

Adrian Slater

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

892
citations

17
h-index

29
g-index

46
ext. papers

989
ext. citations

4.8
avg, IF

3.45
L-index

#	Paper	IF	Citations
41	Isolation and characterisation of cDNA clones for tomato polygalacturonase and other ripening-related proteins. <i>Plant Molecular Biology</i> , 1985 , 5, 137-47	4.6	122
40	Rapid appearance of an mRNA correlated with ethylene synthesis encoding a protein of molecular weight 35000. <i>Planta</i> , 1986 , 168, 94-100	4.7	103
39	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	6.2	84
38	The pattern of protein synthesis induced by heat shock of HeLa cells. <i>FEBS Journal</i> , 1981 , 117, 341-6		77
37	Adventitious root induction in <i>Ophiorrhiza prostrata</i> : a tool for the production of camptothecin (an anticancer drug) and rapid propagation. <i>Plant Biotechnology Reports</i> , 2008 , 2, 163-169	2.5	46
36	Thidiazuron-induced organogenesis and somatic embryogenesis in sugar beet (<i>Beta vulgaris</i> L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2001 , 37, 305-310	2.3	36
35	Non-polyadenylated mRNAs from eukaryotes. <i>FEBS Letters</i> , 1980 , 116, 1-7	3.8	33
34	DNA Barcoding for Industrial Quality Assurance. <i>Planta Medica</i> , 2017 , 83, 1117-1129	3.1	30
33	Actin in the adrenal medulla. <i>FEBS Letters</i> , 1975 , 56, 327-31	3.8	30
32	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	5.3	29
31	Molecular identification of <i>Hypericum perforatum</i> by PCR amplification of the ITS and 5.8S rDNA region. <i>Planta Medica</i> , 2009 , 75, 864-9	3.1	26
30	Control of shoot necrosis and plant death during micro-propagation of banana and plantains (<i>Musa</i> spp.). <i>Plant Cell, Tissue and Organ Culture</i> , 2007 , 88, 51-59	2.7	25
29	The plant cell cycle in context. <i>Molecular Biotechnology</i> , 1998 , 10, 123-53	3	22
28	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	2.7	21
27	Efficient induction of apospory and apogamy in vitro in silver fern (<i>Pityrogramma calomelanos</i> L.). <i>Plant Cell Reports</i> , 2006 , 25, 1300-7	5.1	20
26	Polypeptides encoded by polyadenylated and non-polyadenylated messenger RNAs from normal and heat shocked HeLa cells. <i>Nucleic Acids Research</i> , 1981 , 9, 5203-14	20.1	20
25	The application of a DNA-based identification technique to over-the-counter herbal medicines. <i>Phytotherapy</i> , 2013 , 87, 27-30	3.2	19

24	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	4.6	16
23	Character-based DNA barcoding for authentication and conservation of IUCN Red listed threatened species of genus <i>Decalepis</i> (Apocynaceae). <i>Scientific Reports</i> , 2017 , 7, 14910	4.9	14
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	4.6	13
21	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	4.7	11
20	Efficient procedures for callus induction and adventitious shoot organogenesis in sugar beet (<i>Beta vulgaris</i> L.) breeding lines. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004 , 40, 475-481	2.3	11
19	The Use of Traditional Herbal Medicines Amongst South Asian Diasporic Communities in the UK. <i>Phytotherapy Research</i> , 2017 , 31, 1786-1794	6.7	9
18	PlantID - DNA-based identification of multiple medicinal plants in complex mixtures. <i>Chinese Medicine</i> , 2012 , 7, 18	4.7	9
17	Green fluorescent protein as a visual selection marker for coffee transformation. <i>Biologia (Poland)</i> , 2010 , 65, 639-646	1.5	9
16	RS2: a sugar beet gene related to the latex allergen Hev b 5 family. <i>Journal of Experimental Botany</i> , 2000 , 51, 2125-6	7	8
15	Product authenticity versus globalisation-The Tulsi case. <i>PLoS ONE</i> , 2018 , 13, e0207763	3.7	8
14	Sequence-Specific Detection of DNA - A Simple Test for Contamination of Herbal Products. <i>Frontiers in Plant Science</i> , 2018 , 9, 1828	6.2	7
13	DNA Authentication of St John's Wort (<i>L.</i>) Commercial Products Targeting the ITS Region. <i>Genes</i> , 2019 , 10,	4.2	6
12	Health care professionals' personal and professional views of herbal medicines in the United Kingdom. <i>Phytotherapy Research</i> , 2019 , 33, 2360-2368	6.7	6
11	Induction of cell division-related genes in quiescent (G) sugar beet cells.. <i>Physiologia Plantarum</i> , 1998 , 102, 61-70	4.6	5
10	Applied Barcoding: The Practicalities of DNA Testing for Herbals. <i>Plants</i> , 2020 , 9,	4.5	5
9	Genus-Specific Real-Time PCR and HRM Assays to Distinguish <i>Liriope</i> from <i>Ophiopogon</i> Samples. <i>Plants</i> , 2017 , 6,	4.5	4
8	Characterization of a Mak subgroup Cdc2-like protein kinase from sugar beet (<i>Beta vulgaris</i> L.). <i>Journal of Experimental Botany</i> , 2000 , 51, 2119-24	7	3
7	Extraction of RNA from plants. <i>Methods in Molecular Biology</i> , 1988 , 4, 437-46	1.4	2

6	Molecular Verification of the UK National Collection of Cultivated and Plants. <i>Plants</i> , 2020 , 9,	4.5	1
5	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	5.3	1
4	Challenges in Medicinal and Aromatic Plants DNA Barcoding-Lessons from the Lamiaceae.. <i>Plants</i> , 2022 , 11,	4.5	1
3	Hybrid-release translation. <i>Methods in Molecular Biology</i> , 1988 , 4, 27-38	1.4	
2	Ribonucleoproteins and heterogeneous nuclear ribonucleic acid metabolism in isolated HeLa-cell nuclei. <i>Biochemical Society Transactions</i> , 1977 , 5, 632-3	5.1	
1	Array-based dynamic allele specific hybridization (Array-DASH): Optimization-free microarray processing for multiple simultaneous genomic assays. <i>Analytical Biochemistry</i> , 2021 , 626, 114124	3.1	