

# Krishna N Reddy

## List of Publications by Year in Descending Order

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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	Investigating soybean ( <i>Glycine max</i> L.) responses to irrigation on a large-scale farm in the humid climate of the Mississippi Delta region. <i>Agricultural Water Management</i> , <b>2022</b> , 262, 107432	5.9	
186	Using Machine Learning and Hyperspectral Images to Assess Damages to Corn Plant Caused by Glyphosate and to Evaluate Recoverability. <i>Agronomy</i> , <b>2021</b> , 11, 583	3.6	2
185	Effects of Irrigation and Planting Geometry on Soybean ( <i>Glycine max</i> L.) Seed Nutrition in Humid Climates. <i>International Journal of Agronomy</i> , <b>2021</b> , 2021, 1-9	1.9	0
184	Water Use Efficiencies of Different Maturity Group Soybean Cultivars in the Humid Mississippi Delta. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1496	3	1
183	Eddy covariance quantification of soybean ( <i>Glycine max</i> L.,) crop coefficients in a farmer's field in a humid climate. <i>Irrigation Science</i> , <b>2021</b> , 39, 651-669	3.1	
182	Effects of irrigation and planting geometry on cotton ( <i>Gossypium hirsutum</i> L.) fiber quality and seed composition. <i>Journal of Cotton Research</i> , <b>2021</b> , 4,	2.3	5
181	Assessing irrigation water use efficiency and economy of twin-row soybean in the Mississippi Delta. <i>Agronomy Journal</i> , <b>2020</b> , 112, 4219-4231	2.2	7
180	Quantifying evapotranspiration and crop coefficients for cotton ( <i>Gossypium hirsutum</i> L.) using an eddy covariance approach. <i>Agricultural Water Management</i> , <b>2020</b> , 233, 106091	5.9	12
179	Soil Microbial Communities in Diverse Agroecosystems Exposed to the Herbicide Glyphosate. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	18
178	Modeling evapotranspiration for irrigation water management in a humid climate. <i>Agricultural Water Management</i> , <b>2019</b> , 225, 105731	5.9	13
177	Assessing crop damage from dicamba on non-dicamba-tolerant soybean by hyperspectral imaging through machine learning. <i>Pest Management Science</i> , <b>2019</b> , 75, 3260-3272	4.6	19
176	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> , <b>2019</b> , 663, 338-350	10.2	22
175	Geographic Information System for Pigweed Distribution in the US Southeast. <i>Weed Technology</i> , <b>2018</b> , 32, 20-26	1.4	2
174	Introduction to the Symposium on Precision Agriculture and Weed Science. <i>Weed Technology</i> , <b>2018</b> , 32, 1-1	1.4	6
173	Application of an energy balance method for estimating evapotranspiration in cropping systems. <i>Agricultural Water Management</i> , <b>2018</b> , 204, 107-117	5.9	11
172	Lack of transgene and glyphosate effects on yield, and mineral and amino acid content of glyphosate-resistant soybean. <i>Pest Management Science</i> , <b>2018</b> , 74, 1166-1173	4.6	26
171	Quantifying soybean evapotranspiration using an eddy covariance approach. <i>Agricultural Water Management</i> , <b>2018</b> , 209, 228-239	5.9	26

170	UAV Low-Altitude Remote Sensing for Precision Weed Management. <i>Weed Technology</i> , <b>2018</b> , 32, 2-6	1.4	54
169	Conservation Tillage Impacts and Adaptations in Irrigated Corn Production in a Humid Climate. <i>Agronomy Journal</i> , <b>2018</b> , 110, 2673-2686	2.2	7
168	Glyphosate Resistance Technology Has Minimal or No Effect on Maize Mineral Content and Yield. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 10139-10146	5.7	13
