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List of PR Articles by Year
in descending order

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135 PR articles	1,364 PR citations	348982 19 PR h-index	314765 35 g-index
139 documents	1561 doc citations	358512 20 h-index	1370 citing authors

#	Article	IF	PR Citations
1	Molecular analysis of St. Augustinegrass cultivar mixtures composition over time and latitude. Crop Science, 2025, 65, .	1.8	0
2	The impact of burial depth on Centaurea diluta emergence and modelling of its growth using a nonlinear regression and artificial neural network. Pest Management Science, 2024, 80, 1182-1192.	3.6	0
3	Breeding allelopathy in cereal rye for weed suppression. Weed Science, 2024, 72, 30-40.	1.9	3
4	Demographics of Palmer amaranth (Amaranthus palmeri) in annual and perennial cover crops. Weed Science, 2024, 72, 96-107.	1.9	3
5	Resistance or tolerance: distinction without a difference. Weed Science, 2024, 72, 113-116.	1.9	7
6	Earlyâ€season biomass and weather enable robust cereal rye cover crop biomass predictions. Agricultural and Environmental Letters, 2024, 9, .	2.5	4
7	Risk of weed seed and seedling emergence from poultry litter. , 2024, 7, .		0
8	Influence of gender and glyphosate resistance on Palmer amaranth growth and interference with cotton. Crop, Forage and Turfgrass Management, 2024, 10, .	1.1	0
9	Confirmation and inheritance of glufosinate resistance in an Amaranthus palmeri population from North Carolina. Plant-Environment Interactions, 2024, 5, .	2.2	2
10	Weed community differences in row crops with varying input levels in Ghana. Weed Science, 2024, 72, 578-590.	1.9	0
11	Development of Brassica carinata A. Braun resistant to acetolactate synthaseâ€“inhibiting herbicides. Crop Science, 2024, 64, 3339-3351.	1.8	0
12	Mapping predicted biomass in cereal rye using 3D imaging and geostatistics. Weed Science, 2024, 72, 553-561.	1.9	0
13	Brassica carinata nutrient accumulation and partitioning across maturity types and latitude. Crop Science, 2023, 63, 833-851.	1.8	0
14	Utilization of image-based spectral reflectance to detect herbicide resistance in glufosinate-resistant and glufosinate-susceptible plants: a proof of concept. Weed Science, 2023, 71, 11-21.	1.9	6
15	Rapid evolution of competitive ability in giant foxtail (Setaria faberi) over 34 years. Weed Science, 2023, 71, 59-68.	1.9	5
16	Evaluation of electrical and mechanical Palmer amaranth (Amaranthus palmeri) management in cucumber, peanut, and sweetpotato. Weed Technology, 2023, 37, 53-59.	1.5	9
17	Confirmation and detection of novel acetolactate synthase- and protoporphyrinogen oxidaseâ€“inhibiting herbicide-resistant redroot pigweed (Amaranthus retroflexus) populations in North Carolina. Weed Science, 2023, 71, 84-94.	1.9	8
18	Subsurface Lateral Solute Transport in Turfgrass. Agronomy, 2023, 13, 903.	3.1	0

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19	Influence of burial depth and soil disturbance on the emergence of common weed species in the Iberian Peninsula. Weed Science, 2023, 71, 369-377.	1.9	8
20	A survey of weed research priorities: key findings and future directions. Weed Science, 2023, 71, 330-343.	1.9	9
21	Changes in the herbicide sensitivity and competitive ability of Abutilon theophrasti over 28â€‰years: Implications for hormesis and weed evolution. Pest Management Science, 2023, 79, 4048-4056.	3.6	5
22	Discrimination between protoporphyrinogen oxidaseâ€“inhibiting herbicide-resistant and herbicide-susceptible redroot pigweed (Amaranthus retroflexus) with spectral reflectance. Weed Science, 2023, 71, 198-205.	1.9	5
