Rita Abranches

List of Publications by Year
in descending order

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40	1,370	394421	345221
papers	citations	19 h-index	36 g-index

43	43	43	1624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal Nitrate Supplementation in Phaeodactylum tricornutum Culture Medium Increases Biomass and Fucoxanthin Production. Foods, 2022, 11, 568.	4.3	7
2	Hairy root cultures of Cynara cardunculus L. as a valuable source of hydroxycinnamic acid compounds. Plant Cell, Tissue and Organ Culture, 2021, 147, 37-47.	2.3	3
3	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
4	Contributions of the international plant science community to the fight against infectious diseases in humansâ€"part 2: Affordable drugs in edible plants for endemic and reâ€emerging diseases. Plant Biotechnology Journal, 2021, 19, 1921-1936.	8.3	31
5	Contributions of the international plant science community to the fight against human infectious diseases â€“ part 1: epidemic and pandemic diseases. Plant Biotechnology Journal, 2021, 19, 1901-1920.	8.3	44
6	Toward alternative sources of milk coagulants for cheese manufacturing: establishment of hairy roots culture and protease characterization from Cynara cardunculus L.. Plant Cell Reports, 2020, 39, 89-100.	5.6	11
7	Synthesis and biological effects of small molecule enhancers for improved recombinant protein production in plant cell cultures. Bioorganic Chemistry, 2020, 94, 103452.	4.1	5
8	Canthaxanthin, a Red-Hot Carotenoid: Applications, Synthesis, and Biosynthetic Evolution. Plants, 2020, 9, 1039.	3.5	43
9	Plant Aspartic Proteases for Industrial Applications: Thistle Get Better. Plants, 2020, 9, 147.	3.5	8
10	Generation of transgenic cell suspension cultures of the model legume Medicago truncatula: a rapid method for Agrobacterium mediated gene transfer. Plant Cell, Tissue and Organ Culture, 2019, 136, 445-450.	2.3	5
11	Low Protease Content in Medicago truncatula Cell Cultures Facilitates Recombinant Protein Production. Biotechnology Journal, 2018, 13, e1800050.	3.5	16
12	Addition of a histone deacetylase inhibitor increases recombinant protein expression in Medicago truncatula cell cultures. Scientific Reports, 2017, 7, 16756.	3.3	13
13	Putting the Spotlight Back on Plant Suspension Cultures. Frontiers in Plant Science, 2016, 7, 297.	3.6	129
14	Cytogenomic characterization of Colletotrichum kahawae, the causal agent of coffee berry disease, reveals diversity in minichromosome profiles and genome size expansion. Plant Pathology, 2016, 65, 968-977.	2.4	30
15	Cell Differentiation and Development inArabidopsisAre Associated with Changes in Histone Dynamics at the Single-Cell Level Â. Plant Cell, 2015, 26, 4821-4833.	6.6	66
16	Plasticity of Chromatin Organization in the Plant Interphase Nucleus. , 2015, , 57-79.		2
17	Genome size analyses of Pucciniales reveal the largest fungal genomes. Frontiers in Plant Science, 2014, 5, 422.	3.6	86
18	Production of human lipocalin-type prostaglandin D synthase in the model plant Medicago truncatula. In Vitro Cellular and Developmental Biology - Plant, 2014, 50, 276-281.	2.1	6

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19	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
20	Integrated approaches to studying Medicago truncatula genome structure and function and their applications in biotechnology. Molecular Breeding, 2012, 30, 1431-1442.	2.1	1
21	Expression of a recombinant human erythropoietin in suspension cell cultures of Arabidopsis, tobacco and Medicago. Plant Cell, Tissue and Organ Culture, 2012, 110, 171-181.	2.3	29
22	Cell-line-dependent sorting of recombinant phytase in cell cultures of Medicago truncatula. Functional Plant Biology, 2009, 36, 431.	2.1	4
23	Functional specialization of Medicago truncatula leaves and seeds does not affect the subcellular localization of a recombinant protein. Planta, 2008, 227, 649-658.	3.2	20
24	High levels of stable phytase accumulate in the culture medium of transgenic Medicago truncatula cell suspension cultures. Biotechnology Journal, 2008, 3, 916-923.	3.5	18
25	Immunolocalization of Histone Modifications as a Tool to Visualize Chromatin Dynamics in Plants. Microscopy and Microanalysis, 2008, 14, 130-133.	0.4	2
26	Title is missing!. Microbial Cell Factories, 2006, 5, P92.	4.0	1
27	In situ methods to localize transgenes and transcripts in interphase nuclei: a tool for transgenic plant research. Plant Methods, 2006, 2, 18.	4.3	11
28	The Quest to Understand the Basis and Mechanisms that Control Expression of Introduced Transgenes in Crop Plants. Plant Signaling and Behavior, 2006, 1, 185-195.	2.4	61
29	Matrix attachment regions and regulated transcription increase and stabilize transgene expression. Plant Biotechnology Journal, 2005, 3, 535-543.	8.3	34
30	Plants as bioreactors: A comparative study suggests that Medicago truncatula is a promising production system. Journal of Biotechnology, 2005, 120, 121-134.	3.8	55
31	Transgene integration, organization and interaction in plants. Plant Molecular Biology, 2003, 52, 247-258.	3.9	241
32	The architecture of interphase chromosomes and gene positioning are altered by changes in DNA methylation and histone acetylation. Journal of Cell Science, 2002, 115, 4597-4605.	2.0	59
33	The architecture of interphase chromosomes and nucleolar transcription sites in plants. Journal of Structural Biology, 2002, 140, 31-38.	2.8	34
34	High-throughput transgene copy number estimation by competitive PCR. Plant Molecular Biology Reporter, 2002, 20, 265-277.	1.8	15
35	The nucleus: a highly organized but dynamic structure. Journal of Microscopy, 2000, 198, 199-207.	1.8	20
36	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. Plant Journal, 2000, 24, 713-723.	5.7	5

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37	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. Plant Journal, 2000, 24, 713-723.	5.7	66
38	Transcription Sites Are Not Correlated with Chromosome Territories in Wheat Nuclei. Journal of Cell Biology, 1998, 143, 5-12.	5.2	135
39	Development-dependent inheritance of 5-azacytidine-induced epimutations in triticale: analysis of rDNA expression patterns. Chromosome Research, 1997, 5, 445-450.	2.2	46
40	Increasing fucoxanthin production in Phaeodactylum tricornutum using genetic engineering and optimization of culture conditions. Frontiers in Marine Science, 0, 5, .	2.5	6