167	Growing season variability in carbon dioxide exchange of irrigated and rainfed soybean in the southern United States. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 263-273	10.2	21
166	Impact of glyphosate-resistant corn, glyphosate applications and tillage on soil nutrient ratios, exoenzyme activities and nutrient acquisition ratios. <i>Pest Management Science</i> , <b>2017</b> , 73, 78-86	4.6	2
165	Glyphosate Applications, Glyphosate Resistant Corn, and Tillage on Nitrification Rates and Distribution of Nitrifying Microbial Communities. <i>Soil Science Society of America Journal</i> , <b>2017</b> , 81, 1371-1380	2.5	3
164	In-situ plant hyperspectral sensing for early detection of soybean injury from dicamba. <i>Biosystems Engineering</i> , <b>2016</b> , 149, 51-59	4.8	18
163	Herbicide-resistant weeds: Management strategies and upcoming technologies. <i>Indian Journal of Weed Science</i> , <b>2016</b> , 48, 108	1.2	5
162	Climate-Optimized Planting Windows for Cotton in the Lower Mississippi Delta Region. <i>Agronomy</i> , <b>2016</b> , 6, 46	3.6	10
161	Vulnerabilities and Adapting Irrigated and Rainfed Cotton to Climate Change in the Lower Mississippi Delta Region. <i>Climate</i> , <b>2016</b> , 4, 55	3.1	8
160	Potassium and phosphorus have no effect on severity of charcoal rot of soybean. <i>Canadian Journal of Plant Pathology</i> , <b>2016</b> , 38, 174-182	1.6	4
159	Random forest and leaf multispectral reflectance data to differentiate three soybean varieties from two pigweeds. <i>Computers and Electronics in Agriculture</i> , <b>2016</b> , 128, 199-206	6.5	31
158	Agricultural practices altered soybean seed protein, oil, fatty acids, sugars, and minerals in the Midsouth USA. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 31	6.2	62
157	Detection of the onset of glyphosate-induced soybean plant injury through chlorophyll fluorescence signal extraction and measurement. <i>Journal of Applied Remote Sensing</i> , <b>2015</b> , 9, 097098	1.4	7
156	Soybean Mineral Composition and Glyphosate Use <b>2015</b> , 369-376		2
155	Assessment of soybean injury from glyphosate using airborne multispectral remote sensing. <i>Pest Management Science</i> , <b>2015</b> , 71, 545-52	4.6	19
154	Drought and Heat Stress Effects on Soybean Fatty Acid Composition and Oil Stability <b>2015</b> , 377-384		3
153	Possible glyphosate tolerance mechanism in pitted morningglory ( <i>Ipomoea lacunosa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1689-97	5.7	22

152	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> , <b>2015</b> , 10, e0129913	3.7	22
151	GossWilt Incidence in Sweet Corn Is Independent of Transgenic Traits and Glyphosate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , <b>2015</b> , 50, 1791-1794	2.4	15
150	Tillage, Fungicide, and Cultivar Effects on Frogeye Leaf Spot Severity and Yield in Soybean. <i>Plant Disease</i> , <b>2014</b> , 98, 1476-1484	1.5	10
149	Early detection of crop injury from herbicide glyphosate by leaf biochemical parameter inversion. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2014</b> , 31, 78-85	7.3	44
148	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> , <b>2014</b> , 70, 1910-7	4.6	21
147	Early Detection of Crop Injury from Glyphosate on Soybean and Cotton Using Plant Leaf Hyperspectral Data. <i>Remote Sensing</i> , <b>2014</b> , 6, 1538-1563	5	35
146	Differentiating glyphosate-resistant and glyphosate-sensitive Italian ryegrass using hyperspectral imagery <b>2014</b> ,		3
