant Biology, 2015, 57, 892-901.	4.1	33
25	TCP14 and TCP15 Mediate the Promotion of Seed Germination by Gibberellins in Arabidopsis thaliana. Molecular Plant, 2015, 8, 482-485.	3.9	139
26	Transcriptomic Signatures in Seeds of Apple (Malus domestica L. Borkh) during Fruitlet Abscission. PLoS ONE, 2015, 10, e0120503.	1.1	19
27	Characterization of TM8, a MADS-box gene expressed in tomato flowers. BMC Plant Biology, 2014, 14, 319.	1.6	44
28	Genetic regulation and structural changes during tomato fruit development and ripening. Frontiers in Plant Science, 2014, 5, 124.	1.7	94
29	SPX1 is a phosphate-dependent inhibitor of PHOSPHATE STARVATION RESPONSE 1 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14947-14952.	3.3	372
30	Differential expression patterns of arabinogalactan proteins in Arabidopsis thaliana reproductive tissues. Journal of Experimental Botany, 2014, 65, 5459-5471.	2.4	65
31	BbrizAGL6 Is Differentially Expressed During Embryo Sac Formation of Apomictic and Sexual Brachiaria brizantha Plants. Plant Molecular Biology Reporter, 2013, 31, 1397-1406.	1.0	10
32	An integrative model of the control of ovule primordia formation. Plant Journal, 2013, 76, 446-455.	2.8	105
33	MADS Domain Transcription Factors Mediate Short-Range DNA Looping That Is Essential for Target Gene Expression in Arabidopsis. Plant Cell, 2013, 25, 2560-2572.	3.1	65
34	Expression-based and co-localization detection of arabinogalactan protein 6 and arabinogalactan protein 11 interactors in Arabidopsis pollen and pollen tubes. BMC Plant Biology, 2013, 13, 7.	1.6	61
35	Maternal Control of PIN1 Is Required for Female Gametophyte Development in Arabidopsis. PLoS ONE, 2013, 8, e66148.	1.1	106
36	The Arabidopsis NF-YA3 and NF-YA8 Genes Are Functionally Redundant and Are Required in Early Embryogenesis. PLoS ONE, 2013, 8, e82043.	1.1	39

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37	Versatile roles of Arabidopsis plastid ribosomal proteins in plant growth and development. Plant Journal, 2012, 72, 922-934.	2.8	89
38	The non-specific lipid transfer protein N5 of Medicago truncatula is implicated in epidermal stages of rhizobium-host interaction. BMC Plant Biology, 2012, 12, 233.	1.6	27
39	Cross talk between the sporophyte and the megagametophyte during ovule development. Sexual Plant Reproduction, 2011, 24, 113-121.	2.2	85
40	The Emerging Importance of Type I MADS Box Transcription Factors for Plant Reproduction. Plant Cell, 2011, 23, 865-872.	3.1	177
41	The genome of the domesticated apple (Malus Ã— domestica Borkh.). Nature Genetics, 2010, 42, 833-839.	9.4	1,891
42	Mutants, Overexpressors, and Interactors of Arabidopsis Plastocyanin Isoforms: Revised Roles of Plastocyanin in Photosynthetic Electron Flow and Thylakoid Redox State. Molecular Plant, 2009, 2, 236-248.	3.9	92
43	AGL23, a type I MADSâ€box gene that controls female gametophyte and embryo development in Arabidopsis. Plant Journal, 2008, 54, 1037-1048.	2.8	130
44	A Complex Containing PGRL1 and PGR5 Is Involved in the Switch between Linear andÂCyclic Electron Flow in Arabidopsis. Cell, 2008, 132, 273-285.	13.5	496
45	Genetic and Molecular Interactions between BELL1 and MADS Box Factors Support Ovule Development inArabidopsis. Plant Cell, 2007, 19, 2544-2556.	3.1	178
46	Nuclear Photosynthetic Gene Expression Is Synergistically Modulated by Rates of Protein Synthesis in Chloroplasts and Mitochondria. Plant Cell, 2006, 18, 970-991.	3.1	117
47	ROSINA (RSI), a novel protein with DNA-binding capacity, acts during floral organ development in Antirrhinum majus. Plant Journal, 2005, 43, 238-250.	2.8	11
48	INCOMPOSITA: a MADS-box gene controlling prophyll development and floral meristem identity in Antirrhinum. Development (Cambridge), 2004, 131, 5981-5990.	1.2	94
49	Functional Characterization of OsMADS18, a Member of the AP1/SQUA Subfamily of MADS Box Genes. Plant Physiology, 2004, 135, 2207-2219.	2.3	164
50	Cytoplasmic N-Terminal Protein Acetylation Is Required for Efficient Photosynthesis in Arabidopsis[W]. Plant Cell, 2003, 15, 1817-1832.	3.1	107
51	Ternary Complex Formation between MADS-box Transcription Factors and the Histone Fold Protein NF-YB. Journal of Biological Chemistry, 2002, 277, 26429-26435.	1.6	104
52	Comparative analysis of rice MADS-box genes expressed during flower development. Sexual Plant Reproduction, 2002, 15, 113-122.	2.2	91
53	BRANCHED SILKLESSmediates the transition from spikelet to floral meristem duringZea maysear development. Plant Journal, 1998, 16, 355-363.	2.8	45
54	Multiple AGAMOUS Homologs from Cucumber and Petunia Differ in Their Ability to Induce Reproductive Organ Fate. Plant Cell, 1998, 10, 171-182.	3.1	154

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55	Multiple AGAMOUS Homologs from Cucumber and Petunia Differ in Their Ability to Induce Reproductive Organ Fate. Plant Cell, 1998, 10, 171.	3.1	12