Stephen O Duke

List of Publications by Year
in descending order

263 papers	16,929 citations	16451 64 h-index	18130 120 g-index
278 all docs	278 docs citations	278 times ranked	12085 citing authors

#	Article	IF	Citations
1	Effect of low glyphosate doses on flowering and seed germination of glyphosateâ€resistant and â€susceptible <scp><i>Digitaria insularis</i></scp>. Pest Management Science, 2022, 78, 1227-1239.	3.4	11
2	The search for new herbicide mechanisms of action: Is there a â€˜holy grailâ€™?. Pest Management Science, 2022, 78, 1303-1313.	3.4	49
3	The potential future roles of natural compounds and microbial bioherbicides in weed management in crops. Advances in Weed Science, 2022, 40, .	1.2	25
4	Modelling biphasic hormetic dose responses to predict sub-NOAEL effects using plant biology as an example. Current Opinion in Toxicology, 2022, 29, 36-42.	5.0	27
5	The potential influence of hormesis on evolution of resistance to herbicides. Current Opinion in Environmental Science and Health, 2022, , 100360.	4.1	18
6	Benefits of Resveratrol and Pterostilbene to Crops and Their Potential Nutraceutical Value to Mammals. Agriculture (Switzerland), 2022, 12, 368.	3.1	12
7	Novel Dioxolane Ring Compounds for the Management of Phytopathogen Diseases as Ergosterol Biosynthesis Inhibitors: Synthesis, Biological Activities, and Molecular Docking. Journal of Agricultural and Food Chemistry, 2022, 70, 4303-4315.	5.2	21
8	Success, despite another plague year. Pest Management Science, 2022, 78, 7-11.	3.4	0
9	The Society of Chemical Industry at 140â€‰years and <i>Pest Management Science</i>. Pest Management Science, 2022, 78, 2105-2107.	3.4	0
10	Battling Blood-Feeding Insects, Weeds, and Hereditary Diseases with Inhibitors of a Common Enzyme. Outlooks on Pest Management, 2022, 33, 54-57.	0.2	0
11	Stepping beyond hormesis modeling and sub-NOAEL predictions in plant biology. Current Opinion in Environmental Science and Health, 2022, 28, 100366.	4.1	4
12	Secondary metabolites of <i>Thymelaea hirsuta</i>, a plant collected from the Sicilian Island of Lampedusa. Natural Product Research, 2021, 35, 3977-3984.	1.8	4
13	Characterization of the Allelopathic Potential of Sugarcane Leaves and Roots. Journal of Agricultural Chemistry and Environment, 2021, 10, 257-274.	0.5	2
14	<i>In vivo</i> assembly of the sorgoleone biosynthetic pathway and its impact on agroinfiltrated leaves of <i>Nicotiana benthamiana</i>. New Phytologist, 2021, 230, 683-697.	7.3	6
15	Synthesis, Crystal Structure, Herbicidal Activity, and SAR Study of Novel <i>N</i>-(Arylmethoxy)-2-chloronicotinamides Derived from Nicotinic Acid. Journal of Agricultural and Food Chemistry, 2021, 69, 6423-6430.	5.2	41
16	Structure Simplification of Natural Products as a Lead Generation Approach in Agrochemical Discovery. Journal of Agricultural and Food Chemistry, 2021, 69, 8324-8346.	5.2	68
17	Antimalarials and Phytotoxins from Botryosphaeria dothidea Identified from a Seed of Diseased Torreya taxifolia. Molecules, 2021, 26, 59.	3.8	10
18	Furanocoumarin with Phytotoxic Activity from the Leaves of <i>Amyris elemifera</i> (Rutaceae). ACS Omega, 2021, 6, 401-407.	3.5	4

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19	Ecotoxicology of Glyphosate, Its Formulants, and Environmental Degradation Products. Reviews of Environmental Contamination and Toxicology, 2021, 255, 129-205.	1.3	6
20	How Many Ways Can Nature Kill the Goose That Laid the Golden Egg? â€" The Many Mechanisms of Evolved Glyphosate Resistance. Outlooks on Pest Management, 2021, 32, 197-202.	0.2	1
