

Krishna N Reddy

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.

187
papers

5,154
citations

39
h-index

60
g-index

194
ext. papers

5,738
ext. citations

3
avg, IF

5.78
L-index

#	Paper	IF	Citations
187	Factors affecting <i>Campsis radicans</i> seed germination and seedling emergence. <i>Weed Science</i> , 2000 , 48, 212-216	2	159
186	Aminomethylphosphonic acid, a metabolite of glyphosate, causes injury in glyphosate-treated, glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 5139-43	5.7	157
185	Isoflavone, glyphosate, and aminomethylphosphonic acid levels in seeds of glyphosate-treated, glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 340-4	5.7	133
184	Factors affecting germination of horseweed (<i>Conyza canadensis</i>). <i>Weed Science</i> , 2006 , 54, 898-902	2	123
183	Role of absorption and translocation in the mechanism of glyphosate resistance in horseweed (<i>Conyza canadensis</i>). <i>Weed Science</i> , 2005 , 53, 84-89	2	118
182	Impact of glyphosate on the <i>Bradyrhizobium japonicum</i> symbiosis with glyphosate-resistant transgenic soybean: a minireview. <i>Journal of Environmental Quality</i> , 2004 , 33, 825-31	3.4	109
181	Effects of glyphosate on soil microbial communities and its mineralization in a Mississippi soil. <i>Pest Management Science</i> , 2007 , 63, 388-93	4.6	96
180	Factors affecting seed germination, seedling emergence, and survival of texasweed (<i>Caperonia palustris</i>). <i>Weed Science</i> , 2004 , 52, 989-995	2	96
179	Effects of Cereal and Legume Cover Crop Residues on Weeds, Yield, and Net Return in Soybean (<i>Glycine max</i>) ¹ . <i>Weed Technology</i> , 2001 , 15, 660-668	1.4	95
178	Glyphosate-resistant soybean response to various salts of glyphosate and glyphosate accumulation in soybean nodules. <i>Weed Science</i> , 2003 , 51, 496-502	2	90
177	Glyphosate Resistance in Tall Waterhemp (<i>Amaranthus tuberculatus</i>) from Mississippi is due to both Altered Target-Site and Nontarget-Site Mechanisms. <i>Weed Science</i> , 2013 , 61, 374-383	2	89
176	Nitrogenase activity, nitrogen content, and yield responses to glyphosate in glyphosate-resistant soybean. <i>Crop Protection</i> , 2007 , 26, 370-376	2.7	89
175	Aminomethylphosphonic acid accumulation in plant species treated with glyphosate. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2125-30	5.7	83
174	Agronomic and environmental implications of enhanced s-triazine degradation. <i>Pest Management Science</i> , 2010 , 66, 461-81	4.6	80
173	Effect of Glyphosate on Growth, Chlorophyll, and Nodulation in Glyphosate-Resistant and Susceptible Soybean (<i>Glycine max</i>) Varieties. <i>Journal of New Seeds</i> , 2001 , 2, 37-52		78
172	Germination and Emergence of Hairy Beggarticks (<i>Bidens pilosa</i>). <i>Weed Science</i> , 1992 , 40, 195-199	2	78
171	Cover crop, tillage, and herbicide effects on weeds, soil properties, microbial populations, and soybean yield. <i>Weed Science</i> , 2003 , 51, 987-994	2	77

