Janet P Slovin

List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	4,327 citations	172457 29 h-index	149698 56 g-index
58 all docs	58 docs citations	58 times ranked	4654 citing authors

#	Article	IF	Citations
1	Flowering and Seed Production across the Lemnaceae. International Journal of Molecular Sciences, 2021, 22, 2733.	4.1	13
2	The Use of Aerated Steam as a Heat Treatment for Managing Angular Leaf Spot in Strawberry Nursery Production and Its Effect on Plant Yield. PhytoFrontiers, 2021, 1, 104-119.	1.6	6
3	A roadmap for research in octoploid strawberry. Horticulture Research, 2020, 7, 33.	6.3	47
4	Candidate gene identification of existing or induced mutations with pipelines applicable to large genomes. Plant Journal, 2019, 97, 673-682.	5.7	11
5	Indole-3-acetylaspartate and indole-3-acetylglutamate, the IAA-amide conjugates in the diploid strawberry achene, are hydrolyzed in growing seedlings. Planta, 2019, 249, 1073-1085.	3.2	14
6	Single-molecule sequencing and optical mapping yields an improved genome of woodland strawberry (Fragaria vesca) with chromosome-scale contiguity. GigaScience, 2018, 7, 1-7.	6.4	209
7	Symptom Development in Response to Combined Infection of In Vitro-grown Lilium longiflorum with Pratylenchus penetrans and Soilborne Fungi Collected from Diseased Roots of Field-grown Lilies. Plant Disease, 2017, 101, 882-889.	1.4	11
8	An improved method for fast and selective separation of carotenoids by LCâ€“MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1067, 34-37.	2.3	14
9	The Effects of Heat Treatment on the Gene Expression of Several Heat Shock Protein Genes in Two Cultivars of Strawberry. International Journal of Fruit Science, 2016, 16, 239-248.	2.4	12
10	Re-annotation of the woodland strawberry (Fragaria vesca) genome. BMC Genomics, 2015, 16, 29.	2.8	60
11	A standard nomenclature for gene designation in the Rosaceae. Tree Genetics and Genomes, 2015, 11, 1.	1.6	17
12	Proteomic analysis of the effects of gibberellin on increased fruit sink strength in Asian pear (Pyrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	20
13	Acylphloroglucinol biosynthesis in strawberry fruit. Plant Physiology, 2015, 169, pp.00794.2015.	4.8	22
14	Profiling polyphenols of two diploid strawberry (Fragaria vesca) inbred lines using UHPLC-HRMSn. Food Chemistry, 2014, 146, 289-298.	8.2	96
15	Floral Transcriptomes in Woodland Strawberry Uncover Developing Receptacle and Anther Gene Networks. Plant Physiology, 2014, 165, 1062-1075.	4.8	167
16	SGR: an online genomic resource for the woodland strawberry. BMC Plant Biology, 2013, 13, 223.	3.6	45
17	Dehydration intolerant seeds of Ardisia species accumulate storage and stress proteins during development. Horticulture Environment and Biotechnology, 2012, 53, 530-538.	2.1	5
18	Flower and early fruit development in a diploid strawberry, Fragaria vesca. Planta, 2012, 235, 1123-1139.	3.2	105

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19	The genome of woodland strawberry (Fragaria vesca). Nature Genetics, 2011, 43, 109-116.	21.4	1,091
20	Abiotic Stressâ€Related Expressed Sequence Tags from the Diploid Strawberry Fragaria vesca f. semperflorens. Plant Genome, 2011, 4, .	2.8	7
21	A Simplified Method for Differential Staining of Aborted and Non-Aborted Pollen Grains. International Journal of Plant Biology, 2010, 1, e13.	2.6	226
22	Delaying Flowering in Short-Day Strawberry Transplants with Photoselective Nets. International Journal of Fruit Science, 2010, 10, 134-142.	2.4	14
23	Plant Hormones. , 2010, , 9-125.		6
24	Auxin Biosynthesis and Metabolism. , 2010, , 36-62.		59
25	An inbred line of the diploid strawberry Fragaria vesca f. semperflorens for genomic and molecular genetic studies in the Rosaceae. Plant Methods, 2009, 5, 15.	4.3	78
26	Confirmation of cross-pollination of Ardisia crenata by sequence-characterized amplified region (SCAR) markers. Scientia Horticulturae, 2006, 109, 361-367.	3.6	13
27	EST-SSR markers from Fragaria vesca L. cv. Yellow Wonder. Molecular Ecology Notes, 2006, 6, 806-809.	1.7	23
28	Strawberry fruit protein with a novel indole-acyl modification. Planta, 2006, 224, 1015-1022.	3.2	23
29	Overexpression of Maize IAGLU in Arabidopsis thaliana Alters Plant Growth and Sensitivity to IAA but not IBA and 2,4-D. Journal of Plant Growth Regulation, 2005, 24, 127-141.	5.1	28
30	Transgenic Tomato Plants with a Modified Ability to Synthesize Indole-3-acetyl-Î²-1-O-D -glucose. Journal of Plant Growth Regulation, 2005, 24, 142-152.	5.1	17
31	Isolation of a cDNA clone and characterization of expression of the highly abundant, cold acclimation-associated 14kDa dehydrin of blueberry. Plant Science, 2005, 168, 949-957.	3.6	35
32	Analysis of gene expression associated with cold acclimation in blueberry floral buds using expressed sequence tags. Plant Science, 2004, 166, 863-872.	3.6	80
33	Two genetically discrete pathways convert tryptophan to auxin: more redundancy in auxin biosynthesis. Trends in Plant Science, 2003, 8, 197-199.	8.8	92
34	Analysis of genetic relationships ofArdisiaspp. using RAPD markers. Journal of Horticultural Science and Biotechnology, 2003, 78, 24-28.	1.9	4
35	Development of EST-PCR Markers for DNA Fingerprinting and Genetic Relationship Studies in Blueberry (Vaccinium, section Cyanococcus). Journal of the American Society for Horticultural Science, 2003, 128, 682-690.	1.0	50
36	Indole-3-Acetic Acid Metabolism in Lemna gibbaUndergoes Dynamic Changes in Response to Growth Temperature. Plant Physiology, 2002, 128, 1410-1416.	4.8	55

