

Adrian Slater

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,116
citations

394421

19
h-index

395702

33
g-index

46
all docs

46
docs citations

46
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterisation of cDNA clones for tomato polygalacturonase and other ripening-related proteins. <i>Plant Molecular Biology</i> , 1985, 5, 137-147.	3.9	139
2	Rapid appearance of an mRNA correlated with ethylene synthesis encoding a protein of molecular weight 35000. <i>Planta</i> , 1986, 168, 94-100.	3.2	115
3	A TaqMan real-time PCR system for the identification and quantification of bovine DNA in meats, milks and cheeses. <i>Food Control</i> , 2007, 18, 1149-1158.	5.5	97
4	The Pattern of Protein Synthesis Induced by Heat Shock of HeLa Cells. <i>FEBS Journal</i> , 1981, 117, 341-346.	0.2	88
5	DNA Barcoding for Industrial Quality Assurance. <i>Planta Medica</i> , 2017, 83, 1117-1129.	1.3	57
6	Adventitious root induction in <i>Ophiorrhiza prostrata</i> : a tool for the production of camptothecin (an) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	50
7	Thidiazuron-induced organogenesis and somatic embryogenesis in sugar beet (<i>Beta vulgaris</i> L.). In <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2001, 37, 305-310.	2.1	49
8	Non-polyadenylated mRNAs from eukaryotes. <i>FEBS Letters</i> , 1980, 116, 1-7.	2.8	37
9	Control of shoot necrosis and plant death during micro-propagation of banana and plantains (<i>Musa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.3	34
10	Actin in the adrenal medulla. <i>FEBS Letters</i> , 1975, 56, 327-331.	2.8	32
11	Assessment of polysomaty, embryo formation and regeneration in liquid media for various species of diploid annual <i>Medicago</i> . <i>Plant Science</i> , 2001, 160, 621-627.	3.6	30
12	Product authenticity versus globalisationâ€™The Tulsi case. <i>PLoS ONE</i> , 2018, 13, e0207763.	2.5	29
13	Molecular Identification of <i>Hypericum perforatum</i> by PCR Amplification of the ITS and 5.8S rDNA Region. <i>Planta Medica</i> , 2009, 75, 864-869.	1.3	28
14	The plant cell cycle in context. <i>Molecular Biotechnology</i> , 1998, 10, 123-153.	2.4	26
15	Character-based DNA barcoding for authentication and conservation of IUCN Red listed threatened species of genus <i>Decalepis</i> (<i>Apocynaceae</i>). <i>Scientific Reports</i> , 2017, 7, 14910.	3.3	25
16	The application of a DNA-based identification technique to over-the-counter herbal medicines. <i>FÄ-toterapÄ-Äç</i> , 2013, 87, 27-30.	2.2	22
17	Efficient induction of apospory and apogamy in vitro in silver fern (<i>Pityrogramma calomelanos</i> L.). <i>Plant Cell Reports</i> , 2006, 25, 1300-1307.	5.6	21
18	Efficient somatic embryogenesis in sugar beet (<i>Beta vulgaris</i> L.) breeding lines. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 209-221.	2.3	21