170	Weed Control and Economic Comparisons of Glyphosate-Resistant, Sulfonylurea-Tolerant, and Conventional Soybean (Glycine max) Systems ¹ . <i>Weed Technology</i> , 2000 , 14, 204-211	1.4	70
169	Glyphosate-Resistant Weeds: Current Status and Future Outlook. <i>Outlooks on Pest Management</i> , 2005 , 16, 183-187	1.7	69
168	Weed management in conservation crop production systems. <i>Weed Biology and Management</i> , 2002 , 2, 123-132	1.4	68
167	Glyphosate-resistant and -susceptible soybean (Glycine max) and canola (Brassica napus) dose response and metabolism relationships with glyphosate. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3540-5	5.7	67
166	Wavelet analysis of hyperspectral reflectance data for detecting pitted morningglory (Ipomoea lacunosa) in soybean (Glycine max). <i>Remote Sensing of Environment</i> , 2003 , 86, 108-119	13.2	66
165	Glyphosate Tolerance Mechanism in Italian Ryegrass (Lolium multiflorum) from Mississippi. <i>Weed Science</i> , 2008 , 56, 344-349	2	64
164	Multiple Resistance to Glyphosate and Pyriithiobac in Palmer Amaranth (Amaranthus palmeri) from Mississippi and Response to Flumiclorac. <i>Weed Science</i> , 2012 , 60, 179-188	2	63
163	Irrigation Methods and Scheduling in the Delta Region of Mississippi: Current Status and Strategies to Improve Irrigation Efficiency. <i>American Journal of Plant Sciences</i> , 2014 , 05, 2917-2928	0.5	63
162	Agricultural practices altered soybean seed protein, oil, fatty acids, sugars, and minerals in the Midsouth USA. <i>Frontiers in Plant Science</i> , 2015 , 6, 31	6.2	62
161	Impact of Rye Cover Crop and Herbicides on Weeds, Yield, and Net Return in Narrow-Row Transgenic and Conventional Soybean (Glycine max) ¹ . <i>Weed Technology</i> , 2003 , 17, 28-35	1.4	62
160	Herbicide efficacy, leaf structure, and spray droplet contact angle among Ipomoea species and smallflower morningglory. <i>Weed Science</i> , 2001 , 49, 628-634	2	62
159	Chlorimuron ethyl sorption and desorption kinetics in soils and herbicide-desiccated cover crop residues. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 2752-2757	5.7	58
158	UAV Low-Altitude Remote Sensing for Precision Weed Management. <i>Weed Technology</i> , 2018 , 32, 2-6	1.4	54
157	Sulfentrazone sorption, desorption, and mineralization in soils from two tillage systems. <i>Weed Science</i> , 1998 , 46, 494-500	2	52
156	Simulated glyphosate drift influences nitrate assimilation and nitrogen fixation in non-glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3357-64	5.7	45
155	Early detection of crop injury from herbicide glyphosate by leaf biochemical parameter inversion. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014 , 31, 78-85	7.3	44
154	Characterization of leaf surface, wax composition, and control of redvine and trumpet creeper with glyphosate. <i>Weed Science</i> , 2001 , 49, 156-163	2	44
153	Glyphosate-resistant soybean as a weed management tool: Opportunities and challenges. <i>Weed Biology and Management</i> , 2001 , 1, 193-202	1.4	43

