Ramon G Leon

List of Publications by Year
in descending order

113 papers	1,264 citations	430442 18 h-index	525886 27 g-index
115 all docs	115 docs citations	115 times ranked	1052 citing authors

#	Article	IF	Citations
1	Evaluation of imazapic and flumioxazin carryover risk for Carinata (Brassica carinata) establishment. Weed Science, 2022, 70, 503-513.	0.8	2
2	Surveying stakeholderâ€™s perception of glufosinate and use in North Carolina. Weed Technology, 2022, 36, 443-450.	0.4	3
3	Response of Maize, Cotton, and Soybean to Increased Crop Density in Heterogeneous Planting Arrangements. Agronomy, 2022, 12, 1238.	1.3	1
4	Modeling weed community diversity based on species population density dynamics and herbicide use intensity. European Journal of Agronomy, 2022, 138, 126533.	1.9	2
5	Using weed emergence and phenology models to determine critical control windows for winter-grown carinata (Brassica carinata). Weed Science, 2022, 70, 495-502.	0.8	4
6	Genome-Wide Evolutionary Analysis of Putative Non-Specific Herbicide Resistance Genes and Compilation of Core Promoters between Monocots and Dicots. Genes, 2022, 13, 1171.	1.0	5
7	The role of population and quantitative genetics and modern sequencing technologies to understand evolved herbicide resistance and weed fitness. Pest Management Science, 2021, 77, 12-21.	1.7	19
8	Herbicide systems including linuron for Palmer amaranth (Amaranthus palmeri) control in sweetpotato. Weed Technology, 2021, 35, 49-56.	0.4	2
9	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.	0.4	2
10	A population genetics approach for the study of fluridone resistance in hydrilla. Aquatic Invasions, 2021, 16, 28-42.	0.6	1
11	Biochar affects soil water content but not soybean yield in a sandy southeastern U.S. soil. , 2021, 4, e20197.		2
12	Seed germination responses to soil hydraulic conductivity and polyethylene glycol (PEG) osmotic solutions. Plant and Soil, 2021, 462, 175-188.	1.8	9
13	Tillage system and seeding rate effects on the performance of Brassica carinata. GCB Bioenergy, 2021, 13, 600-617.	2.5	19
14	Windows of action for controlling palmer amaranth (Amaranthus palmeri) using emergence and phenology models. Weed Research, 2021, 61, 188-198.	0.8	13
15	The Impacts of Micronutrient Fertility on the Mineral Uptake and Growth of Brassica carinata. Agriculture (Switzerland), 2021, 11, 221.	1.4	3
16	Evaluating shade cloth to simulate Palmer amaranth (Amaranthus palmeri) competition in sweetpotato. Weed Science, 2021, 69, 478-484.	0.8	3
17	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.	0.4	1
18	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.	2.5	14