23	Summer crop rotational effects on carinata nitrogen management in the southeastern USA. Agronomy Journal, 2023, 115, 2030-2043.	1.9	2
24	Confusion and ambiguity concerning the terms â€œresistanceâ€•and â€œtoleranceâ€•in aquatic plant management. Weed Science, 2023, 71, 279-283.	1.9	1
25	Low carrier volume herbicide trials and UAAS support management efforts of giant salvinia (Salvinia molesta): a case study. Invasive Plant Science and Management, 2023, 16, 130-138.	0.9	0
26	Previous crop and herbicide timing application effects on weed population growth rate. Crop, Forage and Turfgrass Management, 2023, 9, .	1.1	2
27	Performance of unoccupied aerial application systems for aquatic weed management: Two novel case studies. Weed Technology, 2023, 37, 277-286.	1.5	3
28	Fecundity and maternal effects on Palmer amaranth height following seasonâ€‘long interference in corn, cotton, and peanut. Crop, Forage and Turfgrass Management, 2023, 9, .	1.1	1
29	Views of RNAi approaches for weed management in turfgrass systems. Weed Science, 2023, , 1-33.	1.9	2
30	Confirmation of a fiveâ€‘way herbicideâ€‘resistant Amaranthus tuberculatus population in North Carolina. Weed Research, 2023, 63, 297-304.	2.4	1
31	Addressing biases in replacement series: the importance of reference density selection for interpretation of competition outcomes. Weed Science, 2023, , 1-9.	1.9	4
32	Evaluation of imazapic and flumioxazin carryover risk for Carinata (Brassica carinata) establishment. Weed Science, 2022, 70, 503-513.	1.9	5
33	Surveying stakeholderâ€™s perception of glufosinate and use in North Carolina. Weed Technology, 2022, 36, 443-450.	1.5	5
34	Response of Maize, Cotton, and Soybean to Increased Crop Density in Heterogeneous Planting Arrangements. Agronomy, 2022, 12, 1238.	3.1	3
35	Modeling weed community diversity based on species population density dynamics and herbicide use intensity. European Journal of Agronomy, 2022, 138, 126533.	5.4	10
36	Using weed emergence and phenology models to determine critical control windows for winter-grown carinata (Brassica carinata). Weed Science, 2022, 70, 495-502.	1.9	4

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37	Genome-Wide Evolutionary Analysis of Putative Non-Specific Herbicide Resistance Genes and Compilation of Core Promoters between Monocots and Dicots. Genes, 2022, 13, 1171.	2.6	10
38	Effect of cotton herbicide programs on weed population trajectories and frequency of glyphosate-resistant Palmer amaranth (Amaranthus palmeri). Weed Science, 2022, 70, 587-594.	1.9	7
39	Poultry litter and nitrogen fertilizer effects on productivity and nutritive value of crabgrass. Crop Science, 2022, 62, 2537-2547.	1.8	12
40	Eradication of Commelina benghalensis in a long-term experiment using a multistakeholder governance model: A case of regulatory concerns defeating ecological management success. Invasive Plant Science and Management, 2022, , 1-26.	0.9	0
41	Biological effects on Palmer amaranth surviving glufosinate. , 2022, 5, .		4
42	In-field assessment of EPSPS amplification on fitness cost in mixed glyphosate-resistant and glyphosate-sensitive populations of Palmer amaranth (Amaranthus palmeri). Weed Science, 2022, 70, 663-668.	1.9	6
43	Control of pervasive row crop weeds with dicamba and glufosinate applied alone, mixed, or sequentially. Weed Technology, 2022, , 1-26.	1.5	1
44	New directions in weed management and research using 3D imaging. Weed Science, 2022, 70, 641-647.	1.9	13