145	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> , <b>2014</b> , 05, 2917-2928	0.5	63
144	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> , <b>2013</b> , 54, 23-28	2.7	12
143	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> , <b>2013</b> , 61, 374-383	2	89
142	Responses of nitrogen metabolism and seed nutrition to drought stress in soybean genotypes differing in slow-wilting phenotype. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 498	6.2	17
141	Saflufenacil efficacy on horseweed and its interaction with glyphosate. <i>Weed Biology and Management</i> , <b>2013</b> , 13, 135-143	1.4	11
140	Conservation Management in Cotton Production: Long-Term Soil Biological, Chemical, and Physical Changes. <i>Soil Science Society of America Journal</i> , <b>2013</b> , 77, 974-984	2.5	14
139	Weed Control and Yield Comparisons of Glyphosate- and Glufosinate-Resistant Corn Grown in Rotation. <i>Journal of Crop Improvement</i> , <b>2012</b> , 26, 364-374	1.4	1
138	Multiple Resistance to Glyphosate and Pyriithiobac in Palmer Amaranth ( <i>Amaranthus palmeri</i> ) from Mississippi and Response to Flumiclorac. <i>Weed Science</i> , <b>2012</b> , 60, 179-188	2	63
137	Selection Pressure, Cropping System, and Rhizosphere Proximity Affect Atrazine Degradation Populations and Activity in s-Triazine-Adapted Soil. <i>Weed Science</i> , <b>2012</b> , 60, 516-524	2	7
136	Using vegetation index and modified derivative for early detection of soybean plant injury from glyphosate. <i>Computers and Electronics in Agriculture</i> , <b>2012</b> , 89, 145-157	6.5	20
135	Effects of glyphosate on the mineral content of glyphosate-resistant soybeans ( <i>Glycine max</i> ). <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6764-71	5.7	21

134	Growth, Development, and Morphological Differences among Native and Nonnative Prickly Nightshades ( <i>Solanum</i> spp.) of the Southeastern United States. <i>Invasive Plant Science and Management</i> , <b>2012</b> , 5, 341-352	1	5
133	Early Detection of Soybean Plant Injury from Glyphosate by Measuring Chlorophyll Reflectance and Fluorescence. <i>Journal of Agricultural Science</i> , <b>2012</b> , 4,	1	7
132	Determination of differences in crop injury from aerial application of glyphosate using vegetation indices. <i>Computers and Electronics in Agriculture</i> , <b>2011</b> , 77, 204-213	6.5	19
131	Physiological responses of glyphosate-resistant and glyphosate-sensitive soybean to aminomethylphosphonic acid, a metabolite of glyphosate. <i>Chemosphere</i> , <b>2011</b> , 83, 593-8	8.4	34
130	Glufosinate Effects on Nitrogen Nutrition, Growth, Yield, and Seed Composition in Glufosinate-Resistant and Glufosinate-Sensitive Soybean. <i>International Journal of Agronomy</i> , <b>2011</b> , 2011, 1-9	1.9	11
129	Can Leguminous Cover Crops Partially Replace Nitrogen Fertilization in Mississippi Delta Cotton Production?. <i>International Journal of Agronomy</i> , <b>2011</b> , 2011, 1-9	1.9	7
128	Biological Response of Soybean and Cotton to Aerial Glyphosate Drift. <i>Journal of Crop Improvement</i> , <b>2011</b> , 25, 291-302	1.4	13
127	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> , <b>2011</b> , 02, 702-715	0.5	13
126	Weed Control and Yield Comparisons of Twin- and Single-Row Glyphosate-Resistant Cotton Production Systems. <i>Weed Technology</i> , <b>2010</b> , 24, 95-101	1.4	23
