

Sonia Gazzarrini

List of Publications by Year in descending order

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31
papers

2,613
citations

331670

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docs citations

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times ranked

3064
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Functional Transporters for Constitutive, Diurnally Regulated, and Starvation-Induced Uptake of Ammonium into Arabidopsis Roots. <i>Plant Cell</i> , 1999, 11, 937-947.	6.6	435
2	The Transcription Factor FUSCA3 Controls Developmental Timing in Arabidopsis through the Hormones Gibberellin and Abscisic Acid. <i>Developmental Cell</i> , 2004, 7, 373-385.	7.0	352
3	Genetic interactions between ABA, ethylene and sugar signaling pathways. <i>Current Opinion in Plant Biology</i> , 2001, 4, 387-391.	7.1	264
4	Additive contribution of AMT1;1 and AMT1;3 to high-affinity ammonium uptake across the plasma membrane of nitrogen-deficient Arabidopsis roots. <i>Plant Journal</i> , 2006, 48, 522-534.	5.7	199
5	Cross-talk in Plant Hormone Signalling: What Arabidopsis Mutants Are Telling Us. <i>Annals of Botany</i> , 2003, 91, 605-612.	2.9	189
6	AKIN10 and FUSCA3 interact to control lateral organ development and phase transitions in Arabidopsis. <i>Plant Journal</i> , 2012, 69, 809-821.	5.7	160
7	Trehalose-6-phosphate and SnRK1 kinases in plant development and signaling: the emerging picture. <i>Frontiers in Plant Science</i> , 2014, 5, 119.	3.6	141
8	Regulation of mineral nitrogen uptake in plants. <i>Plant and Soil</i> , 1997, 196, 191-199.	3.7	117
9	The molecular physiology of ammonium uptake and retrieval. <i>Current Opinion in Plant Biology</i> , 2000, 3, 254-261.	7.1	90
10	The role of the Arabidopsis FUSCA3 transcription factor during inhibition of seed germination at high temperature. <i>BMC Plant Biology</i> , 2012, 12, 15.	3.6	70
11	Role of Basal ABA in Plant Growth and Development. <i>Genes</i> , 2021, 12, 1936.	2.4	69
12	Hormone cross-talk during seed germination. <i>Essays in Biochemistry</i> , 2015, 58, 151-164.	4.7	60
13	The embryonic leaf identity gene FUSCA3 regulates vegetative phase transitions by negatively modulating ethylene-regulated gene expression in Arabidopsis. <i>BMC Biology</i> , 2012, 10, 8.	3.8	44
14	The C-terminal domain of FUSCA3 negatively regulates mRNA and protein levels, and mediates sensitivity to the hormones abscisic acid and gibberellic acid in Arabidopsis. <i>Plant Journal</i> , 2010, 64, no-no.	5.7	40
15	ABA-dependent inhibition of the ubiquitin proteasome system during germination at high temperature in Arabidopsis. <i>Plant Journal</i> , 2016, 88, 749-761.	5.7	38
16	SnRK1 phosphorylation of FUSCA3 positively regulates embryogenesis, seed yield, and plant growth at high temperature in Arabidopsis. <i>Journal of Experimental Botany</i> , 2017, 68, 4219-4231.	4.8	36
17	An abscisic acid-responsive protein interaction network for sucrose non-fermenting related kinase1 in abiotic stress response. <i>Communications Biology</i> , 2020, 3, 145.	4.4	36
18	ABA and Bud Dormancy in Perennials: Current Knowledge and Future Perspective. <i>Genes</i> , 2021, 12, 1635.	2.4	36

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19	Spatiotemporal Restriction of <i>FUSCA3</i> Expression by Class I BPCs Promotes Ovule Development and Coordinates Embryo and Endosperm Growth. <i>Plant Cell</i> , 2020, 32, 1886-1904.	6.6	35
20	Overlapping and distinct roles of AKIN10 and FUSCA3 in ABA and sugar signaling during seed germination. <i>Plant Signaling and Behavior</i> , 2012, 7, 1238-1242.	2.4	34
21	GhTCP19 Transcription Factor Regulates Corm Dormancy Release by Repressing <i>GhNCED</i> Expression in <i>Gladiolus</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 52-62.	3.1	26
22	Crosstalk and abscisic acid: the roles of terpenoid hormones in coordinating development. <i>Physiologia Plantarum</i> , 2005, 123, 147-152.	5.2	25
23	Regulation of mineral nitrogen uptake in plants. , 1997, , 41-49.		25
24	The E3 ligase ABI3-INTERACTING PROTEIN2 negatively regulates FUSCA3 and plays a role in cotyledon development in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 1555-1567.	4.8	21
25	GhNAC83 inhibits corm dormancy release by regulating ABA signaling and cytokinin biosynthesis in <i>Gladiolus hybridus</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 1221-1237.	4.8	18
26	Inhibition of FUSCA3 degradation at high temperature is dependent on ABA signaling and is regulated by the ABA/GA ratio. <i>Plant Signaling and Behavior</i> , 2016, 11, e1247137.	2.4	13
27	<i>CBF4</i> / <i>DREB1D</i> represses <i>XERICO</i> to attenuate <i>ABA</i> , osmotic and drought stress responses in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2022, 110, 961-977.	5.7	12
28	Oxidative and salt stresses alter the 26S proteasome holoenzyme and associated protein profiles in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2021, 21, 486.	3.6	8
29	Three Functional Transporters for Constitutive, Diurnally Regulated, and Starvation-Induced Uptake of Ammonium into <i>Arabidopsis</i> Roots. <i>Plant Cell</i> , 1999, 11, 937.	6.6	7
30	Ammonium and Methylammonium Transport in <i>Egeria densa</i> Leaves in Conditions of Different H ⁺ Pump Activity. <i>Botanica Acta</i> , 1997, 110, 369-377.	1.6	6
31	SnRK1 β 1 Antagonizes Cell Death Induced by Transient Overexpression of <i>Arabidopsis thaliana</i> ABI5 Binding Protein 2 (AFP2). <i>Frontiers in Plant Science</i> , 2020, 11, 582208.	3.6	2