45	Crop physiological considerations for combining variable-density planting to optimize seed costs and weed suppression. Weed Science, 2022, 70, 687-697.	1.9	6
46	Herbicide systems including linuron for Palmer amaranth (Amaranthus palmeri) control in sweetpotato. Weed Technology, 2021, 35, 49-56.	1.5	2
47	The influence of soybean population and POST herbicide application timing on in-season and subsequent-season Palmer amaranth (Amaranthus palmeri) control and economic returns. Weed Technology, 2021, 35, 106-112.	1.5	3
48	Biochar affects soil water content but not soybean yield in a sandy southeastern U.S. soil. , 2021, 4, .		5
49	Seed germination responses to soil hydraulic conductivity and polyethylene glycol (PEG) osmotic solutions. Plant and Soil, 2021, 462, 175-188.	3.4	12
50	Tillage system and seeding rate effects on the performance of Brassica carinata. GCB Bioenergy, 2021, 13, 600-617.	4.2	23
51	Windows of action for controlling palmer amaranth (Amaranthus palmeri) using emergence and phenology models. Weed Research, 2021, 61, 188-198.	2.4	17
52	Emergence patterns of winter and summer annual weeds in Ethiopian mustard (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	1.9	7
53	The Impacts of Micronutrient Fertility on the Mineral Uptake and Growth of Brassica carinata. Agriculture (Switzerland), 2021, 11, 221.	3.3	4
54	Evaluating shade cloth to simulate Palmer amaranth (Amaranthus palmeri) competition in sweetpotato. Weed Science, 2021, 69, 478-484.	1.9	3

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55	Safety and efficacy of linuron with or without an adjuvant or S-metolachlor for POST control of Palmer amaranth (Amaranthus palmeri) in sweetpotato. Weed Technology, 2021, 35, 471-475.	1.5	1
56	Brassica carinata biomass, yield, and seed chemical composition response to nitrogen rates and timing on southern Coastal Plain soils in the United States. GCB Bioenergy, 2021, 13, 1275-1289.	4.2	19
57	Population and quantitative genetic analyses of lifeâ€history trait adaptations in Amaranthus palmeri S. Watson. Weed Research, 2021, 61, 342-349.	2.4	8
58	Characterization of carinata tolerance to select herbicides using field dose-response studies. Weed Technology, 2021, 35, 957-966.	1.5	7
59	Palmer Amaranth (Amaranthus palmeri) Growth and Seed Production When in Competition with Peanut and Other Crops in North Carolina. Agronomy, 2021, 11, 1734.	3.1	20
60	Influence of herbicides on germination and quality of Palmer amaranth (Amaranthus palmeri) seed. Weed Technology, 2021, 35, 786-789.	1.5	2
61	Population growth rates of weed species in response to herbicide programme intensity and their impact on weed community. Weed Research, 2021, 61, 509-518.	2.4	13
62	Growing winter Brassica carinata as part of a diversified crop rotation for integrated weed management. GCB Bioenergy, 2021, 13, 425-435.	4.2	23
63	Tolerance of rhizoma perennial peanut to glyphosate and triclopyr. Weed Technology, 2021, 35, 525-531.	1.5	1
64	Integration of remoteâ€weed mapping and an autonomous spraying unmanned aerial vehicle for siteâ€specific weed management. Pest Management Science, 2020, 76, 1386-1392.	3.6	103
65	Coverage and drift potential associated with nozzle and speed selection for herbicide applications using an unmanned aerial sprayer. Weed Technology, 2020, 34, 235-240.	1.5	49
66	Cotton response to preplant applications of 2,4-D or dicamba. Weed Technology, 2020, 34, 96-100.	1.5	1