125	Ecotype Variability and Edaphic Characteristics for Cogongrass ( <i>Imperata cylindrica</i> ) Populations in Mississippi. <i>Invasive Plant Science and Management</i> , <b>2010</b> , 3, 199-207	1	16
124	Glyphosate effect on shikimate, nitrate reductase activity, yield, and seed composition in corn. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 3646-50	5.7	29
123	Nitrogen metabolism and seed composition as influenced by foliar boron application in soybean. <i>Plant and Soil</i> , <b>2010</b> , 336, 143-155	4.2	35
122	Agronomic and environmental implications of enhanced s-triazine degradation. <i>Pest Management Science</i> , <b>2010</b> , 66, 461-81	4.6	80
121	Biological responses to glyphosate drift from aerial application in non-glyphosate-resistant corn. <i>Pest Management Science</i> , <b>2010</b> , 66, 1148-54	4.6	29
120	Bromoxynil degradation in a Mississippi silt loam soil. <i>Pest Management Science</i> , <b>2009</b> , 65, 658-64	4.6	5
119	Effects of glyphosate application on seed iron and root ferric (III) reductase in soybean cultivars. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 9569-74	5.7	38
118	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> , <b>2009</b> , 23, 384-390	1.4	9
117	Pitted and Hybrid Morningglory Accessions Have Variable Tolerance to Glyphosate. <i>Weed Technology</i> , <b>2009</b> , 23, 592-598	1.4	11

116	Enhanced Atrazine Degradation: Evidence for Reduced Residual Weed Control and a Method for Identifying Adapted Soils and Predicting Herbicide Persistence. <i>Weed Science</i> , <b>2009</b> , 57, 427-434	2	25
115	Soil depth and tillage effects on glyphosate degradation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 4867-71	5.7	25
114	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> , <b>2009</b> , 10, 28	1.2	19
113	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> , <b>2008</b> , 8, 39-45	1.4	17
112	Effects of surfactants on primisulfuron activity in barnyardgrass ( <i>Echinochloa crus-galli</i> [L.] Beauv.) and green foxtail ( <i>Setaria viridis</i> [L.] Beauv.). <i>Weed Biology and Management</i> , <b>2008</b> , 8, 46-53	1.4	4
111	Aminomethylphosphonic acid accumulation in plant species treated with glyphosate. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 2125-30	5.7	83
110	Morphological Comparison of Morningglory ( <i>Ipomoea</i> and <i>Jacquemontia</i> spp.) Populations from the Southeastern United States. <i>Weed Science</i> , <b>2008</b> , 56, 692-698	2	5
109	Glyphosate Tolerance Mechanism in Italian Ryegrass ( <i>Lolium multiflorum</i> ) from Mississippi. <i>Weed Science</i> , <b>2008</b> , 56, 344-349	2	64
108	Tillage management to mitigate herbicide loss in runoff under simulated rainfall conditions. <i>Chemosphere</i> , <b>2008</b> , 70, 1422-8	8.4	17
107	Nitrogen metabolism and seed composition as influenced by glyphosate application in glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 2765-72	5.7	40
106	Glufosinate and ammonium sulfate inhibit atrazine degradation in adapted soils. <i>Biology and Fertility of Soils</i> , <b>2008</b> , 45, 19-26	6.1	12
105	Integrating soil conservation practices and glyphosate-resistant crops: impacts on soil. <i>Pest Management Science</i> , <b>2008</b> , 64, 457-69	4.6	37
104	Evidence for cross-adaptation between s-triazine herbicides resulting in reduced efficacy under field conditions. <i>Pest Management Science</i> , <b>2008</b> , 64, 1024-30	4.6	12