21	Transcriptome and binding data indicate that citral inhibits single strand DNAâ€binding proteins. Physiologia Plantarum, 2020, 169, 99-109.	5.2	10
22	2019 â€" A year of continued growth. Pest Management Science, 2020, 76, 7-9.	3.4	1
23	Sesquiterpene-Î±-amino acid quaternary ammonium hybrids from Stereum complicatum (Steraceae). Biochemical Systematics and Ecology, 2020, 93, 104176.	1.3	0
24	Glyphosate exposure and toxicology. Pest Management Science, 2020, 76, 2873-2873.	3.4	4
25	Synthesis of Pyranopyrans Related to Diplopyrone and Evaluation as Antibacterials and Herbicides. Journal of Agricultural and Food Chemistry, 2020, 68, 9906-9916.	5.2	6
26	Proving the Mode of Action of Phytotoxic Phytochemicals. Plants, 2020, 9, 1756.	3.5	20
27	Mechanisms of evolved herbicide resistance. Journal of Biological Chemistry, 2020, 295, 10307-10330.	3.4	329
28	Glyphosate: environmental fate and impact. Weed Science, 2020, 68, 201-207.	1.5	50
29	Synthesis and Pesticidal Activities of New Quinoxalines. Journal of Agricultural and Food Chemistry, 2020, 68, 7324-7332.	5.2	65
30	Discovery for New Herbicide Sites of Action by Quantification of Plant Primary Metabolite and Enzyme Pools. Engineering, 2020, 6, 509-514.	6.7	32
31	The Contribution of Romidepsin to the Herbicidal Activity of<i>Burkholderia rinojensis</i>Biopesticide. Journal of Natural Products, 2020, 83, 843-851.	3.0	12
32	Sesquiterpenoids from culture of the fungus Stereum complicatum (Steraceae): structural diversity, antifungal and phytotoxic activities. Phytochemistry Letters, 2020, 37, 51-58.	1.2	5
33	Soil Microbial Communities in Diverse Agroecosystems Exposed to the Herbicide Glyphosate. Applied and Environmental Microbiology, 2020, 86, .	3.1	33
34	Agnes Rimando, a Pioneer in the Fate of Glyphosate and Its Primary Metabolite in Plants. Journal of Agricultural and Food Chemistry, 2020, 68, 5623-5630.	5.2	4
35	Green Plant Protection Innovation: Challenges and Perspectives. Engineering, 2020, 6, 483-484.	6.7	6
36	Glyphosate: Uses Other Than in Glyphosate-Resistant Crops, Mode of Action, Degradation in Plants, and Effects on Non-target Plants and Agricultural Microbes. Reviews of Environmental Contamination and Toxicology, 2020, 255, 1-65.	1.3	18

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37	Herbicide Mechanisms of Action and Resistance. , 2019, , 36-48.		22
38	Natural Products in Pest Management: Innovative Approaches for Increasing their Use. Pest Management Science, 2019, 75, 2299-2300.	3.4	15
39	Synthesis and biological activity of novel 1,3,4-oxadiazole derivatives containing a pyrazole moiety. Research on Chemical Intermediates, 2019, 45, 5989-6001.	2.7	10
40	New Phytotoxic Cassane-like Diterpenoids from <i>Eragrostis plana</i>. Journal of Agricultural and Food Chemistry, 2019, 67, 1973-1981.	5.2	15
41	New directions for integrated weed management: Modern technologies, tools and knowledge discovery. Advances in Agronomy, 2019, 155, 243-319.	5.2	59
42	Transcriptome responses to the natural phytotoxin <i>t</i>â€chalcone in <scp><i>Arabidopsis thaliana</i></scp> L.. Pest Management Science, 2019, 75, 2490-2504.	3.4	11
43	Antiplasmodial and Cytotoxic Cytochalasins from an Endophytic Fungus, Nemania sp. UM10M, Isolated from a Diseased Torreya taxifolia Leaf. Molecules, 2019, 24, 777.	3.8	26
44	Bioassay-Guided Isolation and Structure Elucidation of Fungicidal and Herbicidal Compounds from Ambrosia salsola (Asteraceae). Molecules, 2019, 24, 835.	3.8	7
45	Herbicide Metabolism: Crop Selectivity, Bioactivation, Weed Resistance, and Regulation. Weed Science, 2019, 67, 149-175.	1.5	62