152	Effects of Isoxazole Herbicides on Protoporphyrinogen Oxidase and Porphyrin Physiology. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 967-975	5.7	42
151	Chlorimuron Adsorption, Desorption, and Degradation in Soils from Conventional Tillage and No-Tillage Systems. <i>Journal of Environmental Quality</i> , 1995 , 24, 760-767	3.4	42
150	Nitrogen metabolism and seed composition as influenced by glyphosate application in glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2765-72	5.7	40
149	Rapid development of enhanced atrazine degradation in a Dundee silt loam soil under continuous corn and in rotation with cotton. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 852-9	5.7	39
148	Effects of glyphosate application on seed iron and root ferric (III) reductase in soybean cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9569-74	5.7	38
147	Enhanced degradation of atrazine under field conditions correlates with a loss of weed control in the glasshouse. <i>Pest Management Science</i> , 2007 , 63, 23-31	4.6	38
146	Integrating soil conservation practices and glyphosate-resistant crops: impacts on soil. <i>Pest Management Science</i> , 2008 , 64, 457-69	4.6	37
145	Early Detection of Crop Injury from Glyphosate on Soybean and Cotton Using Plant Leaf Hyperspectral Data. <i>Remote Sensing</i> , 2014 , 6, 1538-1563	5	35
144	Nitrogen metabolism and seed composition as influenced by foliar boron application in soybean. <i>Plant and Soil</i> , 2010 , 336, 143-155	4.2	35
143	Organosilicone Adjuvant Effects on Glyphosate Efficacy and Rainfastness. <i>Weed Technology</i> , 1992 , 6, 361-365	1.4	35
142	Physiological responses of glyphosate-resistant and glyphosate-sensitive soybean to aminomethylphosphonic acid, a metabolite of glyphosate. <i>Chemosphere</i> , 2011 , 83, 593-8	8.4	34
141	Influence of leaf surface micromorphology, wax content, and surfactant on primisulfuron droplet spread on barnyardgrass (<i>Echinochloa crus-galli</i>) and green foxtail (<i>Setaria viridis</i>). <i>Weed Science</i> , 2006 , 54, 627-633	2	33
140	Factors Affecting Toxicity, Absorption, and Translocation of Glyphosate in Redvine (<i>Brunnichia ovata</i>)1. <i>Weed Technology</i> , 2000 , 14, 457-462	1.4	32
139	Glyphosate Injury, Rainfastness, Absorption, and Translocation in Purple Nutsedge (<i>Cyperus rotundus</i>). <i>Weed Technology</i> , 1999 , 13, 112-119	1.4	32
138	Random forest and leaf multispectral reflectance data to differentiate three soybean varieties from two pigweeds. <i>Computers and Electronics in Agriculture</i> , 2016 , 128, 199-206	6.5	31
137	Glyphosate and bioherbicide interaction for controlling kudzu (<i>Pueraria lobata</i>), redvine (<i>Brunnichia ovata</i>), and trumpet creeper (<i>Campsis radicans</i>). <i>Biocontrol Science and Technology</i> , 2006 , 16, 1067-1077	1.7	30
136	Glyphosate effect on shikimate, nitrate reductase activity, yield, and seed composition in corn. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3646-50	5.7	29
135	Biological responses to glyphosate drift from aerial application in non-glyphosate-resistant corn. <i>Pest Management Science</i> , 2010 , 66, 1148-54	4.6	29