#	Article	IF	Citations
19	Population and quantitative genetic analyses of lifeâ€history trait adaptations in Amaranthus palmeri S. Watson. Weed Research, 2021, 61, 342-349.	0.8	6
20	Characterization of carinata tolerance to select herbicides using field dose-response studies. Weed Technology, 2021, 35, 957-966.	0.4	6
21	Palmer Amaranth (Amaranthus palmeri) Growth and Seed Production When in Competition with Peanut and Other Crops in North Carolina. Agronomy, 2021, 11, 1734.	1.3	11
22	Influence of herbicides on germination and quality of Palmer amaranth (Amaranthus palmeri) seed. Weed Technology, 2021, 35, 786-789.	0.4	1
23	Population growth rates of weed species in response to herbicide programme intensity and their impact on weed community. Weed Research, 2021, 61, 509-518.	0.8	8
24	Growing winter Brassica carinata as part of a diversified crop rotation for integrated weed management. GCB Bioenergy, 2021, 13, 425-435.	2.5	16
25	A granular fertilizer carrier impregnated with metsulfuron injures centipedegrass when applied at excessive rates. Crop, Forage and Turfgrass Management, 2021, 7, e20091.	0.2	0
26	Nitrogen leaching and tifway bermudagrass response to simultaneous nutrient and preemergence herbicide applications. Journal of Environmental Quality, 2021, 50, 1419-1429.	1.0	0
27	Tolerance of rhizoma perennial peanut to glyphosate and triclopyr. Weed Technology, 2021, 35, 525-531.	0.4	0
28	Integration of remoteâ€weed mapping and an autonomous spraying unmanned aerial vehicle for siteâ€specific weed management. Pest Management Science, 2020, 76, 1386-1392.	1.7	53
29	Coverage and drift potential associated with nozzle and speed selection for herbicide applications using an unmanned aerial sprayer. Weed Technology, 2020, 34, 235-240.	0.4	24
30	Cotton response to preplant applications of 2,4-D or dicamba. Weed Technology, 2020, 34, 96-100.	0.4	1
31	Amaranthus palmeri a New Invasive Weed in Spain with Herbicide Resistant Biotypes. Agronomy, 2020, 10, 993.	1.3	23
32	Incorporating environmental factors to describe wild radish (Raphanus raphanistrum) seedling emergence and plant phenology. Weed Science, 2020, 68, 627-638.	0.8	5
33	Bahiagrass pasture and elephantgrass bioenergy cropping systems differ in root traits. Agronomy Journal, 2020, 112, 4810-4821.	0.9	3
34	Susceptibility of Palmer amaranth (Amaranthus palmeri) to herbicides in accessions collected from the North Carolina Coastal Plain. Weed Science, 2020, 68, 582-593.	0.8	9
35	Tolerance of pintoi peanut to PRE and POST herbicides. Weed Technology, 2020, 34, 870-875.	0.4	0
36	Simulation Models on the Ecology and Management of Arable Weeds: Structure, Quantitative Insights, and Applications. Agronomy, 2020, 10, 1611.	1.3	14

#	Article	IF	Citations
37	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, e220021.	0.2	1
38	Creating Predictive Weed Emergence Models Using Repeat Photography and Image Analysis. Plants, 2020, 9, 635.	1.6	0
39	Current outlook and future research needs for harvest weed seed control in North American cropping systems. Pest Management Science, 2020, 76, 3887-3895.	1.7	24
40	Response of agronomic crops to planting date and doubleâ€cropping with wheat. Agronomy Journal, 2020, 112, 1972-1980.	0.9	5
41	Peanut nitrogen credits to winter wheat are negligible under conservation tillage management in the southeastern USA. Field Crops Research, 2020, 249, 107739.	2.3	7
42	Shortâ€term effects of bioenergy cropping on soil carbon and nitrogen dynamics in a Florida Ultisol. Soil Science Society of America Journal, 2020, 84, 1233-1246.	1.2	7
43	Brassica carinata genotypes demonstrate potential as a winter biofuel crop in South East United States. Industrial Crops and Products, 2020, 150, 112353.	2.5	39
44	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.	2.3	13
45	Weed Management Guide for Florida Lawns. Edis, 2020, 2020, .	0.0	2
46	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.	1.1	4
47	Transgressive segregation and maternal genetic effects of nonâ€“target site fluazifop-P-butyl tolerance in Zoysia spp.. Weed Science, 2019, 67, 504-509.	0.8	2
48	Peanut residue distribution gradients and tillage practices determine patterns of nitrogen mineralization. Nutrient Cycling in Agroecosystems, 2019, 113, 63-76.	1.1	7
49	Influence of multiple herbicide resistance on growth inAmaranthus tuberculatus. Weed Research, 2019, 59, 235-244.	0.8	6
50	Brassica carinata Seeding Rate and Row Spacing Effects on Morphology, Yield, and Oil. Agronomy Journal, 2019, 111, 528-535.	0.9	32
51	Variation in tolerance mechanisms to fluazifop-P-butyl among selected zoysiagrass lines. Weed Science, 2019, 67, 288-295.	0.8	1
52	Application Timing Affects Tolerance of Zoysiagrass to Fluazifopâ€Pâ€butyl and Safening Effect of Triclopyr. Crop Science, 2019, 59, 1789-1798.	0.8	0
53	The Influence of Postemergence Herbicide Timing and Frequency on Weed Control and Soybean Yield. Crop, Forage and Turfgrass Management, 2019, 5, 190036.	0.2	1
54	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.	0.8	19