46	Enhanced Metabolic Degradation: The Last Evolved Glyphosate Resistance Mechanism of Weeds?. Plant Physiology, 2019, 181, 1401-1403.	4.8	20
47	Synthesis and Biological Evaluation of 6-[(1<i>R</i>)-1-Hydroxyethyl]-2,4a(<i>R</i>),6(<i>S</i>),8a(<i>R</i>)-tetrahydropyrano-[3,2-<i>b</i>]-pyran-2-one and Structural Analogues of the Putative Structure of Diplopyrone. Journal of Organic Chemistry, 2019, 84, 666-678.	3.2	9
48	Synthesis and Herbicidal Activity of 1,2,4â€Triazole Derivatives Containing a Pyrazole Moiety. Journal of Heterocyclic Chemistry, 2019, 56, 968-971.	2.6	18
49	A novel genomic approach to herbicide and herbicide mode of action discovery. Pest Management Science, 2019, 75, 314-317.	3.4	36
50	A cytochrome P450 <scp>CYP</scp>71 enzyme expressed in <i>Sorghum bicolor</i> root hair cells participates in the biosynthesis of the benzoquinone allelochemical sorgoleone. New Phytologist, 2018, 218, 616-629.	7.3	28
51	Weed Management in 2050: Perspectives on the Future of Weed Science. Weed Science, 2018, 66, 275-285.	1.5	203
52	Glyphosate: The world's most successful herbicide under intense scientific scrutiny. Pest Management Science, 2018, 74, 1025-1026.	3.4	23
53	Comparative Metabolomic Analyses of <i>Ipomoea lacunosa</i> Biotypes with Contrasting Glyphosate Tolerance Captures Herbicide-Induced Differential Perturbations in Cellular Physiology. Journal of Agricultural and Food Chemistry, 2018, 66, 2027-2039.	5.2	11
54	Low doses of glyphosate enhance growth, CO₂ assimilation, stomatal conductance and transpiration in sugarcane and eucalyptus. Pest Management Science, 2018, 74, 1197-1205.	3.4	53

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55	The history and current status of glyphosate. Pest Management Science, 2018, 74, 1027-1034.	3.4	321
56	Lack of transgene and glyphosate effects on yield, and mineral and amino acid content of glyphosateâ€resistant soybean. Pest Management Science, 2018, 74, 1166-1173.	3.4	35
57	Overview of glyphosateâ€resistant weeds worldwide. Pest Management Science, 2018, 74, 1040-1049.	3.4	350
58	Isolation of a phytotoxic isocoumarin from <i>Diaporthe eresâ€</i>infected <scp><i>Hedera helix</i></scp> (English ivy) and synthesis of its phytotoxic analogs. Pest Management Science, 2018, 74, 37-45.	3.4	23
59	Phytotoxic Lignans from <i>Artemisia arborescens</i>. Natural Product Communications, 2018, 13, 1934578X1801300.	0.5	3
60	Use of Omics Methods To Determine the Mode of Action of Natural Phytotoxins. ACS Symposium Series, 2018, , 33-46.	0.5	0
61	Lack of effects of glyphosate and glufosinate on growth, mineral content, and yield of glyphosate- and glufosinate-resistant maize. GM Crops and Food, 2018, 9, 189-198.	3.8	10
62	Omics in Weed Science: A Perspective from Genomics, Transcriptomics, and Metabolomics Approaches. Weed Science, 2018, 66, 681-695.	1.5	36
63	Glyphosate Resistance Technology Has Minimal or No Effect on Maize Mineral Content and Yield. Journal of Agricultural and Food Chemistry, 2018, 66, 10139-10146.	5.2	15
64	Interaction of Chemical Pesticides and Their Formulation Ingredients with Microbes Associated with Plants and Plant Pests. Journal of Agricultural and Food Chemistry, 2018, 66, 7553-7561.	5.2	46
65	Natural Product-Based Chemical Herbicides. , 2018, , 153-165.		6
66	Is Mineral Nutrition of Glyphosate-resistant Crops Altered by Glyphosate Treatment?. Outlooks on Pest Management, 2018, 29, 206-208.	0.2	5
67	Summing up the past year forPest Management Science. Pest Management Science, 2017, 73, 7-8.	3.4	4
