

Susan D Lawrence

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,440
citations

361413

20
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of altered [ADP-ribose] _n metabolism on expression of fetal functions by adult hepatocytes. <i>Nature</i> , 1982, 300, 366-368.	27.8	159
2	Agrobacterium-mediated transformation of Citrus stem segments and regeneration of transgenic plants. <i>Plant Cell Reports</i> , 1992, 11-11, 238-42.	5.6	154
3	Expression of Poplar Chitinase in Tomato Leads to Inhibition of Development in Colorado Potato Beetle. <i>Biotechnology Letters</i> , 2006, 28, 593-599.	2.2	97
4	ADP-ribosyltransferase activity in cultured hepatocytes. Interactions with DNA repair.. <i>Journal of Biological Chemistry</i> , 1982, 257, 5528-5535.	3.4	96
5	ADP-ribosyltransferase activity in cultured hepatocytes. Interactions with DNA repair. <i>Journal of Biological Chemistry</i> , 1982, 257, 5528-35.	3.4	81
6	The effect of nicotinamide on unscheduled DNA synthesis in cultured hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1980, 95, 1063-1070.	2.1	70
7	Potato, <i>Solanum Tuberosum</i> , Defense Against Colorado Potato Beetle, <i>Leptinotarsa Decemlineata</i> (Say): Microarray Gene Expression Profiling of Potato by Colorado Potato Beetle Regurgitant Treatment of Wounded Leaves. <i>Journal of Chemical Ecology</i> , 2008, 34, 1013-1025.	1.8	70
8	Cytokinin Primes Plant Responses to Wounding and Reduces Insect Performance. <i>Journal of Plant Growth Regulation</i> , 2010, 29, 289-296.	5.1	62
9	Molecular cloning and nucleotide sequencing of the coat protein gene of citrus tristeza virus. <i>Journal of General Virology</i> , 1991, 72, 1013-1020.	2.9	58
10	Chromoplast development in ripening tomato fruit: identification of cDNAs for chromoplast-targeted proteins and characterization of a cDNA encoding a plastid-localized low-molecular-weight heat shock protein. <i>Plant Molecular Biology</i> , 1997, 33, 483-492.	3.9	53
11	A study of the <i>Autographa californica</i> multiple nucleopolyhedrovirus ODV envelope protein p74 using a GFP tag. <i>Journal of General Virology</i> , 2001, 82, 2279-2287.	2.9	43
12	Inhibition of Proteinase Inhibitor Transcripts by <i>Leptinotarsa decemlineata</i> Regurgitant in <i>Solanum lycopersicum</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 1041-1048.	1.8	39
13	A vegetative storage protein homolog is expressed in the growing shoot apex of hybrid poplar. <i>Planta</i> , 1997, 203, 237-244.	3.2	34
14	DNA damage induced by the antihistaminic drug methapyrilene hydrochloride. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 103, 213-218.	1.1	33
15	MAIZE GENES INDUCED BY HERBIVORY AND VOLICITIN. <i>Journal of Chemical Ecology</i> , 2004, 30, 2543-2557.	1.8	30
16	Trypsin cleavage of the baculovirus occlusion-derived virus attachment protein P74 is prerequisite in per os infection. <i>Journal of General Virology</i> , 2008, 89, 2388-2397.	2.9	29
17	Remarkable susceptibility of the diamondback moth (<i>Plutella xylostella</i>) to ingestion of Pir toxins from <i>Photographus luminescens</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2006, 121, 31-37.	1.4	26
18	Wound and insect herbivory responsive genes in poplar. <i>Biotechnology Letters</i> , 2006, 28, 1493-1501.	2.2	26