103	Ragweed <i>Parthenium</i> ( <i>Parthenium hysterophorus</i> ) Control with Preemergence and Postemergence Herbicides. <i>Weed Technology</i> , <b>2007</b> , 21, 982-986	1.4	23
102	Differential Response to Glyphosate in Italian Ryegrass ( <i>Lolium Multiflorum</i> ) Populations from Mississippi. <i>Weed Technology</i> , <b>2007</b> , 21, 477-482	1.4	24
101	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> , <b>2007</b> , 55, 852-9	5.7	39
100	Isolates of <i>Diaporthe-Phomopsis</i> from weeds and their effect on soybean. <i>Canadian Journal of Plant Pathology</i> , <b>2007</b> , 29, 283-289	1.6	22
99	Glyphosate-resistant and -susceptible soybean ( <i>Glycine max</i> ) and canola ( <i>Brassica napus</i> ) dose response and metabolism relationships with glyphosate. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 3540-5	5.7	67

98	Enhanced degradation of atrazine under field conditions correlates with a loss of weed control in the glasshouse. <i>Pest Management Science</i> , <b>2007</b> , 63, 23-31	4.6	38
97	Effects of glyphosate on soil microbial communities and its mineralization in a Mississippi soil. <i>Pest Management Science</i> , <b>2007</b> , 63, 388-93	4.6	96
96	Formulation and adjuvant effects on the absorption and translocation of <sup>14</sup> C-clethodim in wheat ( <i>Triticum aestivum</i> L.). <i>Weed Biology and Management</i> , <b>2007</b> , 7, 226-231	1.4	2
95	Nitrogenase activity, nitrogen content, and yield responses to glyphosate in glyphosate-resistant soybean. <i>Crop Protection</i> , <b>2007</b> , 26, 370-376	2.7	89
94	Mycotoxin occurrence and <i>Aspergillus flavus</i> soil propagules in a corn and cotton glyphosate-resistant cropping systems. <i>Food Additives and Contaminants</i> , <b>2007</b> , 24, 1367-73		16
93	Reduced Translocation Is the Cause of Antagonism of Glyphosate by MSMA in Browntop Millet ( <i>Brachiaria ramosa</i> ) and Palmer Amaranth ( <i>Amaranthus palmerii</i> ). <i>Weed Technology</i> , <b>2007</b> , 21, 166-170	1.4	7
92	MSMA Antagonizes Glyphosate and Glufosinate Efficacy on Broadleaf and Grass Weeds. <i>Weed Technology</i> , <b>2007</b> , 21, 159-165	1.4	20
91	Formulation and Adjuvant Effects on Uptake and Translocation of Clethodim in Bermudagrass ( <i>Cynodon dactylon</i> ). <i>Weed Science</i> , <b>2007</b> , 55, 6-11	2	12
90	Glyphosate and bioherbicide interaction for controlling kudzu ( <i>Pueraria lobata</i> ), redvine ( <i>Brunnichia ovata</i> ), and trumpetcreeper ( <i>Campsis radicans</i> ). <i>Biocontrol Science and Technology</i> , <b>2006</b> , 16, 1067-1077	1.7	30
89	Factors affecting germination of horseweed ( <i>Conyza canadensis</i> ). <i>Weed Science</i> , <b>2006</b> , 54, 898-902	2	123
88	Simulated glyphosate drift influences nitrate assimilation and nitrogen fixation in non-glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 3357-64	5.7	45
87	Spray carrier pH effect on absorption and translocation of trifloxysulfuron in Palmer amaranth ( <i>Amaranthus palmeri</i> ) and Texasweed ( <i>Caperonia palustris</i> ). <i>Weed Science</i> , <b>2006</b> , 54, 969-973	2	6
86	Leaf characteristics and surfactants affect primisulfuron droplet spread in three broadleaf weeds. <i>Weed Science</i> , <b>2006</b> , 54, 16-22	2	19
85	Cotton and corn rotation under reduced tillage management: impacts on soil properties, weed control, yield, and net return. <i>Weed Science</i> , <b>2006</b> , 54, 768-774	2	29
84	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> , <b>2006</b> , 54, 627-633	2	33