68	Pesticide Dose â€" A Parameter with Many Implications. ACS Symposium Series, 2017, , 1-13.	0.5	8
69	Phytotoxic triterpene saponins from Bellis longifolia, an endemic plant of Crete. Phytochemistry, 2017, 144, 71-77.	2.9	10
70	New Pesticidal Diterpenoids from Vellozia gigantea (Velloziaceae), an Endemic Neotropical Plant Living in the Endangered Brazilian Biome Rupestrian Grasslands. Molecules, 2017, 22, 175.	3.8	11
71	7Î±-Hydroxyfriedelan-3-one-26-ol-29-oic acid and other Constituents from <i>Pileostegia viburnoides</i> var. <i>glabrescens</i>. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	0
72	Khellin and Visnagin, Furanochromones from <i>Ammi visnaga</i> (L.) Lam., as Potential Bioherbicides. Journal of Agricultural and Food Chemistry, 2016, 64, 9475-9487.	5.2	43

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73	Glyphosate-Resistant and Conventional Canola (<i>Brassica napus</i> L.) Responses to Glyphosate and Aminomethylphosphonic Acid (AMPA) Treatment. Journal of Agricultural and Food Chemistry, 2016, 64, 3508-3513.	5.2	18
74	Stable Isotope Resolved Metabolomics Reveals the Role of Anabolic and Catabolic Processes in Glyphosate-Induced Amino Acid Accumulation in <i>Amaranthus palmeri</i> Biotypes. Journal of Agricultural and Food Chemistry, 2016, 64, 7040-7048.	5.2	43
75	Identification and Characterization of Biopesticides from Acorus tatarinowii and A. calamus. ACS Symposium Series, 2016, , 121-143.	0.5	1
76	Summing up 2015. Pest Management Science, 2016, 72, 5-7.	3.4	1
77	Curvularin and Dehydrocurvularin as Phytotoxic Constituents from <i>Curvularia intermedia</i> Infecting <i>Pandanus amaryllifolius</i>. Journal of Agricultural Chemistry and Environment, 2016, 05, 12-22.	0.5	8
78	7Î±-Hydroxyfriedelan-3-one-26-ol-29-oic acid and other Constituents from Pileostegia viburnoides var. glabrescens. Natural Product Communications, 2016, 11, 931-934.	0.5	1
79	Current and future status of the use of transgenes for pest management. Pest Management Science, 2015, 71, 643-644.	3.4	0
80	Discovery of New Herbicide Modes of Action with Natural Phytotoxins. ACS Symposium Series, 2015, , 79-92.	0.5	16
81	Proving Allelopathy in Cropâ€“Weed Interactions. Weed Science, 2015, 63, 121-132.	1.5	83
82	Possible Glyphosate Tolerance Mechanism in Pitted Morningglory (<i>Ipomoea lacunosa</i> L.). Journal of Agricultural and Food Chemistry, 2015, 63, 1689-1697.	5.2	24
83	Phomalactone from a Phytopathogenic Fungus Infecting ZINNIA elegans (ASTERACEAE) Leaves. Journal of Chemical Ecology, 2015, 41, 602-612.	1.8	7
84	Discovery and structure activity relationships of 2-pyrazolines derived from chalcones from a pest management perspective. Medicinal Chemistry Research, 2015, 24, 3632-3644.	2.4	18
85	Metabolic Profiling and Enzyme Analyses Indicate a Potential Role of Antioxidant Systems in Complementing Glyphosate Resistance in an <i>Amaranthus palmeri</i> Biotype. Journal of Agricultural and Food Chemistry, 2015, 63, 9199-9209.	5.2	58
86	Cantharidin, a protein phosphatase inhibitor, strongly upregulates detoxification enzymes in the Arabidopsis proteome. Journal of Plant Physiology, 2015, 173, 33-40.	3.5	10
87	Perspectives on transgenic, herbicideâ€‐resistant crops in the United States almost 20 years after introduction. Pest Management Science, 2015, 71, 652-657.	3.4	110
88	Soybean Mineral Composition and Glyphosate Use. , 2015, , 369-376.		3
89	Gossâ€™s Wilt Incidence in Sweet Corn Is Independent of Transgenic Traits and Glyphosate. Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 1791-1794.	1.0	15
90	Hormesis with Pesticides. Pest Management Science, 2014, 70, 689-689.	3.4	9

