

Keith R Davis

List of Publications by Year in descending order

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61
papers

7,615
citations

109264

35
h-index

168321

53
g-index

152
all docs

152
docs citations

152
times ranked

6883
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of NKG2D, KIR2DL and Cytokine Production by Pleurotus ostreatus Glucan Enhances Natural Killer Cell Cytotoxicity Toward Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 165.	1.8	30
2	Beta-caryophyllene enhances wound healing through multiple routes. <i>PLoS ONE</i> , 2019, 14, e0216104.	1.1	60
3	Development of the plant-derived peptide lunasin as an anticancer agent. <i>Current Opinion in Pharmacology</i> , 2018, 41, 27-33.	1.7	17
4	The soy-derived peptide Lunasin inhibits invasive potential of melanoma initiating cells. <i>Oncotarget</i> , 2017, 8, 25525-25541.	0.8	28
5	Validation of syngeneic mouse models of melanoma and non-small cell lung cancer for investigating the anticancer effects of the soy-derived peptide Lunasin. <i>F1000Research</i> , 2016, 5, 2432.	0.8	13
6	Validation of syngeneic mouse models of melanoma and non-small cell lung cancer for investigating the anticancer effects of the soy-derived peptide Lunasin. <i>F1000Research</i> , 2016, 5, 2432.	0.8	9
7	Lunasin is a multifunctional anticancer peptide from soybean. <i>International Journal of Cancer Therapy and Oncology</i> , 2016, 4, 4218.	0.2	5
8	Lunasin is a novel therapeutic agent for targeting melanoma cancer stem cells. <i>Oncotarget</i> , 2016, 7, 84128-84141.	0.8	36
9	The soybean-derived peptide lunasin inhibits non-small cell lung cancer cell proliferation by suppressing phosphorylation of the retinoblastoma protein. <i>Oncotarget</i> , 2015, 6, 4649-4662.	0.8	42
10	Lunasin Sensitivity in Non-Small Cell Lung Cancer Cells Is Linked to Suppression of Integrin Signaling and Changes in Histone Acetylation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23705-23724.	1.8	20
11	Ascorbic Acid and a Cytostatic Inhibitor of Glycolysis Synergistically Induce Apoptosis in Non-Small Cell Lung Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e67081.	1.1	47
12	Scalable Purification and Characterization of the Anticancer Lunasin Peptide from Soybean. <i>PLoS ONE</i> , 2012, 7, e35409.	1.1	56
13	Ascorbic acid alleviates toxicity of paclitaxel without interfering with the anticancer efficacy in mice. <i>Nutrition Research</i> , 2012, 32, 873-883.	1.3	29
14	Abstract 3850: Production of recombinant lunasin peptides with enhanced anticancer activity using transient expression in tobacco. , 2012, , .		2
15	Recombinant Protein Expression in Nicotiana. <i>Methods in Molecular Biology</i> , 2011, 701, 199-219.	0.4	41
16	The Arabidopsis thaliana Homeobox Gene ATHB12 Is Involved in Symptom Development Caused by Geminivirus Infection. <i>PLoS ONE</i> , 2011, 6, e20054.	1.1	20
17	Cytotoxic effects of combinational therapy of ascorbic acid and 3PO on breast and non-small cell lung cancer cells. <i>FASEB Journal</i> , 2011, 25, 915.17.	0.2	0
18	C4 protein of Beet severe curly top virus is a pathomorphogenetic factor in Arabidopsis. <i>Plant Cell Reports</i> , 2010, 29, 1377-1389.	2.8	50

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19	Altered cell shapes, hyperplasia, and secondary growth in Arabidopsis caused by beet curly top geminivirus infection. <i>Molecules and Cells</i> , 2004, 17, 117-24.	1.0	18
20	Growth Stage-Based Phenotypic Profiling of Plants. , 2003, 236, 427-442.		10
21	The β -Subunit of the Arabidopsis G Protein Negatively Regulates Auxin-Induced Cell Division and Affects Multiple Developmental Processes[W]. <i>Plant Cell</i> , 2003, 15, 393-409.	3.1	310
22	A Plant Approach to Systems Biology. , 2003, , 201-204.		0
23	Ozone-induced ethylene production is dependent on salicylic acid, and both salicylic acid and ethylene act in concert to regulate ozone-induced cell death. <i>Plant Journal</i> , 2002, 32, 447-456.	2.8	197
24	Growth Stage-Based Phenotypic Analysis of Arabidopsis: A Model for High Throughput Functional Genomics in Plants. <i>Plant Cell</i> , 2001, 13, 1499-1510.	3.1	774
25	The physiology of ozone induced cell death. <i>Planta</i> , 2001, 213, 682-690.	1.6	202
26	Growth Stage-Based Phenotypic Analysis of Arabidopsis: A Model for High Throughput Functional Genomics in Plants. <i>Plant Cell</i> , 2001, 13, 1499.	3.1	24
27	Growth Stage-Based Phenotypic Analysis of Arabidopsis. <i>Plant Cell</i> , 2001, 13, 1499-1510.	3.1	1,114
28	Ozone: a tool for probing programmed cell death in plants. <i>Plant Molecular Biology</i> , 2000, 44, 345-358.	2.0	156
29	Jasmonic Acid Signaling Modulates Ozone-Induced Hypersensitive Cell Death. <i>Plant Cell</i> , 2000, 12, 1633.	3.1	5
30	Jasmonic Acid Signaling Modulates Ozone-Induced Hypersensitive Cell Death. <i>Plant Cell</i> , 2000, 12, 1633-1646.	3.1	437
31	Ozone Sensitivity in Hybrid Poplar Correlates with Insensitivity to Both Salicylic Acid and Jasmonic Acid. The Role of Programmed Cell Death in Lesion Formation. <i>Plant Physiology</i> , 2000, 123, 487-496.	2.3	126
32	Ozone: a tool for probing programmed cell death in plants. , 2000, , 101-114.		7
33	Ozone-induced cell death occurs via two distinct mechanisms in Arabidopsis : the role of salicylic acid. <i>Plant Journal</i> , 1999, 17, 603-614.	2.8	436
34	Biochemical characterization and expression of RLK4, a receptor-like kinase from Arabidopsis thaliana. <i>Plant Science</i> , 1999, 142, 83-91.	1.7	12
35	Compost and Compost Water Extract-Induced Systemic Acquired Resistance in Cucumber and Arabidopsis. <i>Phytopathology</i> , 1998, 88, 450-455.	1.1	242
36	Arabidopsis Rho-Related GTPases: Differential Gene Expression in Pollen and Polar Localization in Fission Yeast. <i>Plant Physiology</i> , 1998, 118, 407-417.	2.3	182