#	Article	IF	Citations
55	Herbicidal and Seed Dormancy Induction Activity of Fermentation Residual Vinasse. Weed Science, 2018, 66, 317-323.	0.8	1
56	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.	0.6	2
57	Recurrent Changes of Weed Seed Bank Density and Diversity in Cropâ€"Livestock Systems. Agronomy Journal, 2018, 110, 1068-1078.	0.9	12
58	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.	0.4	10
59	Managing Wicked Herbicide-Resistance: Lessons from the Field. Weed Technology, 2018, 32, 475-488.	0.4	24
60	Extractable and Germinable Seedbank Methods Provide Different Quantifications of Weed Communities. Weed Science, 2018, 66, 715-720.	0.8	17
61	Evaluation of Verticutting and Herbicides for Tropical Signalgrass (Urochloa subquadripara) Control in Turf. Weed Technology, 2018, 32, 392-397.	0.4	4
62	Frost Damage of Carinata Grown in the Southeastern US. Edis, 2018, 2018, .	0.0	7
63	Differentiation of Life-History Traits among Palmer Amaranth Populations (Amaranthus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 339-349.	0.8	42
64	Effect of Sequential Applications of Protoporphyrinogen Oxidase-Inhibiting Herbicides on Palmer Amaranth (Amaranthus palmeri) Control and Peanut Response. Weed Technology, 2017, 31, 46-52.	0.4	10
65	Impact of Potassium and Nitrogen Fertilization on Bahiagrass Herbage Accumulation and Nutrient Concentration. Agronomy Journal, 2017, 109, 1099-1105.	0.9	6
66	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.	2.3	17
67	Sesame Tolerance to Preplant Applications of 2,4-D and Dicamba. Weed Technology, 2017, 31, 590-598.	0.4	2
68	Converting bahiagrass pasture land to elephantgrass bioenergy production enhances biomass yield and water quality. Agriculture, Ecosystems and Environment, 2017, 248, 20-28.	2.5	11
69	Biochar Changes Shoot Growth and Root Distribution of Soybean during Early Vegetative Stages. Crop Science, 2017, 57, 454-461.	0.8	18
70	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.	0.8	3
71	Carinata Tolerance to Preemergence and Postemergence Herbicides. Weed Technology, 2017, 31, 877-882.	0.4	15
72	Tolerance of Bermudagrass and Stargrass to Aminocyclopyrachlor. Weed Technology, 2016, 30, 499-505.	0.4	0

#	Article	IF	Citations
73	Relative Lateral Movement in Surface Soil of Amicarbazone and Indaziflam Compared with Other Preemergence Herbicides for Turfgrass. Weed Technology, 2016, 30, 229-237.	0.4	8
74	Technology for Automation of Weed Control in Specialty Crops. Weed Technology, 2016, 30, 823-837.	0.4	93
75	Bahiagrass Tolerance to Aminocyclopyrachlor in Florida. Weed Technology, 2016, 30, 943-948.	0.4	1
76	Weed Control in Florida Pastures With the Use of Aminocyclopyrachlor. Weed Technology, 2016, 30, 271-278.	0.4	1
77	Influence of Planting Depth and Application Timing onS-metolachlor Injury in Sesame (Sesamum indicumL.). Weed Technology, 2016, 30, 958-964.	0.4	7
78	Peanut Cultivars Differing in Growth Habit and Canopy Architecture Respond Similarly to Weed Interference. Peanut Science, 2016, 43, 133-140.	0.2	5
79	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.	0.4	15
80	Biochar Decreases Atrazine and Pendimethalin Preemergence Herbicidal Activity. Weed Technology, 2015, 29, 359-366.	0.4	17
81	Survey of Glyphosateâ€•and Imazapicâ€Resistant Palmer Amaranth (Amaranthus palmeri) in Florida. Crop, Forage and Turfgrass Management, 2015, 1, 1-5.	0.2	6
82	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.	0.9	11
83	Characterization and Modeling of Itchgrass (Rottboellia cochinchinensis) Biphasic Seedling Emergence Patterns in the Tropics. Weed Science, 2015, 63, 623-630.	0.8	7
84	Postdispersal Weed Seed Predation and Invertebrate Activity Density in Three Tillage Regimes. Weed Science, 2015, 63, 828-838.	0.8	18
85	Postemergence Herbicide Tolerance Variation in Peanut Germplasm. Weed Science, 2015, 63, 546-554.	0.8	7
86	Weed Seed Banks Are More Dynamic in a Sod-Based, Than in a Conventional, Peanutâ€“Cotton Rotation. Weed Science, 2015, 63, 877-887.	0.8	12
87	Amicarbazone Application Timing Influences Overseeded Perennial Ryegrass (Lolium perenne L.) Safety and Annual Bluegrass (Poa annua L.) Control. , 2014, 11, ATS-2014-0042-RS.		0
88	Vinasse and Biochar Effects on Germination and Growth of Palmer Amaranth (Amaranthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Weed Technology, 2014, 28, 694-702.	0.4	12
89	Impact of Exposure to 2,4-D and Dicamba on Peanut Injury and Yield. Weed Technology, 2014, 28, 465-470.	0.4	26
90	Characterization of Fluazifop-P-butyl Tolerance in Zoysiagrass Cultivars. Weed Technology, 2014, 28, 385-394.	0.4	7

