

Elena Caro

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,378
citations

516710

16
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

2069
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Binding of Chromomethylase Domains to H3K9me2-Containing Nucleosomes Directs DNA Methylation in Plants. <i>Cell</i> , 2012, 151, 167-180.	28.9	446
2	Regulation of heterochromatic DNA replication by histone H3 lysine 27 methyltransferases. <i>Nature</i> , 2010, 466, 987-991.	27.8	171
3	DNA Replication Licensing Affects Cell Proliferation or Endoreplication in a Cell Type-Specific Manner. <i>Plant Cell</i> , 2004, 16, 2380-2393.	6.6	151
4	A chromatin link that couples cell division to root epidermis patterning in Arabidopsis. <i>Nature</i> , 2007, 447, 213-217.	27.8	119
5	DNA Methyltransferases Are Required to Induce Heterochromatic Re-Replication in Arabidopsis. <i>PLoS Genetics</i> , 2012, 8, e1002808.	3.5	67
6	The SET-Domain Protein SUV5 Mediates H3K9me2 Deposition and Silencing at Stimulus Response Genes in a DNA Methylation-Independent Manner. <i>PLoS Genetics</i> , 2012, 8, e1002995.	3.5	54
7	GEM, a member of the GRAM domain family of proteins, is part of the ABA signaling pathway. <i>Scientific Reports</i> , 2016, 6, 22660.	3.3	44
8	Use of synthetic biology tools to optimize the production of active nitrogenase Fe protein in chloroplasts of tobacco leaf cells. <i>Plant Biotechnology Journal</i> , 2020, 18, 1882-1896.	8.3	39
9	A Molecular Switch for Initiating Cell Differentiation in Arabidopsis. <i>Current Biology</i> , 2011, 21, 999-1008.	3.9	36
10	Reactive Oxygen Species (ROS) and Nucleic Acid Modifications during Seed Dormancy. <i>Plants</i> , 2020, 9, 679.	3.5	35
11	Chromatin dynamics during the plant cell cycle. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 537-546.	5.0	34
12	Adaptation of the GoldenBraid modular cloning system and creation of a toolkit for the expression of heterologous proteins in yeast mitochondria. <i>BMC Biotechnology</i> , 2017, 17, 80.	3.3	32
13	Crosstalk between epigenetic silencing and infection by Tobacco rattle virus in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 1439-1452.	4.2	27
14	A green GEM: intriguing analogies with animal geminin. <i>Trends in Cell Biology</i> , 2007, 17, 580-585.	7.9	24
15	Benefits of using genomic insulators flanking transgenes to increase expression and avoid positional effects. <i>Scientific Reports</i> , 2019, 9, 8474.	3.3	23
16	Recognition motifs rather than phylogenetic origin influence the ability of targeting peptides to import nuclear-encoded recombinant proteins into rice mitochondria. <i>Transgenic Research</i> , 2020, 29, 37-52.	2.4	16
17	Effect of transcription terminator usage on the establishment of transgene transcriptional gene silencing. <i>BMC Research Notes</i> , 2018, 11, 511.	1.4	13
18	<i>Arabidopsis thaliana</i> Genes Associated with Cucumber mosaic virus Virulence and Their Link to Virus Seed Transmission. <i>Microorganisms</i> , 2021, 9, 692.	3.6	13

#	ARTICLE	IF	CITATIONS
19	GEM, a Novel Factor in the Coordination of Cell Division to Cell Fate Decisions in the Arabidopsis Epidermis. <i>Plant Signaling and Behavior</i> , 2007, 2, 494-495.	2.4	11
20	Hindrances to the Efficient and Stable Expression of Transgenes in Plant Synthetic Biology Approaches. , 2016, , 79-89.		7
21	Transit Peptides From Photosynthesis-Related Proteins Mediate Import of a Marker Protein Into Different Plastid Types and Within Different Species. <i>Frontiers in Plant Science</i> , 2020, 11, 560701.	3.6	6
22	GTL1 keeps cell growth and nuclear ploidy under control. <i>EMBO Journal</i> , 2012, 31, 4483-4485.	7.8	5
23	Endoreduplication control during plant development. <i>SEB Experimental Biology Series</i> , 2008, 59, 167-87.	0.1	5
24	Characterization of Plant Genetic Modifications Using Next-Generation Sequencing. , 2018, , 249-259.		0