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37	Aluminum Induces Oxidative Stress Genes in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 1998, 116, 409-418.	2.3	342
38	Ozone Sensitivity in Hybrid Poplar Is Correlated with a Lack of Defense-Gene Activation. <i>Plant Physiology</i> , 1998, 118, 1243-1252.	2.3	88
39	<i>Arabidopsis thaliana</i> . <i>Sub-Cellular Biochemistry</i> , 1998, , 253-285.	1.0	1
40	The Effects of Ozone on Antioxidant Responses in Plants. <i>Free Radical Biology and Medicine</i> , 1997, 23, 480-488.	1.3	168
41	Ozone-induced responses in <i>Arabidopsis thaliana</i> : the role of salicylic acid in the accumulation of defense-related transcripts and induced resistance.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 5099-5104.	3.3	341
42	Isolation of a novel <i>Arabidopsis</i> ozone-induced cDNA by differential display. <i>Plant Molecular Biology</i> , 1995, 29, 91-98.	2.0	47
43	The phenylalanine ammonia-lyase gene family in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1995, 27, 327-338.	2.0	235
44	The <i>Arabidopsis thaliana</i> 4-coumarate:CoA ligase (4CL) gene: stress and developmentally regulated expression and nucleotide sequence of its cDNA. <i>Plant Molecular Biology</i> , 1995, 28, 871-884.	2.0	135
45	Ozone-Induced Expression of Stress-Related Genes in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 1994, 105, 1089-1096.	2.3	187
46	Recombinant Beet Curly Top Virus Genomes Exhibit Both Parental and Novel Pathogenic Phenotypes. <i>Virology</i> , 1994, 200, 677-685.	1.1	28
47	An <i>Arabidopsis thaliana</i> Lipoxygenase Gene Can Be Induced by Pathogens, Abscisic Acid, and Methyl Jasmonate. <i>Plant Physiology</i> , 1993, 101, 441-450.	2.3	307
48	Research Notes Limited Replication of Tomato Golden Mosaic Virus DNA in Explants of Nonhost Species. <i>Molecular Plant-Microbe Interactions</i> , 1992, 5, 525.	1.4	19
49	Virulence of Selected Phytopathogenic <i>Pseudomonads</i> in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 1991, 4, 477.	1.4	69
50	<i>Arabidopsis Thaliana</i> as a Model System for Studying Plant- Pathogen Interactions. <i>NATO ASI Series Series H, Cell Biology</i> , 1989, , 99-106.	0.5	5
51	Characterization of Elicitor-Induced Defense Responses in Suspension-Cultured Cells of <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 1989, 2, 363.	1.4	68
52	Induction of Defense Responses in Cultured Parsley Cells by Plant Cell Wall Fragments. <i>Plant Physiology</i> , 1987, 84, 1286-1290.	2.3	121
53	Oligosaccharins - Complex Carbohydrate Regulatory Molecules. , 1987, , 147-149.		0
54	Host-Pathogen Interactions XXX. Characterization of Elicitors of Phytoalexin Accumulation in Soybean Released from Soybean Cell Walls by Endopolygalacturonic Acid Lyase. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1986, 41, 39-48.	0.6	35

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55	Several biotic and abiotic elicitors act synergistically in the induction of phytoalexin accumulation in soybean. <i>Plant Molecular Biology</i> , 1986, 6, 23-32.	2.0	87
56	Host-Pathogen Interactions. <i>Plant Physiology</i> , 1986, 80, 568-577.	2.3	170
57	Studies on the Role of Carbohydrates in Host-Microbe Interactions. , 1986, , 297-309.		7
58	Structure and function of plant cell wall polysaccharides. <i>Journal of Cell Science</i> , 1985, 1985, 203-217.	1.2	56
59	Host-Pathogen Interactions. <i>Plant Physiology</i> , 1984, 74, 52-60.	2.3	212
60	Oligosaccharins: Naturally Occurring Carbohydrates with Biological Regulatory Functions. , 1983, , 293-312.		67
61	Toxic and teratogenic effects of selected aromatic amines on embryos of the amphibian <i>Xenopus laevis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1981, 10, 371-391.	2.1	62