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37	A gene encoding a protein modified by the phytohormone indoleacetic acid. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1718-1723.	7.1	70
38	The biosynthetic pathway for indole-3-acetic acid changes during tomato fruit development. Plant Growth Regulation, 2002, 38, 15-20.	3.4	29
39	Purified Î³-Glutamyl Transpeptidases from Tomato Exhibit High Affinity for Glutathione and GlutathioneS-Conjugates. Plant Physiology, 2000, 122, 1417-1426.	4.8	84
40	Modified expression of a carrot small heat shock protein gene, Hsp17.7, results in increased or decreased thermotolerance. Plant Journal, 1999, 20, 89-99.	5.7	198
41	Title is missing!. Plant Growth Regulation, 1999, 27, 139-144.	3.4	39
42	Auxin. New Comprehensive Biochemistry, 1999, , 115-140.	0.1	34
43	Continuous light alters indole-3-acetic acid metabolism in lemna gibba. Phytochemistry, 1998, 49, 17-21.	2.9	9
44	Title is missing!. Plant Growth Regulation, 1997, 21, 215-221.	3.4	16
45	Indole-3-acetic acid, ethylene, and abscisic acid metabolism in developing muskmelon (Cucumis melo L.) fruit. Plant Growth Regulation, 1996, 19, 45-54.	3.4	22
46	Auxins and polyamines in relation to differential in vitro root induction on microcuttings of two pear cultivars. Journal of Plant Growth Regulation, 1995, 14, 49-59.	5.1	37
47	Auxin metabolism in representative land PLANTS. American Journal of Botany, 1995, 82, 1514-1521.	1.7	72
48	Rethinking Auxin Biosynthesis and Metabolism. Plant Physiology, 1995, 107, 323-329.	4.8	200
49	Auxin Metabolism in Representative Land Plants. American Journal of Botany, 1995, 82, 1514.	1.7	30
50	AUXIN METABOLISM IN RELATION TO FRUIT RIPENING. Acta Horticulturae, 1993, , 84-89.	0.2	9
51	Indole-3-Acetic Acid Biosynthesis in the Mutant Maize orange pericarp, a Tryptophan Auxotroph. Science, 1991, 254, 998-1000.	12.6	240
52	Stable Isotope Labeling, in Vivo, of d- and l-Tryptophan Pools in Lemna gibba and the Low Incorporation of Label into Indole-3-Acetic Acid. Plant Physiology, 1991, 95, 1203-1208.	4.8	94
53	Levels of Indole-3-Acetic Acid in Lemna gibba G-3 and in a Large Lemna Mutant Regenerated from Tissue Culture. Plant Physiology, 1988, 86, 522-526.	4.8	39
54	Comparison of a Commercial ELISA Assay for Indole-3-Acetic Acid at Several Stages of Purification and Analysis by Gas Chromatography-Selected Ion Monitoring-Mass Spectrometry Using a ¹³C₆-Labeled Internal Standard. Plant Physiology, 1987, 84, 982-986.	4.8	45

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55	mRNA species regulated during the differentiation of HL-60 cells to macrophages and neutrophils. Developmental Biology, 1987, 119, 164-174.	2.0	28
56	¹³C₆-[Benzene Ring]-Indole-3-Acetic Acid. Plant Physiology, 1986, 80, 14-19.	4.8	246
57	Synthesis of 14C-labeled halogen substituted indole-3-acetic acids. Journal of Labelled Compounds and Radiopharmaceuticals, 1985, 22, 279-285.	1.0	7
58	Glyphosine, a plant growth regulator, affects chloroplast membrane proteins. Biochimica Et Biophysica Acta - Bioenergetics, 1981, 637, 177-184.	1.0	4