

Rita Abranches

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,370
citations

394421

19
h-index

345221

36
g-index

43
all docs

43
docs citations

43
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgene integration, organization and interaction in plants. <i>Plant Molecular Biology</i> , 2003, 52, 247-258.	3.9	241
2	Transcription Sites Are Not Correlated with Chromosome Territories in Wheat Nuclei. <i>Journal of Cell Biology</i> , 1998, 143, 5-12.	5.2	135
3	Putting the Spotlight Back on Plant Suspension Cultures. <i>Frontiers in Plant Science</i> , 2016, 7, 297.	3.6	129
4	Genome size analyses of Pucciniales reveal the largest fungal genomes. <i>Frontiers in Plant Science</i> , 2014, 5, 422.	3.6	86
5	Cell Differentiation and Development in <i>Arabidopsis</i> Are Associated with Changes in Histone Dynamics at the Single-Cell Level. <i>Plant Cell</i> , 2015, 26, 4821-4833.	6.6	66
6	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. <i>Plant Journal</i> , 2000, 24, 713-723.	5.7	66
7	The Quest to Understand the Basis and Mechanisms that Control Expression of Introduced Transgenes in Crop Plants. <i>Plant Signaling and Behavior</i> , 2006, 1, 185-195.	2.4	61
8	The architecture of interphase chromosomes and gene positioning are altered by changes in DNA methylation and histone acetylation. <i>Journal of Cell Science</i> , 2002, 115, 4597-4605.	2.0	59
9	Plants as bioreactors: A comparative study suggests that <i>Medicago truncatula</i> is a promising production system. <i>Journal of Biotechnology</i> , 2005, 120, 121-134.	3.8	55
10	Development-dependent inheritance of 5-azacytidine-induced epimutations in triticale: analysis of rDNA expression patterns. <i>Chromosome Research</i> , 1997, 5, 445-450.	2.2	46
11	Contributions of the international plant science community to the fight against human infectious diseases – part 1: epidemic and pandemic diseases. <i>Plant Biotechnology Journal</i> , 2021, 19, 1901-1920.	8.3	44
12	Canthaxanthin, a Red-Hot Carotenoid: Applications, Synthesis, and Biosynthetic Evolution. <i>Plants</i> , 2020, 9, 1039.	3.5	43
13	The architecture of interphase chromosomes and nucleolar transcription sites in plants. <i>Journal of Structural Biology</i> , 2002, 140, 31-38.	2.8	34
14	Matrix attachment regions and regulated transcription increase and stabilize transgene expression. <i>Plant Biotechnology Journal</i> , 2005, 3, 535-543.	8.3	34
15	Contributions of the international plant science community to the fight against infectious diseases in humans – part 2: Affordable drugs in edible plants for endemic and re-emerging diseases. <i>Plant Biotechnology Journal</i> , 2021, 19, 1921-1936.	8.3	31
16	Cytogenomic characterization of <i>Colletotrichum kahawae</i> , the causal agent of coffee berry disease, reveals diversity in minichromosome profiles and genome size expansion. <i>Plant Pathology</i> , 2016, 65, 968-977.	2.4	30
17	Expression of a recombinant human erythropoietin in suspension cell cultures of <i>Arabidopsis</i> , tobacco and <i>Medicago</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 110, 171-181.	2.3	29
18	The nucleus: a highly organized but dynamic structure. <i>Journal of Microscopy</i> , 2000, 198, 199-207.	1.8	20

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19	Functional specialization of <i>Medicago truncatula</i> leaves and seeds does not affect the subcellular localization of a recombinant protein. <i>Planta</i> , 2008, 227, 649-658.	3.2	20
20	High levels of stable phytase accumulate in the culture medium of transgenic <i>Medicago truncatula</i> cell suspension cultures. <i>Biotechnology Journal</i> , 2008, 3, 916-923.	3.5	18
21	Low Protease Content in <i>Medicago truncatula</i> Cell Cultures Facilitates Recombinant Protein Production. <i>Biotechnology Journal</i> , 2018, 13, e1800050.	3.5	16
22	High-throughput transgene copy number estimation by competitive PCR. <i>Plant Molecular Biology Reporter</i> , 2002, 20, 265-277.	1.8	15
23	Addition of a histone deacetylase inhibitor increases recombinant protein expression in <i>Medicago truncatula</i> cell cultures. <i>Scientific Reports</i> , 2017, 7, 16756.	3.3	13
24	In situ methods to localize transgenes and transcripts in interphase nuclei: a tool for transgenic plant research. <i>Plant Methods</i> , 2006, 2, 18.	4.3	11
25	Toward alternative sources of milk coagulants for cheese manufacturing: establishment of hairy roots culture and protease characterization from <i>Cynara cardunculus</i> L.. <i>Plant Cell Reports</i> , 2020, 39, 89-100.	5.6	11
26	Plant Aspartic Proteases for Industrial Applications: Thistle Get Better. <i>Plants</i> , 2020, 9, 147.	3.5	8
27	Optimal Nitrate Supplementation in <i>Phaeodactylum tricornutum</i> Culture Medium Increases Biomass and Fucoxanthin Production. <i>Foods</i> , 2022, 11, 568.	4.3	7
28	Production of human lipocalin-type prostaglandin D synthase in the model plant <i>Medicago truncatula</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 276-281.	2.1	6
29	Increasing fucoxanthin production in <i>Phaeodactylum tricornutum</i> using genetic engineering and optimization of culture conditions. <i>Frontiers in Marine Science</i> , 0, 5, .	2.5	6
30	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. <i>Plant Journal</i> , 2000, 24, 713-723.	5.7	5
31	Generation of transgenic cell suspension cultures of the model legume <i>Medicago truncatula</i> : a rapid method for <i>Agrobacterium</i> mediated gene transfer. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 136, 445-450.	2.3	5
32	Synthesis and biological effects of small molecule enhancers for improved recombinant protein production in plant cell cultures. <i>Bioorganic Chemistry</i> , 2020, 94, 103452.	4.1	5
33	Cell-line-dependent sorting of recombinant phytase in cell cultures of <i>Medicago truncatula</i> . <i>Functional Plant Biology</i> , 2009, 36, 431.	2.1	4
34	Hairy root cultures of <i>Cynara cardunculus</i> L. as a valuable source of hydroxycinnamic acid compounds. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 37-47.	2.3	3
35	Immunolocalization of Histone Modifications as a Tool to Visualize Chromatin Dynamics in Plants. <i>Microscopy and Microanalysis</i> , 2008, 14, 130-133.	0.4	2
36	Plasticity of Chromatin Organization in the Plant Interphase Nucleus. , 2015, , 57-79.		2

#	ARTICLE	IF	CITATIONS
37	Title is missing!. Microbial Cell Factories, 2006, 5, P92.	4.0	1
38	Integrated approaches to studying Medicago truncatula genome structure and function and their applications in biotechnology. Molecular Breeding, 2012, 30, 1431-1442.	2.1	1
39	Tobacco BY2 cells expressing recombinant cardosin B as an alternative for production of active milk clotting enzymes. Scientific Reports, 2021, 11, 14501.	3.3	1
40	Assessment of Medicago Based Systems for the Production of Human Proteins: Microscopy Analysis of the Subcellular Deposition Patterns of the Recombinant Product. Microscopy and Microanalysis, 2012, 18, 11-12.	0.4	0