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19	Polypeptides encoded by polyadenylated and non-polyadenylated messenger RNAs from normal and heat shocked HeLa cells. <i>Nucleic Acids Research</i> , 1981, 9, 5203-5214.	14.5	20
20	The Use of Traditional Herbal Medicines Amongst South Asian Diasporic Communities in the UK. <i>Phytotherapy Research</i> , 2017, 31, 1786-1794.	5.8	19
21	Challenges in Medicinal and Aromatic Plants DNA Barcoding—Lessons from the Lamiaceae. <i>Plants</i> , 2022, 11, 137.	3.5	18
22	Polyamine metabolism and gene regulation during the transition of autonomous sugar beet cells in suspension culture from quiescence to division. <i>Physiologia Plantarum</i> , 1996, 98, 439-446.	5.2	17
23	RS2: a sugar beet gene related to the latex allergen Hevâ€%bâ€%5 family. <i>Journal of Experimental Botany</i> , 2000, 51, 2125-2126.	4.8	15
24	Applied Barcoding: The Practicalities of DNA Testing for Herbals. <i>Plants</i> , 2020, 9, 1150.	3.5	15
25	Polyamine metabolism and gene regulation during the transition of autonomous sugar beet cells in suspension culture from quiescence to division. <i>Physiologia Plantarum</i> , 1996, 98, 439-446.	5.2	13
26	Sequence-Specific Detection of Aristolochia DNA â€“ A Simple Test for Contamination of Herbal Products. <i>Frontiers in Plant Science</i> , 2018, 9, 1828.	3.6	13
27	DNA Authentication of St Johnâ€™s Wort (<i>Hypericum perforatum</i> L.) Commercial Products Targeting the ITS Region. <i>Genes</i> , 2019, 10, 286.	2.4	13
28	Efficient procedures for callus induction and adventitious shoot organogenesis in sugar beet (<i>Beta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	12
29	Changes in the Chlorophyll Content and Cytokinin Levels in the Top Three Leaves of New Plant Type Rice During Grain Filling. <i>Journal of Plant Growth Regulation</i> , 2014, 33, 66-76.	5.1	12
30	PlantID â€“ DNA-based identification of multiple medicinal plants in complex mixtures. <i>Chinese Medicine</i> , 2012, 7, 18.	4.0	10
31	Health care professionals' personal and professional views of herbal medicines in the United Kingdom. <i>Phytotherapy Research</i> , 2019, 33, 2360-2368.	5.8	10
32	Green fluorescent protein as a visual selection marker for coffee transformation. <i>Biologia (Poland)</i> , 2010, 65, 639-646.	1.5	9
33	Induction of cell division-related genes in quiescent (G0) sugar beet cells. <i>Physiologia Plantarum</i> , 1998, 102, 61-70.	5.2	5
34	Genus-Specific Real-Time PCR and HRM Assays to Distinguish <i>Liriope</i> from <i>Ophiopogon</i> Samples. <i>Plants</i> , 2017, 6, 53.	3.5	4
35	Characterization of a Mak subgroup Cdc2â€like protein kinase from sugar beet (<i>Beta vulgaris</i> L.). <i>Journal of Experimental Botany</i> , 2000, 51, 2119-2124.	4.8	3
36	Extraction of RNA from Plants. , 1988, 4, 437-446.		2

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37	Molecular Verification of the UK National Collection of Cultivated Liriope and Ophiopogon Plants. <i>Plants</i> , 2020, 9, 558.	3.5	2
38	Hybrid-Release Translation. , 1988, 4, 27-38.		1
39	The entry of sugar beet cells into the G0 state involves extensive re-programming of gene expression mechanisms via transcriptional and translational controls. <i>Plant Science</i> , 1998, 136, 79-91.	3.6	1
40	Array-based dynamic allele specific hybridization (Array-DASH): Optimization-free microarray processing for multiple simultaneous genomic assays. <i>Analytical Biochemistry</i> , 2021, 626, 114124.	2.4	1
41	Ribonucleoproteins and Heterogeneous Nuclear Ribonucleic Acid Metabolism in Isolated HeLa-Cell Nuclei. <i>Biochemical Society Transactions</i> , 1977, 5, 632-633.	3.4	0
42	Taking a leaf from the plant cell cyclists. <i>Trends in Cell Biology</i> , 1998, 8, 505-506.	7.9	0
43	Life's Green Power PlantEating the Sun: How Plants Power the Planet. Oliver Morton . HarperCollins, 2008. 460 pp, illus. \$28.95 (ISBN 9780007163649 cloth).. <i>BioScience</i> , 2009, 59, 805-806.	4.9	0
44	Arabidopsis CDC2a and Cyclin Gene Promoter::gusA Constructs as Markers of Cell Growth and Division in Heterologous Plants. , 2003, , 261-262.		0