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91	The Growing Need for Biochemical Bioherbicides. ACS Symposium Series, 2014, , 31-43.	0.5	8
92	Evolution of resistance to phytoene desaturase and protoporphyrinogen oxidase inhibitorsÂâ€"Âstate of knowledge. Pest Management Science, 2014, 70, 1358-1366.	3.4	47
93	Potential Ecological Roles of Artemisinin Produced by Artemisia annua L.. Journal of Chemical Ecology, 2014, 40, 100-117.	1.8	50
94	Roots of the Invasive Species Carduus nutans L. and C. acanthoides L. Produce Large Amounts of Aplotaxene, a Possible Allelochemical. Journal of Chemical Ecology, 2014, 40, 276-284.	1.8	11
95	Herbicides and plant hormesis. Pest Management Science, 2014, 70, 698-707.	3.4	149
96	Biopesticides: State of the Art and Future Opportunities. Journal of Agricultural and Food Chemistry, 2014, 62, 11613-11619.	5.2	201
97	Natural Compounds as Next-Generation Herbicides. Plant Physiology, 2014, 166, 1090-1105.	4.8	270
98	Omics Methods for Probing the Mode of Action of Natural and Synthetic Phytotoxins. Journal of Chemical Ecology, 2013, 39, 333-347.	1.8	45
99	Clues to New Herbicide Mechanisms of Action from Natural Sources. ACS Symposium Series, 2013, , 203-215.	0.5	16
100	Editorial â€" January, 2013. Pest Management Science, 2013, 69, 1-2.	3.4	0
101	Human Health and Transgenic Crops Symposium Introduction. Journal of Agricultural and Food Chemistry, 2013, 61, 11693-11694.	5.2	4
102	Hormesis with glyphosate depends on coffee growth stage. Anais Da Academia Brasileira De Ciencias, 2013, 85, 813-822.	0.8	43
103	Phytochemicals for Pest Management: Current Advances and Future Opportunities. , 2013, , 71-94.		3
104	Multiple Resistance to Glyphosate and Pyrithiobac in Palmer Amaranth (<i>Amaranthus palmeri</i>) from Mississippi and Response to Flumiclorac. Weed Science, 2012, 60, 179-188.	1.5	72
105	Glyphosate Effects on Plant Mineral Nutrition, Crop Rhizosphere Microbiota, and Plant Disease in Glyphosate-Resistant Crops. Journal of Agricultural and Food Chemistry, 2012, 60, 10375-10397.	5.2	203
106	Antiprotozoal and Antimicrobial Compounds from the Plant Pathogen <i>Septoria pistaciarum</i>. Journal of Natural Products, 2012, 75, 883-889.	3.0	21
107	Bioassay-Directed Isolation and Identification of Phytotoxic and Fungitoxic Acetylenes from Conyza canadensis. Journal of Agricultural and Food Chemistry, 2012, 60, 5893-5898.	5.2	28
108	Natural Products As Sources for New Pesticides. Journal of Natural Products, 2012, 75, 1231-1242.	3.0	457

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109	Tabanone, a New Phytotoxic Constituent of Cogongrass (<i>Imperata cylindrica</i>). Weed Science, 2012, 60, 212-218.	1.5	26
110	Effects of Glyphosate on the Mineral Content of Glyphosate-Resistant Soybeans (<i>Glycine max</i>). Journal of Agricultural and Food Chemistry, 2012, 60, 6764-6771.	5.2	24
111	Phytotoxic Furanocoumarins from the Shoots of Semenovia Transiliensis. Natural Product Communications, 2012, 7, 1934578X1200701.	0.5	1
112	Rationale for a natural products approach to herbicide discovery. Pest Management Science, 2012, 68, 519-528.	3.4	166
113	Why have no new herbicide modes of action appeared in recent years?. Pest Management Science, 2012, 68, 505-512.	3.4	424
114	A time for herbicide discovery. Pest Management Science, 2012, 68, 493-493.	3.4	6
115	Validation of serine/threonine protein phosphatase as the herbicide target site of endothall. Pesticide Biochemistry and Physiology, 2012, 102, 38-44.	3.6	36