83	ALLELOPATHY FOR WEED CONTROL IN AQUATIC AND WETLAND SYSTEMS <b>2006</b> , 103-122		
82	Foliar washoff potential and simulated surface runoff losses of trifloxysulfuron in cotton. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 5498-502	5.7	9
81	Role of absorption and translocation in the mechanism of glyphosate resistance in horseweed ( <i>Conyza canadensis</i> ). <i>Weed Science</i> , <b>2005</b> , 53, 84-89	2	118

80	Glyphosate efficacy, absorption, and translocation in pitted morningglory ( <i>Ipomoea lacunosa</i> ). <i>Weed Science</i> , <b>2005</b> , 53, 277-283	2	16
79	Weed Control and Cotton Response to Combinations of Glyphosate and Trifloxysulfuron <sup>1</sup> . <i>Weed Technology</i> , <b>2005</b> , 19, 113-121	1.4	14
78	Factors Affecting Sprouting and Glyphosate Translocation in Rootstocks of Redvine ( <i>Brunnichia ovata</i> ) and Trumpetcreeper ( <i>Campsis radicans</i> ) <sup>1</sup> . <i>Weed Technology</i> , <b>2005</b> , 19, 141-147	1.4	4
77	Deep Tillage and Glyphosate-Reduced Redvine ( <i>Brunnichia ovata</i> ) and Trumpetcreeper ( <i>Campsis radicans</i> ) Populations in Glyphosate-Resistant Soybean. <i>Weed Technology</i> , <b>2005</b> , 19, 713-718	1.4	5
76	Weed Management in Glyphosate-Resistant and Non-Glyphosate-Resistant Soybean Grown Continuously and in Rotation. <i>Agronomy Journal</i> , <b>2005</b> , 97, 568-577	2.2	7
75	Glyphosate-Resistant Weeds: Current Status and Future Outlook. <i>Outlooks on Pest Management</i> , <b>2005</b> , 16, 183-187	1.7	69
74	Effects of Hairy Vetch ( <i>Vicia villosa</i> ) Cover Crop and Banded Herbicides on Weeds, Grain Yield, and Economic Returns in Corn ( <i>Zea mays</i> ). <i>Agroecology and Sustainable Food Systems</i> , <b>2005</b> , 26, 107-124		6
73	Weed Management in Nonirrigated Glyphosate-Resistant and Non-Resistant Soybean following Deep and Shallow Fall Tillage. <i>Agronomy Journal</i> , <b>2004</b> , 96, 1	2.2	2
72	Detection of pitted morningglory ( <i>Ipomoea lacunosa</i> ) by hyperspectral remote sensing. I. Effects of tillage and cover crop residue. <i>Weed Science</i> , <b>2004</b> , 52, 222-229	2	6
71	Factors affecting seed germination, seedling emergence, and survival of texasweed ( <i>Caperonia palustris</i> ). <i>Weed Science</i> , <b>2004</b> , 52, 989-995	2	96
70	Weed Control and Species Shift in Bromoxynil- and Glyphosate-Resistant Cotton ( <i>Gossypium hirsutum</i> ) Rotation Systems <sup>1</sup> . <i>Weed Technology</i> , <b>2004</b> , 18, 131-139	1.4	23
69	Redvine ( <i>Brunnichia ovata</i> ) and Trumpetcreeper ( <i>Campsis radicans</i> ) Management in Glufosinate- and Glyphosate-Resistant Soybean. <i>Weed Technology</i> , <b>2004</b> , 18, 1058-1064	1.4	8
68	Live and Killed Hairy Vetch Cover Crop Effects on Weeds and Yield in Glyphosate-Resistant Corn. <i>Weed Technology</i> , <b>2004</b> , 18, 835-840	1.4	19
67	Effect of Glyphosate Spray Coverage on Control of Pitted Morningglory ( <i>Ipomoea lacunosa</i> ) <sup>1</sup> . <i>Weed Technology</i> , <b>2004</b> , 18, 124-130	1.4	16
66	Pelargonic Acid and Rainfall Effects on Glyphosate Activity in Trumpetcreeper ( <i>Campsis radicans</i> ) <sup>1</sup> . <i>Weed Technology</i> , <b>2004</b> , 18, 66-72	1.4	9
65	Aminomethylphosphonic acid, a metabolite of glyphosate, causes injury in glyphosate-treated, glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 5139-43	5-7	157
64	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> , <b>2004</b> , 52, 230-235	2	19
