Mar M Castellano

List of Publications by Year
in descending order

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33	1,838	331670 21	454955 30
papers	citations	h-index	g-index

33	33	33	2101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Arabidopsis 14-3-3 Protein RARE COLD INDUCIBLE 1A Links Low-Temperature Response and Ethylene Biosynthesis to Regulate Freezing Tolerance and Cold Acclimation Â. Plant Cell, 2014, 26, 3326-3342.	6.6	178
2	G1 to S transition: more than a cell cycle engine switch. Current Opinion in Plant Biology, 2002, 5, 480-486.	7.1	155
3	DNA Replication Licensing Affects Cell Proliferation or Endoreplication in a Cell Typeâ€“Specific Manner. Plant Cell, 2004, 16, 2380-2393.	6.6	151
4	Expression and Stability of Arabidopsis CDC6 Are Associated with Endoreplication. Plant Cell, 2001, 13, 2671-2686.	6.6	137
5	A chromatin link that couples cell division to root epidermis patterning in Arabidopsis. Nature, 2007, 447, 213-217.	27.8	119
6	Analysis of Genome-Wide Changes in the Translatome of Arabidopsis Seedlings Subjected to Heat Stress. PLoS ONE, 2013, 8, e71425.	2.5	98
7	Geminivirus DNA replication and cell cycle interactions. Veterinary Microbiology, 2004, 98, 111-119.	1.9	94
8	Dissecting the proteome dynamics of the early heat stress response leading to plant survival or death in Arabidopsis. Plant, Cell and Environment, 2016, 39, 1264-1278.	5.7	94
9	Interaction of Geminivirus Rep Protein with Replication Factor C and Its Potential Role during Geminivirus DNA Replication. Virology, 2002, 302, 83-94.	2.4	82
10	Expression and Stability of Arabidopsis CDC6 Are Associated with Endoreplication. Plant Cell, 2001, 13, 2671-2686.	6.6	81
11	Targeted Destruction of DNA Replication Protein Cdc6 by Cell Death Pathways in Mammals and Yeast. Molecular Biology of the Cell, 2002, 13, 1536-1549.	2.1	75
12	Regulation of Translation by TOR, eIF4E and eIF2Î± in Plants: Current Knowledge, Challenges and Future Perspectives. Frontiers in Plant Science, 2017, 8, 644.	3.6	59
13	The genes encoding Arabidopsis ORC subunits are E2F targets and the two ORC1 genes are differently expressed in proliferating and endoreplicating cells. Nucleic Acids Research, 2005, 33, 5404-5414.	14.5	53
14	Initiation of DNA replication in a eukaryotic rolling-circle replicon: identification of multiple DNA-protein complexes at the geminivirus origin 1 1Edited by I. B. Holland. Journal of Molecular Biology, 1999, 290, 639-652.	4.2	52
15	HOP3, a member of the HOP family in Arabidopsis, interacts with BiP and plays a major role in the ER stress response. Plant, Cell and Environment, 2017, 40, 1341-1355.	5.7	52
16	Regulation of Translation Initiation under Abiotic Stress Conditions in Plants: Is It a Conserved or Not so Conserved Process among Eukaryotes?. Comparative and Functional Genomics, 2012, 2012, 1-8.	2.0	47
17	Regulation of Translation Initiation under Biotic and Abiotic Stresses. International Journal of Molecular Sciences, 2013, 14, 4670-4683.	4.1	45
18	Arabidopsis SME1 Regulates Plant Development and Response to Abiotic Stress by Determining Spliceosome Activity Specificity. Plant Cell, 2019, 31, 537-554.	6.6	42

#	Article	IF	Citations
19	HOP family plays a major role in longâ€term acquired thermotolerance in Arabidopsis. Plant, Cell and Environment, 2018, 41, 1852-1869.	5.7	37
20	Intercellular signalling in the transition from stem cells to organogenesis in meristems. Current Opinion in Plant Biology, 2005, 8, 26-31.	7.1	32
21	A novel eIF4E-interacting protein that forms non-canonical translation initiation complexes. Nature Plants, 2019, 5, 1283-1296.	9.3	26
22	Phosducin-Like Protein 3 Is Required for Microtubule-Dependent Steps of Cell Division but Not for Meristem Growth inArabidopsisÂ Â. Plant Cell, 2008, 20, 969-981.	6.6	24
23	Coimmunoprecipitation of Interacting Proteins in Plants. Methods in Molecular Biology, 2018, 1794, 279-287.	0.9	21
24	HOP3 a new regulator of the ER stress response in Arabidopsis with possible implications in plant development and response to biotic and abiotic stresses. Plant Signaling and Behavior, 2017, 12, e1317421.	2.4	20
25	Peculiarities of the regulation of translation initiation in plants. Current Opinion in Plant Biology, 2021, 63, 102073.	7.1	15
26	HOP, a Co-chaperone Involved in Response to Stress in Plants. Frontiers in Plant Science, 2020, 11, 591940.	3.6	12
27	GEM, a Novel Factor in the Coordination of Cell Division to Cell Fate Decisions in the Arabidopsis Epidermis. Plant Signaling and Behavior, 2007, 2, 494-495.	2.4	11
28	The coâ€chaperone HOP participates in TIR1 stabilisation and in auxin response in plants. Plant, Cell and Environment, 2022, 45, 2508-2519.	5.7	9
29	The co-chaperone HOP3 participates in jasmonic acid signaling by regulating CORONATINE-INSENSITIVE 1 activity. Plant Physiology, 2021, 187, 1679-1689.	4.8	7
30	eIF2Î± Phosphorylation by GCN2 Is Induced in the Presence of Chitin and Plays an Important Role in Plant Defense against B. cinerea Infection. International Journal of Molecular Sciences, 2020, 21, 7335.	4.1	5
31	Evolutionary Aspects of Translation Regulation During Abiotic Stress and Development in Plants. , 2016, , 477-490.		4
32	High overexpression of CERES, a plant regulator of translation, induces different phenotypical defence responses during TuMV infection. Plant Journal, 2021, 107, 256-267.	5.7	1
33	Editorial: Translation Regulation and Protein Folding. Frontiers in Plant Science, 2022, 13, 858794.	3.6	0