134	Cotton and corn rotation under reduced tillage management: impacts on soil properties, weed control, yield, and net return. <i>Weed Science</i> , 2006 , 54, 768-774	2	29
133	Detecting Late-Season Weed Infestations in Soybean (<i>Glycine max</i>)1. <i>Weed Technology</i> , 2003 , 17, 696-704	4	28
132	Imazaquin Spray Retention, Foliar Washoff and Runoff Losses under Simulated Rainfall. <i>Pest Management Science</i> , 1996 , 48, 179-187		28
131	Foliar washoff and runoff losses of lactofen, norflurazon, and fluometuron under simulated rainfall. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 2338-2343	5.7	28
130	Lack of transgene and glyphosate effects on yield, and mineral and amino acid content of glyphosate-resistant soybean. <i>Pest Management Science</i> , 2018 , 74, 1166-1173	4.6	26
129	Quantifying soybean evapotranspiration using an eddy covariance approach. <i>Agricultural Water Management</i> , 2018 , 209, 228-239	5.9	26
128	Toxicity, Absorption, and Translocation of Soil-Applied Chlorimuron in Yellow and Purple Nutsedge (<i>Cyperus esculentus</i> and <i>C. rotundus</i>). <i>Weed Science</i> , 1989 , 37, 147-151	2	26
127	Glyphosate-Resistant Crop Production Systems: Impact on Weed Species Shifts165-184		26
126	Enhanced Atrazine Degradation: Evidence for Reduced Residual Weed Control and a Method for Identifying Adapted Soils and Predicting Herbicide Persistence. <i>Weed Science</i> , 2009 , 57, 427-434	2	25
125	Soil depth and tillage effects on glyphosate degradation. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4867-71	5.7	25
124	Electron Microscopy and Molecular Characterization of Phytoplasmas Associated with Little Leaf Disease of Brinjal (<i>Solanum melongena</i> L.) and Periwinkle (<i>Catharanthus roseus</i>) in Bangladesh. <i>Journal of Phytopathology</i> , 2001 , 149, 237-244	1.8	25
123	Differential Response to Glyphosate in Italian Ryegrass (<i>Lolium Multiflorum</i>) Populations from Mississippi. <i>Weed Technology</i> , 2007 , 21, 477-482	1.4	24
122	Sorption and desorption of diuron and norflurazon in Florida citrus soils. <i>Water, Air, and Soil Pollution</i> , 1992 , 64, 487-494	2.6	24
121	Toxicity, Absorption, Translocation, and Metabolism of Foliar-Applied Chlorimuron in Yellow and Purple Nutsedge (<i>Cyperus esculentus</i> and <i>C. rotundus</i>). <i>Weed Science</i> , 1988 , 36, 707-712	2	24
120	Weed Control and Yield Comparisons of Twin- and Single-Row Glyphosate-Resistant Cotton Production Systems. <i>Weed Technology</i> , 2010 , 24, 95-101	1.4	23
119	Ragweed <i>Parthenium</i> (<i>Parthenium hysterophorus</i>) Control with Preemergence and Postemergence Herbicides. <i>Weed Technology</i> , 2007 , 21, 982-986	1.4	23
118	Weed Control and Species Shift in Bromoxynil- and Glyphosate-Resistant Cotton (<i>Gossypium hirsutum</i>) Rotation Systems1. <i>Weed Technology</i> , 2004 , 18, 131-139	1.4	23
117	Quantifying water and CO fluxes and water use efficiencies across irrigated C and C crops in a humid climate. <i>Science of the Total Environment</i> , 2019 , 663, 338-350	10.2	22

116	Possible glyphosate tolerance mechanism in pitted morningglory (<i>Ipomoea lacunosa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 1689-97	5.7	22
115	Isolates of <i>Diaporthe-Phomopsis</i> from weeds and their effect on soybean. <i>Canadian Journal of Plant Pathology</i> , 2007 , 29, 283-289	1.6	22
114	Purple Nutsedge (<i>Cyperus rotundus</i>) Population Dynamics in Narrow Row Transgenic Cotton (<i>Gossypium hirsutum</i>) and Soybean (<i>Glycine max</i>) Rotation1. <i>Weed Technology</i> , 2003 , 17, 805-810	1.4	22
113	Prediction of Soil Sorption (K _{oc}) of Herbicides Using Semiempirical Molecular Properties. <i>Weed Science</i> , 1994 , 42, 453-461	2	22
112	Effects of Row-Type, Row-Spacing, Seeding Rate, Soil-Type, and Cultivar Differences on Soybean Seed Nutrition under US Mississippi Delta Conditions. <i>PLoS ONE</i> , 2015 , 10, e0129913	3.7	22
111	Growing season variability in carbon dioxide exchange of irrigated and rainfed soybean in the southern United States. <i>Science of the Total Environment</i> , 2017 , 593-594, 263-273	10.2	21
110	Glyphosate-resistant and glyphosate-susceptible Palmer amaranth (<i>Amaranthus palmeri</i> S. Wats.): hyperspectral reflectance properties of plants and potential for classification. <i>Pest Management Science</i> , 2014 , 70, 1910-7	4.6	21
109	Effects of glyphosate on the mineral content of glyphosate-resistant soybeans (<i>Glycine max</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6764-71	5.7	21
108	Using vegetation index and modified derivative for early detection of soybean plant injury from glyphosate. <i>Computers and Electronics in Agriculture</i> , 2012 , 89, 145-157	6.5	20
107	MSMA Antagonizes Glyphosate and Glufosinate Efficacy on Broadleaf and Grass Weeds. <i>Weed Technology</i> , 2007 , 21, 159-165	1.4	20
106	Rapid method for analysis of atrazine and acetanilide herbicides in groundwater by micro liquid/liquid extraction. <i>Journal of Agricultural and Food Chemistry</i> , 1991 , 39, 2184-2187	5.7	20
105	Effects of Barnyardgrass (<i>Echinochloa crus-galli</i>) on Growth, Yield, and Nutrient Status of Transplanted Tomato (<i>Lycopersicon esculentum</i>). <i>Weed Science</i> , 1988 , 36, 775-778	2	20
104	TILLAGE AND COVER CROP EFFECTS ON CYANAZINE ADSORPTION AND DESORPTION KINETICS. <i>Soil Science</i> , 1997 , 162, 501-509	0.9	20
103	Assessing crop damage from dicamba on non-dicamba-tolerant soybean by hyperspectral imaging through machine learning. <i>Pest Management Science</i> , 2019 , 75, 3260-3272	4.6	19
102	Assessment of soybean injury from glyphosate using airborne multispectral remote sensing. <i>Pest Management Science</i> , 2015 , 71, 545-52	4.6	19
101	Determination of differences in crop injury from aerial application of glyphosate using vegetation indices. <i>Computers and Electronics in Agriculture</i> , 2011 , 77, 204-213	6.5	19
100	Leaf characteristics and surfactants affect primisulfuron droplet spread in three broadleaf weeds. <i>Weed Science</i> , 2006 , 54, 16-22	2	19
99	Live and Killed Hairy Vetch Cover Crop Effects on Weeds and Yield in Glyphosate-Resistant Corn. <i>Weed Technology</i> , 2004 , 18, 835-840	1.4	19