63	Impact of glyphosate on the <i>Bradyrhizobium japonicum</i> symbiosis with glyphosate-resistant transgenic soybean: a minireview. <i>Journal of Environmental Quality</i> , <b>2004</b> , 33, 825-31	3-4	109



62	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> , <b>2003</b> , 17, 28-35	1.4	62
61	Glyphosate-resistant soybean response to various salts of glyphosate and glyphosate accumulation in soybean nodules. <i>Weed Science</i> , <b>2003</b> , 51, 496-502	2	90
60	Influence of Early-Season Nitrogen and Weed Management on Irrigated and Nonirrigated Glyphosate-Resistant and Susceptible Soybean. <i>Agronomy Journal</i> , <b>2003</b> , 95, 446-453	2.2	8
59	Wavelet analysis of hyperspectral reflectance data for detecting pitted morningglory ( <i>Ipomoea lacunosa</i> ) in soybean ( <i>Glycine max</i> ). <i>Remote Sensing of Environment</i> , <b>2003</b> , 86, 108-119	13.2	66
58	Cover crop, tillage, and herbicide effects on weeds, soil properties, microbial populations, and soybean yield. <i>Weed Science</i> , <b>2003</b> , 51, 987-994	2	77
57	Isoflavone, glyphosate, and aminomethylphosphonic acid levels in seeds of glyphosate-treated, glyphosate-resistant soybean. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 340-4	5.7	133
56	Detecting Late-Season Weed Infestations in Soybean ( <i>Glycine max</i> )1. <i>Weed Technology</i> , <b>2003</b> , 17, 696-704	4.4	28
55	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> , <b>2003</b> , 17, 805-810	1.4	22
54	Weed management in conservation crop production systems. <i>Weed Biology and Management</i> , <b>2002</b> , 2, 123-132	1.4	68
53	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> , <b>2002</b> , 2, 216-224	1.4	14
52	ADJUVANT MODIFICATION OF HERBICIDE INTERACTIONS IN AQUEOUS SOIL SUSPENSIONS. <i>Soil Science</i> , <b>2002</b> , 167, 444-452	0.9	11
51	Weed Control and Economic Comparisons in Soybean Planting Systems. <i>Agroecology and Sustainable Food Systems</i> , <b>2002</b> , 21, 21-35		13
50	Dissipation of the defoliant tribufos in cotton-producing soils. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 3795-802	5.7	8
49	Glyphosate-resistant soybean as a weed management tool: Opportunities and challenges. <i>Weed Biology and Management</i> , <b>2001</b> , 1, 193-202	1.4	43
48	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> , <b>2001</b> , 149, 237-244	1.8	25
47	Broadleaf Weed Control in Ultra Narrow Row Bromoxynil-Resistant Cotton ( <i>Gossypium hirsutum</i> )1. <i>Weed Technology</i> , <b>2001</b> , 15, 497-504	1.4	17
46	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> , <b>2001</b> , 2, 37-52		78
45	Herbicide efficacy, leaf structure, and spray droplet contact angle among <i>Ipomoea</i> species and smallflower morningglory. <i>Weed Science</i> , <b>2001</b> , 49, 628-634	2	62

44	Characterization of leaf surface, wax composition, and control of redvine and trumpetcreeper with glyphosate. <i>Weed Science</i> , <b>2001</b> , 49, 156-163	2	44
43	Effects of Cereal and Legume Cover Crop Residues on Weeds, Yield, and Net Return in Soybean ( <i>Glycine max</i> ) <sup>1</sup> . <i>Weed Technology</i> , <b>2001</b> , 15, 660-668	1.4	95
42	Weed Management in Transgenic Soybean Resistant to Glyphosate Under Conventional Tillage and No-Tillage Systems. <i>Journal of New Seeds</i> , <b>2001</b> , 3, 27-41		12
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40	Weed Control in Soybean ( <i>Glycine max</i> ) with Cloransulam and Diclosulam <sup>1</sup> . <i>Weed Technology</i> , <b>2000</b> , 14, 293-297	1.4	11