116	Comparing Conventional and Biotechnology-Based Pest Management. Journal of Agricultural and Food Chemistry, 2011, 59, 5793-5798.	5.2	53
117	Agricultural Impacts of Glyphosate-Resistant Soybean Cultivation in South America. Journal of Agricultural and Food Chemistry, 2011, 59, 5799-5807.	5.2	61
118	Glyphosate Degradation in Glyphosate-Resistant and -Susceptible Crops and Weeds. Journal of Agricultural and Food Chemistry, 2011, 59, 5835-5841.	5.2	149
119	Modes of Action of Microbially-Produced Phytotoxins. Toxins, 2011, 3, 1038-1064.	3.4	96
120	Transcriptional responses to cantharidin, a protein phosphatase inhibitor, in <i>Arabidopsis thaliana</i> reveal the involvement of multiple signal transduction pathways. Physiologia Plantarum, 2011, 143, 188-205.	5.2	33
121	Effects of the aglycone of ascaulitoxin on amino acid metabolism in Lemna paucicostata. Pesticide Biochemistry and Physiology, 2011, 100, 41-50.	3.6	31
122	Similarities between the discovery and regulation of pharmaceuticals and pesticides: in support of a better understanding of the risks and benefits of each. Pest Management Science, 2011, 67, 790-797.	3.4	21
123	Naturalâ€productâ€based chromenes as a novel class of potential termiticides. Pest Management Science, 2011, 67, 1446-1450.	3.4	20
124	Serine/threonine protein phosphatases: Multi-purpose enzymes in control of defense mechanisms. Plant Signaling and Behavior, 2011, 6, 1921-1925.	2.4	14
125	Phytotchemical Phytotoxins and Hormesis â€“ A Commentary. Dose-Response, 2011, 9, dose-response.1.	1.6	4
126	Natural Products for Weed Management in Organic Farming in the USA. Outlooks on Pest Management, 2010, 21, 156-160.	0.2	28

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127	Natural Toxins for Use in Pest Management. Toxins, 2010, 2, 1943-1962.	3.4	144
128	Sorgoleone. Phytochemistry, 2010, 71, 1032-1039.	2.9	120
129	Biochemical and structural consequences of a glycine deletion in the Î±-8 helix of protoporphyrinogen oxidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1548-1556.	2.3	57
130	Phytotoxic Activity of Flavonoids from Dicranostyles Ampla. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	0
131	Herbicides as Probes in Plant Biology. Weed Science, 2010, 58, 340-350.	1.5	58
132	Alkylresorcinol Synthases Expressed in <i>Sorghum bicolor</i> Root Hairs Play an Essential Role in the Biosynthesis of the Allelopathic Benzoquinone Sorgoleone Â. Plant Cell, 2010, 22, 867-887.	6.6	97
133	Effects of glyphosate-resistant crop cultivation on soil and water quality. GM Crops, 2010, 1, 16-24.	1.9	19
134	Alkylresorcinol biosynthesis in plants. Plant Signaling and Behavior, 2010, 5, 1286-1289.	2.4	43
135	Protoporphyrinogen Oxidase-Inhibiting Herbicides. , 2010, , 1733-1751.		50
136	Growth Regulation and Other Secondary Effects of Herbicides. Weed Science, 2010, 58, 351-354.	1.5	59
137	New Class of Algicidal Compounds and Fungicidal Activities Derived from a Chromene Amide of Amyris texana. Journal of Agricultural and Food Chemistry, 2010, 58, 9476-9482.	5.2	34
138	Herbicide and Pharmaceutical Relationships. Weed Science, 2010, 58, 334-339.	1.5	39
139	Introduction to the Symposium on Nonherbicide Use of Herbicides. Weed Science, 2010, 58, 323-323.	1.5	0
140	Transgenic Crops for Herbicide Resistance. , 2010, , 133-166.		16
141	The case against (â€“)-catechin involvement in allelopathy of<i>Centaurea stoebe</i>(spotted) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	21
142	Phytotoxicity of constituents of glandular trichomes and the leaf surface of camphorweed, Heterotheca subaxillaris. Phytochemistry, 2009, 70, 69-74.	2.9	31