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19	Transit Peptide Mutations That Impair in Vitro and in Vivo Chloroplast Protein Import Do Not Affect Accumulation of the β -Subunit of Chloroplast ATPase1. <i>Plant Physiology</i> , 1998, 116, 1179-1190.	4.8	25
20	Herbivory responsive C2H2 zinc finger transcription factor protein StZFP2 from potato. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 226-233.	5.8	23
21	Root herbivory: molecular analysis of the maize transcriptome upon infestation by Southern corn rootworm, <i>Diabrotica undecimpunctata howardi</i> . <i>Physiologia Plantarum</i> , 2012, 144, 303-319.	5.2	21
22	Chromoplast-Targeted Proteins in Tomato (<i>Lycopersicon esculentum</i> Mill.) Fruit. <i>Plant Physiology</i> , 1993, 102, 789-794.	4.8	19
23	Chitinase accumulates systemically in wounded poplar trees. <i>Physiologia Plantarum</i> , 1998, 103, 154-161.	5.2	19
24	Vegetative storage protein expression during terminal bud formation in poplar. <i>Canadian Journal of Forest Research</i> , 2001, 31, 1098-1103.	1.7	17
25	Alterations in the <i>Chlamydomonas</i> Plastocyanin Transit Peptide Have Distinct Effects on in Vitro Import and in Vivo Protein Accumulation. <i>Journal of Biological Chemistry</i> , 1997, 272, 20357-20363.	3.4	16
26	Title is missing!. <i>Molecular Breeding</i> , 2001, 8, 139-146.	2.1	16
27	Evidence for proteolytic cleavage of the baculovirus occlusion-derived virion envelope protein P74. <i>Journal of General Virology</i> , 2005, 86, 1637-1643.	2.9	14
28	Expression of biologically active human interferon alpha 2 in Aloe vera. <i>Transgenic Research</i> , 2012, 21, 1349-1357.	2.4	12
29	Epitope tagging: a monoclonal antibody specific for recombinant fusion proteins in plants. <i>BioTechniques</i> , 2003, 35, 488-492.	1.8	11
30	Reproductive failure of <i>Heterorhabditis marelatus</i> in the Colorado potato beetle: Evidence of stress on the nematode symbiont <i>Photorhabdus temperata</i> and potential interference from the enteric bacteria of the beetle. <i>Biological Control</i> , 2007, 42, 207-215.	3.0	11
31	A soluble form of P74 can act as a per os infectivity factor to the <i>Autographa californica</i> multiple nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2010, 91, 915-918.	2.9	11
32	Examining the molecular interaction between potato (<i>Solanum tuberosum</i>) and Colorado potato beetle <i>Leptinotarsa decemlineata</i> . <i>Botany</i> , 2008, 86, 1080-1091.	1.0	10
33	Two cDNA clones encoding 14-3-3 homologs from tomato fruit. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1263, 67-70.	2.4	7
34	Comparative analysis of the genetic variability within the Q-type C2H2 zinc-finger transcription factors in the economically important cabbage, canola and Chinese cabbage genomes. <i>Hereditas</i> , 2018, 155, 29.	1.4	7
35	Over expression of the Q-type ZFP StZFP2 in potato increases resistance to potato late blight (<i>Phytophthora infestans</i>) infection. <i>Journal of Plant Interactions</i> , 2019, 14, 129-136.	2.1	7
36	Purification of DNA for the transfection of a <i>Spodoptera frugiperda</i> cell line. <i>Cytotechnology</i> , 2002, 24, 155-163.	0.7	6

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37	Herbivory of maize by southern corn rootworm induces expression of the major intrinsic protein <i>ZmNIP1;1</i> and leads to the discovery of a novel aquaporin <i>ZmPIP2;8</i> . <i>Plant Signaling and Behavior</i> , 2013, 8, e24937.	2.4	5
38	Cabbage looper (<i>Trichoplusia ni</i> Hübner) labial glands contain unique bacterial flora in contrast with their alimentary canal, mandibular glands, and Malpighian tubules. <i>MicrobiologyOpen</i> , 2020, 9, e994.	3.0	5
39	The remarkable plethora of infestation-responsive Q-type C2H2 transcription factors in potato. <i>BMC Research Notes</i> , 2018, 11, 398.	1.4	4
40	Mining the Brassica oleracea Genome for Q-type C2H2 Zinc Finger Transcription Factor Genes. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1611-1617.	1.8	3
41	Over-expression of <i>StZFP2</i> in <i>Solanum tuberosum</i> L. var. Kennebec (potato) inhibits growth of Tobacco Hornworm larvae (THW, <i>Manduca sexta</i> L.). <i>Plant Signaling and Behavior</i> , 2018, 13, e1489668.	2.4	3
42	Detached Leaf Assays to Simplify Gene Expression Studies in Potato During Infestation by Chewing Insect <i>Manduca sexta</i> . <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
43	Transformation in Citrus. <i>Biotechnology in Agriculture and Forestry</i> , 1993, , 194-208.	0.2	3
44	The response to cabbage looper infestation in Arabidopsis is altered by lowering levels of Zat18 a Q-type C2H2 zinc finger protein. <i>Journal of Plant Interactions</i> , 2022, 17, 198-205.	2.1	2
45	Arabidopsis Genotypes Resistant and Susceptible to Diamondback Moth (Lepidoptera: Plutellidae): No Net Effects on Insect Growth. <i>Journal of Entomological Science</i> , 2014, 49, 285-289.	0.3	0