98	Detection of pitted morningglory (<i>Ipomoea lacunosa</i>) with hyperspectral remote sensing. II. Effects of vegetation ground cover and reflectance properties. <i>Weed Science</i> , 2004 , 52, 230-235	2	19
97	Supercritical CO ₂ Fluid Extraction of Imazaquin From Soil. <i>Weed Science</i> , 1994 , 42, 249-253	2	19
96	Propagule Densities of <i>Macrophomina phaseolina</i> in Soybean Tissue and Soil as Affected by Tillage, Cover Crop, and Herbicide. <i>Plant Health Progress</i> , 2009 , 10, 28	1.2	19
95	Soil Microbial Communities in Diverse Agroecosystems Exposed to the Herbicide Glyphosate. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	18
94	In-situ plant hyperspectral sensing for early detection of soybean injury from dicamba. <i>Biosystems Engineering</i> , 2016 , 149, 51-59	4.8	18
93	Responses of nitrogen metabolism and seed nutrition to drought stress in soybean genotypes differing in slow-wilting phenotype. <i>Frontiers in Plant Science</i> , 2013 , 4, 498	6.2	17
92	Redvine (<i>Brunnichia ovata</i>) and trumpetcreeper (<i>Campsis radicans</i>) controlled under field conditions by a synergistic interaction of the bioherbicide, <i>Myrothecium verrucaria</i> , with glyphosate. <i>Weed Biology and Management</i> , 2008 , 8, 39-45	1.4	17
91	Tillage management to mitigate herbicide loss in runoff under simulated rainfall conditions. <i>Chemosphere</i> , 2008 , 70, 1422-8	8.4	17
90	Broadleaf Weed Control in Ultra Narrow Row Bromoxynil-Resistant Cotton (<i>Gossypium hirsutum</i>) ¹ . <i>Weed Technology</i> , 2001 , 15, 497-504	1.4	17
89	Relationships between molecular properties and log P and soil sorption (K _{oc}) of substituted phenylureas: QSAR models. <i>Chemosphere</i> , 1994 , 28, 1929-1941	8.4	17
88	Interference of Common Lambsquarters (<i>Chenopodium album</i>) in Transplanted Tomato (<i>Lycopersicon esculentum</i>). <i>Weed Technology</i> , 1988 , 2, 505-508	1.4	17
87	Ecotype Variability and Edaphic Characteristics for Cogongrass (<i>Imperata cylindrica</i>) Populations in Mississippi. <i>Invasive Plant Science and Management</i> , 2010 , 3, 199-207	1	16
86	Mycotoxin occurrence and <i>Aspergillus flavus</i> soil propagules in a corn and cotton glyphosate-resistant cropping systems. <i>Food Additives and Contaminants</i> , 2007 , 24, 1367-73		16
85	Glyphosate efficacy, absorption, and translocation in pitted morningglory (<i>Ipomoea lacunosa</i>). <i>Weed Science</i> , 2005 , 53, 277-283	2	16
84	Effect of Glyphosate Spray Coverage on Control of Pitted Morningglory (<i>Ipomoea lacunosa</i>) ¹ . <i>Weed Technology</i> , 2004 , 18, 124-130	1.4	16
83	Antagonism of BAS 625 by selected broadleaf herbicides and the role of ethanol. <i>Weed Science</i> , 2000 , 48, 181-187	2	16
82	Molecular properties as descriptors of octanol-water partition coefficients of herbicides. <i>Water, Air, and Soil Pollution</i> , 1996 , 86, 389-405	2.6	16
81	Sorption and leaching of bromacil and simazine in Florida flatwoods soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1992 , 48, 662-70	2.7	16