67	Amaranthus palmeri a New Invasive Weed in Spain with Herbicide Resistant Biotypes. Agronomy, 2020, 10, 993.	3.1	31
68	Incorporating environmental factors to describe wild radish (Raphanus raphanistrum) seedling emergence and plant phenology. Weed Science, 2020, 68, 627-638.	1.9	6
69	Bahiagrass pasture and elephantgrass bioenergy cropping systems differ in root traits. Agronomy Journal, 2020, 112, 4810-4821.	1.9	3
70	Susceptibility of Palmer amaranth (Amaranthus palmeri) to herbicides in accessions collected from the North Carolina Coastal Plain. Weed Science, 2020, 68, 582-593.	1.9	13
71	Tolerance of pintoi peanut to PRE and POST herbicides. Weed Technology, 2020, 34, 870-875.	1.5	0
72	Simulation Models on the Ecology and Management of Arable Weeds: Structure, Quantitative Insights, and Applications. Agronomy, 2020, 10, 1611.	3.1	24

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73	Influence of timing and intensity of weed management on crop yield and contribution to weed emergence in cotton the following year. Crop, Forage and Turfgrass Management, 2020, 6, .	1.1	1
74	Creating Predictive Weed Emergence Models Using Repeat Photography and Image Analysis. Plants, 2020, 9, 635.	3.8	2
75	Response of agronomic crops to planting date and doubleâ€cropping with wheat. Agronomy Journal, 2020, 112, 1972-1980.	1.9	11
76	Peanut nitrogen credits to winter wheat are negligible under conservation tillage management in the southeastern USA. Field Crops Research, 2020, 249, 107739.	6.2	8
77	Brassica carinata genotypes demonstrate potential as a winter biofuel crop in South East United States. Industrial Crops and Products, 2020, 150, 112353.	5.9	54
78	Integrating emergence and phenology models to determine windows of action for weed control: A case study using Senna obtusifolia. Field Crops Research, 2020, 258, 107959.	6.2	16
79	Weed Management Guide for Florida Lawns. Edis, 2020, 2020, .	0.2	2
80	Amending marginal sandy soils with biochar and lignocellulosic fermentation residual sustains fertility in elephantgrass bioenergy cropping systems. Nutrient Cycling in Agroecosystems, 2019, 115, 69-83.	2.0	6
81	Transgressive segregation and maternal genetic effects of nonâ€“target site fluazifop-P-butyl tolerance in Zoysia spp.. Weed Science, 2019, 67, 504-509.	1.9	3
82	Influence of multiple herbicide resistance on growth in Amaranthus tuberculatus. Weed Research, 2019, 59, 235-244.	2.4	9
83	Brassica carinata Seeding Rate and Row Spacing Effects on Morphology, Yield, and Oil. Agronomy Journal, 2019, 111, 528-535.	1.9	38
84	Variation in tolerance mechanisms to fluazifop-P-butyl among selected zoysiagrass lines. Weed Science, 2019, 67, 288-295.	1.9	1
85	Application Timing Affects Tolerance of Zoysiagrass to Fluazifopâ€Pâ€butyl and Safening Effect of Triclopyr. Crop Science, 2019, 59, 1789-1798.	1.8	0
86	The Influence of Postemergence Herbicide Timing and Frequency on Weed Control and Soybean Yield. Crop, Forage and Turfgrass Management, 2019, 5, 190036.	1.1	3
87	Evolutionary Adaptations of Palmer Amaranth (Amaranthus palmeri) to Nitrogen Fertilization and Crop Rotation History Affect Morphology and Nutrient-Use Efficiency. Weed Science, 2018, 66, 180-189.	1.9	22
88	Herbicidal and Seed Dormancy Induction Activity of Fermentation Residual Vinasse. Weed Science, 2018, 66, 317-323.	1.9	2
89	Conventional Harvest Index Methods may Overestimate Biomass and Nutrient Removal from Abscising Crop Species. Communications in Soil Science and Plant Analysis, 2018, 49, 2883-2893.	1.8	2