39	Absorption and translocation of glyphosate in <i>Erythroxylum coca</i> and <i>E. novogranatense</i> . <i>Weed Science</i> , <b>2000</b> , 48, 193-199	2	14
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36	Factors affecting <i>Campsis radicans</i> seed germination and seedling emergence. <i>Weed Science</i> , <b>2000</b> , 48, 212-216	2	159
35	Purple Nutsedge ( <i>Cyperus rotundus</i> ) and Sicklepod ( <i>Senna obtusifolia</i> ) Response to Glyphosate Mixtures with ALS-Inhibiting Herbicides. <i>Weed Technology</i> , <b>1999</b> , 13, 361-366	1.4	11
34	Glyphosate Injury, Rainfastness, Absorption, and Translocation in Purple Nutsedge ( <i>Cyperus rotundus</i> ). <i>Weed Technology</i> , <b>1999</b> , 13, 112-119	1.4	32
33	Structure-Activity Relationships of Diphenyl Ethers and Other Oxygen-Bridged Protoporphyrinogen Oxidase Inhibitors <b>1999</b> , 141-161		5
32	Sulfentrazone sorption, desorption, and mineralization in soils from two tillage systems. <i>Weed Science</i> , <b>1998</b> , 46, 494-500	2	52
31	Effects of Isoxazole Herbicides on Protoporphyrinogen Oxidase and Porphyrin Physiology. <i>Journal of Agricultural and Food Chemistry</i> , <b>1997</b> , 45, 967-975	5.7	42
30	TILLAGE AND COVER CROP EFFECTS ON CYANAZINE ADSORPTION AND DESORPTION KINETICS. <i>Soil Science</i> , <b>1997</b> , 162, 501-509	0.9	20
29	Clomazone volatilization under varying environmental conditions. <i>Chemosphere</i> , <b>1996</b> , 33, 1213-1225	8.4	9
28	Sorption of Bentazon and Degradation Products in Two Mississippi Soils. <i>Weed Science</i> , <b>1996</b> , 44, 678-682		11
27	Imazaquin Spray Retention, Foliar Washoff and Runoff Losses under Simulated Rainfall. <i>Pest Management Science</i> , <b>1996</b> , 48, 179-187		28

26	Molecular properties as descriptors of octanol-water partition coefficients of herbicides. <i>Water, Air, and Soil Pollution</i> , <b>1996</b> , 86, 389-405	2.6	16
25	Chlorimuron Adsorption, Desorption, and Degradation in Soils from Conventional Tillage and No-Tillage Systems. <i>Journal of Environmental Quality</i> , <b>1995</b> , 24, 760-767	3.4	42
24	Bentazon Spray Retention, Activity, and Foliar Washoff in Weed Species. <i>Weed Technology</i> , <b>1995</b> , 9, 773-778	11	
23	Chlorimuron ethyl sorption and desorption kinetics in soils and herbicide-desiccated cover crop residues. <i>Journal of Agricultural and Food Chemistry</i> , <b>1995</b> , 43, 2752-2757	5.7	58
22	Predicting Activity of Protoporphyrinogen Oxidase Inhibitors by Computer-Aided Molecular Modeling. <i>ACS Symposium Series</i> , <b>1995</b> , 211-224	0.4	1
21	Prediction of Soil Sorption (Koc) of Herbicides Using Semiempirical Molecular Properties. <i>Weed Science</i> , <b>1994</b> , 42, 453-461	2	22
20	Supercritical CO <sub>2</sub> Fluid Extraction of Imazaquin From Soil. <i>Weed Science</i> , <b>1994</b> , 42, 249-253	2	19
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13	Organosilicone Adjuvant Effects on Glyphosate Efficacy and Rainfastness. <i>Weed Technology</i> , <b>1992</b> , 6, 361-365	1.4	35
12	Sorption and desorption of diuron and norflurazon in Florida citrus soils. <i>Water, Air, and Soil Pollution</i> , <b>1992</b> , 64, 487-494	2.6	24
11	Sorption and leaching of bromacil and simazine in Florida flatwoods soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>1992</b> , 48, 662-70	2.7	16
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