80	Effect of acrylic polymer adjuvants on leaching of bromacil, diuron, norflurazon, and simazine in soil columns. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1993 , 50, 449-57	2.7	16
79	GossWilt Incidence in Sweet Corn Is Independent of Transgenic Traits and Glyphosate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015 , 50, 1791-1794	2.4	15
78	Conservation Management in Cotton Production: Long-Term Soil Biological, Chemical, and Physical Changes. <i>Soil Science Society of America Journal</i> , 2013 , 77, 974-984	2.5	14
77	Weed Control and Cotton Response to Combinations of Glyphosate and Trifloxysulfuron ¹ . <i>Weed Technology</i> , 2005 , 19, 113-121	1.4	14
76	Effects of rye cover crop residue and herbicides on weed control in narrow and wide row soybean planting systems. <i>Weed Biology and Management</i> , 2002 , 2, 216-224	1.4	14
75	Absorption and translocation of glyphosate in <i>Erythroxylum coca</i> and <i>E. novogranatense</i> . <i>Weed Science</i> , 2000 , 48, 193-199	2	14
74	Modeling evapotranspiration for irrigation water management in a humid climate. <i>Agricultural Water Management</i> , 2019 , 225, 105731	5.9	13
73	Biological Response of Soybean and Cotton to Aerial Glyphosate Drift. <i>Journal of Crop Improvement</i> , 2011 , 25, 291-302	1.4	13
72	Weed Control and Economic Comparisons in Soybean Planting Systems. <i>Agroecology and Sustainable Food Systems</i> , 2002 , 21, 21-35		13
71	Influence of Planting Date on Seed Protein, Oil, Sugars, Minerals, and Nitrogen Metabolism in Soybean under Irrigated and Non-Irrigated Environments. <i>American Journal of Plant Sciences</i> , 2011 , 02, 702-715	0.5	13
70	Glyphosate Resistance Technology Has Minimal or No Effect on Maize Mineral Content and Yield. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 10139-10146	5.7	13
69	Quantifying evapotranspiration and crop coefficients for cotton (<i>Gossypium hirsutum</i> L.) using an eddy covariance approach. <i>Agricultural Water Management</i> , 2020 , 233, 106091	5.9	12
68	Effect of glyphosate on <i>Macrophomina phaseolina</i> <i>in vitro</i> and its effect on disease severity of soybean in the field. <i>Crop Protection</i> , 2013 , 54, 23-28	2.7	12
67	Glufosinate and ammonium sulfate inhibit atrazine degradation in adapted soils. <i>Biology and Fertility of Soils</i> , 2008 , 45, 19-26	6.1	12
66	Evidence for cross-adaptation between s-triazine herbicides resulting in reduced efficacy under field conditions. <i>Pest Management Science</i> , 2008 , 64, 1024-30	4.6	12
65	Formulation and Adjuvant Effects on Uptake and Translocation of Clethodim in Bermudagrass (<i>Cynodon dactylon</i>). <i>Weed Science</i> , 2007 , 55, 6-11	2	12
64	Weed Management in Transgenic Soybean Resistant to Glyphosate Under Conventional Tillage and No-Tillage Systems. <i>Journal of New Seeds</i> , 2001 , 3, 27-41		12
63	Application of an energy balance method for estimating evapotranspiration in cropping systems. <i>Agricultural Water Management</i> , 2018 , 204, 107-117	5.9	11