90	Recurrent Changes of Weed Seed Bank Density and Diversity in Cropâ€"Livestock Systems. Agronomy Journal, 2018, 110, 1068-1078.	1.9	16

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91	Managing Herbicide Resistance: Listening to the Perspectives of Practitioners. Procedures for Conducting Listening Sessions and an Evaluation of the Process. Weed Technology, 2018, 32, 489-497.	1.5	11
92	Managing Wicked Herbicide-Resistance: Lessons from the Field. Weed Technology, 2018, 32, 475-488.	1.5	31
93	Extractable and Germinable Seedbank Methods Provide Different Quantifications of Weed Communities. Weed Science, 2018, 66, 715-720.	1.9	18
94	Evaluation of Verticutting and Herbicides for Tropical Signalgrass (Urochloa subquadripara) Control in Turf. Weed Technology, 2018, 32, 392-397.	1.5	6
95	Peanut residue distribution gradients and tillage practices determine patterns of nitrogen mineralization. Nutrient Cycling in Agroecosystems, 2018, 113, 63-76.	2.0	8
96	Frost Damage of Carinata Grown in the Southeastern US. Edis, 2018, 2018, .	0.2	9
97	Differentiation of Life-History Traits among Palmer Amaranth Populations (Amaranthus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 339-349.	1.9	49
98	Effect of Sequential Applications of Protoporphyrinogen Oxidase-Inhibiting Herbicides on Palmer Amaranth (Amaranthus palmeri) Control and Peanut Response. Weed Technology, 2017, 31, 46-52.	1.5	13
99	Differences in biomass and water dynamics between a cotton-peanut rotation and a sweet sorghum bioenergy crop with and without biochar and vinasse as soil amendments. Field Crops Research, 2017, 214, 123-130.	6.2	22
100	Sesame Tolerance to Preplant Applications of 2,4-D and Dicamba. Weed Technology, 2017, 31, 590-598.	1.5	2
101	Converting bahiagrass pasture land to elephantgrass bioenergy production enhances biomass yield and water quality. Agriculture, Ecosystems and Environment, 2017, 248, 20-28.	6.4	12
102	Biochar Changes Shoot Growth and Root Distribution of Soybean during Early Vegetative Stages. Crop Science, 2017, 57, 454-461.	1.8	22
103	Diversity and Spatial Heterogeneity of Weed Communities in a Sugarcane Cropping System in the Dry Tropics of Costa Rica. Weed Science, 2017, 65, 128-140.	1.9	5
104	Carinata Tolerance to Preemergence and Postemergence Herbicides. Weed Technology, 2017, 31, 877-882.	1.5	16
105	Tolerance of Bermudagrass and Stargrass to Aminocyclopyrachlor. Weed Technology, 2016, 30, 499-505.	1.5	1
106	Relative Lateral Movement in Surface Soil of Amicarbazone and Indaziflam Compared with Other Preemergence Herbicides for Turfgrass. Weed Technology, 2016, 30, 229-237.	1.5	10
107	Technology for Automation of Weed Control in Specialty Crops. Weed Technology, 2016, 30, 823-837.	1.5	133
108	Bahiagrass Tolerance to Aminocyclopyrachlor in Florida. Weed Technology, 2016, 30, 943-948.	1.5	1

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109	Weed Control in Florida Pastures With the Use of Aminocyclopyrachlor. Weed Technology, 2016, 30, 271-278.	1.5	1
110	Influence of Planting Depth and Application Timing onS-metolachlor Injury in Sesame (Sesamum indicumL.). Weed Technology, 2016, 30, 958-964.	1.5	7
111	Peanut Cultivars Differing in Growth Habit and Canopy Architecture Respond Similarly to Weed Interference. Peanut Science, 2016, 43, 133-140.	0.1	6
112	Seed Production and Control of Sicklepod (Senna obtusifolia) and Pitted Morningglory (Ipomoea lacunosa) with 2,4-D, Dicamba, and Glyphosate Combinations. Weed Technology, 2016, 30, 76-84.	1.5	16