143	Is (â^')-Catechin a Novel Weapon of Spotted Knapweed (Centaurea stoebe)?. Journal of Chemical Ecology, 2009, 35, 141-153.	1.8	77
144	Natural products in crop protection. Bioorganic and Medicinal Chemistry, 2009, 17, 4022-4034.	3.0	909

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145	Biologically Active Tetranorditerpenoids from the Fungus <i>Sclerotinia homoeocarpa</i> Causal Agent of Dollar Spot in Turfgrass. Journal of Natural Products, 2009, 72, 2091-2097.	3.0	19
146	Biological Activity of Allelochemicals. , 2009, , 361-384.		26
147	Identification of molecular pathways affected by pterostilbene, a natural dimethylether analog of resveratrol. BMC Medical Genomics, 2008, 1, 7.	1.5	37
148	Glyphosate: a onceâ€inâ€aâ€century herbicide. Pest Management Science, 2008, 64, 319-325.	3.4	1,253
149	Glyphosate applied at low doses can stimulate plant growth. Pest Management Science, 2008, 64, 489-496.	3.4	190
150	Aminomethylphosphonic Acid Accumulation in Plant Species Treated with Glyphosate. Journal of Agricultural and Food Chemistry, 2008, 56, 2125-2130.	5.2	102
151	Glyphosate Tolerance Mechanism in Italian Ryegrass (<i>Lolium multiflorum</i>) from Mississippi. Weed Science, 2008, 56, 344-349.	1.5	72
152	Isolation and Identification of Antifungal Fatty Acids from the Basidiomycete Gomphus floccosus. Journal of Agricultural and Food Chemistry, 2008, 56, 5062-5068.	5.2	25
153	A Functional Genomics Investigation of Allelochemical Biosynthesis in Sorghum bicolor Root Hairs. Journal of Biological Chemistry, 2008, 283, 3231-3247.	3.4	88
154	Functional Characterization of Desaturases Involved in the Formation of the Terminal Double Bond of an Unusual 16:3Î”9, 12, 15 Fatty Acid Isolated from Sorghum bicolor Root Hairs. Journal of Biological Chemistry, 2007, 282, 4326-4335.	3.4	39
155	The emergence of grass root chemical ecology. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16729-16730.	7.1	14
156	The Occurrence of Hormesis in Plants and Algae. Dose-Response, 2007, 5, dose-response.0.	1.6	168
157	INTERACTIONS OF SYNTHETIC HERBICIDES WITH PLANT DISEASE AND MICROBIAL HERBICIDES. , 2007, , 277-296.		22
158	Phytotoxic Eremophilanes from Ligularia macrophylla. Journal of Agricultural and Food Chemistry, 2007, 55, 10656-10663.	5.2	29
159	Glyphosate-Resistant and -Susceptible Soybean (Glycine max) and Canola (Brassica napus) Dose Response and Metabolism Relationships with Glyphosate. Journal of Agricultural and Food Chemistry, 2007, 55, 3540-3545.	5.2	77
160	Review of potential environmental impacts of transgenic glyphosate-resistant soybean in Brazil. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2007, 42, 539-549.	1.5	47
161	Molecular and Biochemical Characterization of Novel Polyketide Synthases Likely to Be Involved in the Biosynthesis of Sorgoleone. ACS Symposium Series, 2007, , 141-151.	0.5	1
162	p-Hydroxyphenylpyruvate dioxygenase is a herbicidal target site for Î²-triketones from Leptospermum scoparium. Phytochemistry, 2007, 68, 2004-2014.	2.9	100

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163	Weeding with allelochemicals and allelopathyâ€"a commentary. Pest Management Science, 2007, 63, 307-307.	3.4	14
164	Natural products that have been used commercially as crop protection agents. Pest Management Science, 2007, 63, 524-554.	3.4	419
165	Biological stress response terminology: Integrating the concepts of adaptive response and preconditioning stress within a hormetic doseâ€"response framework. Toxicology and Applied Pharmacology, 2007, 222, 122-128.	2.8	631
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