62	Saflufenacil efficacy on horseweed and its interaction with glyphosate. <i>Weed Biology and Management</i> , 2013 , 13, 135-143	1.4	11
61	Glufosinate Effects on Nitrogen Nutrition, Growth, Yield, and Seed Composition in Glufosinate-Resistant and Glufosinate-Sensitive Soybean. <i>International Journal of Agronomy</i> , 2011 , 2011, 1-9	1.9	11
60	Pitted and Hybrid Morningglory Accessions Have Variable Tolerance to Glyphosate. <i>Weed Technology</i> , 2009 , 23, 592-598	1.4	11
59	ADJUVANT MODIFICATION OF HERBICIDE INTERACTIONS IN AQUEOUS SOIL SUSPENSIONS. <i>Soil Science</i> , 2002 , 167, 444-452	0.9	11
58	Weed Control in Soybean (Glycine max) with Cloransulam and Diclosulam1. <i>Weed Technology</i> , 2000 , 14, 293-297	1.4	11
57	Purple Nutsedge (<i>Cyperus rotundus</i>) and Sicklepod (<i>Senna obtusifolia</i>) Response to Glyphosate Mixtures with ALS-Inhibiting Herbicides. <i>Weed Technology</i> , 1999 , 13, 361-366	1.4	11
56	Bentazon Spray Retention, Activity, and Foliar Washoff in Weed Species. <i>Weed Technology</i> , 1995 , 9, 773-778	1.4	11
55	Sorption of Bentazon and Degradation Products in Two Mississippi Soils. <i>Weed Science</i> , 1996 , 44, 678-682		11
54	Tillage, Fungicide, and Cultivar Effects on Frogeye Leaf Spot Severity and Yield in Soybean. <i>Plant Disease</i> , 2014 , 98, 1476-1484	1.5	10
53	Climate-Optimized Planting Windows for Cotton in the Lower Mississippi Delta Region. <i>Agronomy</i> , 2016 , 6, 46	3.6	10
52	In-Crop and Autumn-Applied Glyphosate Reduced Purple Nutsedge (<i>Cyperus rotundus</i>) Density in No-Till Glyphosate-Resistant Corn and Soybean. <i>Weed Technology</i> , 2009 , 23, 384-390	1.4	9
51	Foliar washoff potential and simulated surface runoff losses of trifloxysulfuron in cotton. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5498-502	5.7	9
50	Pelargonic Acid and Rainfall Effects on Glyphosate Activity in Trumpet creeper (<i>Campsis radicans</i>)1. <i>Weed Technology</i> , 2004 , 18, 66-72	1.4	9
49	Clomazone volatilization under varying environmental conditions. <i>Chemosphere</i> , 1996 , 33, 1213-1225	8.4	9
48	Organosilicone Adjuvants Increased the Efficacy of Glyphosate for Control of Weeds in Citrus (<i>Citrus</i> spp.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1992 , 27, 1003-1005	2.4	9
47	Influence of Early-Season Nitrogen and Weed Management on Irrigated and Nonirrigated Glyphosate-Resistant and Susceptible Soybean. <i>Agronomy Journal</i> , 2003 , 95, 446-453	2.2	8
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