113	Biochar Decreases Atrazine and Pendimethalin Preemergence Herbicidal Activity. Weed Technology, 2015, 29, 359-366.	1.5	19
114	Energycane (Saccharum spp. Ã— Saccharum spontaneum L.) Biomass Production, Reproduction, and Weed Risk Assessment Scoring in the Humid Tropics and Subtropics. Agronomy Journal, 2015, 107, 323-329.	1.9	14
115	Characterization and Modeling of Itchgrass (Rottboellia cochinchinensis) Biphasic Seedling Emergence Patterns in the Tropics. Weed Science, 2015, 63, 623-630.	1.9	10
116	Postdispersal Weed Seed Predation and Invertebrate Activity Density in Three Tillage Regimes. Weed Science, 2015, 63, 828-838.	1.9	22
117	Postemergence Herbicide Tolerance Variation in Peanut Germplasm. Weed Science, 2015, 63, 546-554.	1.9	9
118	Weed Seed Banks Are More Dynamic in a Sod-Based, Than in a Conventional, Peanutâ€“Cotton Rotation. Weed Science, 2015, 63, 877-887.	1.9	14
119	Amicarbazone Application Timing Influences Overseeded Perennial Ryegrass (Lolium perenne) Tj ETQq1 1 0.784314 rgBT /Over		0
120	Vinasse and Biochar Effects on Germination and Growth of Palmer Amaranth (Amaranthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Weed Technology, 2014, 28, 694-702.	1.5	12
121	Impact of Exposure to 2,4-D and Dicamba on Peanut Injury and Yield. Weed Technology, 2014, 28, 465-470.	1.5	28
122	Characterization of Fluazifop-P-butyl Tolerance in Zoysiagrass Cultivars. Weed Technology, 2014, 28, 385-394.	1.5	8
123	Using choice experiments to understand household tradeoffs regarding pineapple production and environmental management in Costa Rica. Journal of Environmental Management, 2013, 127, 308-316.	8.4	10
124	Glufosinate Application Timing and Rate Affect Peanut Yield. Peanut Science, 2013, 40, 115-119.	0.1	7
125	Selection Criteria and Performance of Energycane Clones (Saccharum spp. Ã— S. spontaneum) for Biomass Production Under Tropical and Sub-tropical Conditions. Ceiba, 2012, 51, 11-16.	0.1	9
126	Impact of Weed Management Practices on Grapevine Growth and Yield Components. Weed Science, 2009, 57, 103-107.	1.9	31

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127	Interspecific Differences in Weed Susceptibility to Steam Injury. Weed Technology, 2008, 22, 719-723.	1.5	14
128	Germination and proteome analyses reveal intraspecific variation in seed dormancy regulation in common waterhemp (Amaranthus tuberculatus). Weed Science, 2006, 54, 305-315.	1.9	30
129	Inheritance of deep seed dormancy and stratification-mediated dormancy alleviation in Amaranthus tuberculatus. Seed Science Research, 2006, 16, 193-202.	1.7	5
130	Tillage systems and seed dormancy effects on common waterhemp (Amaranthus tuberculatus) seedling emergence. Weed Science, 2006, 54, 1037-1044.	1.9	36
131	Absence of Interactive Responses of Early Soybean (Glycine max) Growth to Soybean Cyst Nematode (Heterodera glycines), Postemergence Herbicides, and Soil pH and Texture1. Weed Technology, 2005, 19, 847-854.	1.5	2
132	Effect of temperature on the germination of common waterhemp (Amaranthus tuberculatus), giant foxtail (Setaria faberi), and velvetleaf (Abutilon theophrasti). Weed Science, 2004, 52, 67-73.	1.9	58
133	Artificial and natural seed banks differ in seedling emergence patterns. Weed Science, 2004, 52, 531-537.	1.9	25
134	Regulation of weed seed dormancy through light and temperature interactions. Weed Science, 2003, 51, 752-758.	1.9	34
135	Susceptibility of Palmer amaranth accessions in North Carolina to atrazine, dicamba, S â€metolachlor, and 2,4â€D. Crop, Forage and Turfgrass Management, 0, , .	1.1	0