#	Article	IF	Citations
91	Structuring international development decisions: confronting trade-offs between land use and community development in Costa Rica. Environment Systems and Decisions, 2014, 34, 224-236.	1.9	9
92	Management of Spreading Pricklypear (Opuntia humifusa) with Fluroxypyr and Aminopyralid. Weed Technology, 2014, 28, 734-738.	0.4	2
93	Using choice experiments to understand household tradeoffs regarding pineapple production and environmental management in Costa Rica. Journal of Environmental Management, 2013, 127, 308-316.	3.8	8
94	Influence of Lactofen and 2,4-DB Combinations on Peanut Injury and Yield. Peanut Science, 2013, 40, 62-65.	0.2	6
95	Glufosinate Application Timing and Rate Affect Peanut Yield. Peanut Science, 2013, 40, 115-119.	0.2	7
96	Characterization of â€˜MD-2â€™ Pineapple Planting Density and Fertilization Using a Grower Survey. HortTechnology, 2012, 22, 644-650.	0.5	11
97	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.	0.2	9
98	Weed management practices determine plant and arthropod diversity and seed predation in vineyards. Weed Research, 2011, 51, 404-412.	0.8	50
99	White paper report from working groups attending the international conference on research and educational opportunities in bio-fuel crop production. Biomass and Bioenergy, 2010, 34, 1968-1972.	2.9	5
100	Impact of Weed Management Practices on Grapevine Growth and Yield Components. Weed Science, 2009, 57, 103-107.	0.8	29
101	Interspecific Differences in Weed Susceptibility to Steam Injury. Weed Technology, 2008, 22, 719-723.	0.4	12
102	Thermal and hormonal regulation of the dormancy?germination transition in Amaranthus tuberculatus seeds. Weed Research, 2007, 47, 335-344.	0.8	18
103	Germination and proteome analyses reveal intraspecific variation in seed dormancy regulation in common waterhemp (Amaranthus tuberculatus). Weed Science, 2006, 54, 305-315.	0.8	28
104	Inheritance of deep seed dormancy and stratification-mediated dormancy alleviation in Amaranthus tuberculatus. Seed Science Research, 2006, 16, 193-202.	0.8	4
105	Tillage systems and seed dormancy effects on common waterhemp (Amaranthus tuberculatus) seedling emergence. Weed Science, 2006, 54, 1037-1044.	0.8	34
106	Efecto de la profundidad del suelo en Rottboellia cochinchinensis (Lour) Clayton en caÃ±a de azÃºcar (Saccharum officinarum L.).. Agronomy Mesoamerican, 2006, 12, 65.	0.1	5
107	Efecto de tipos de labranza sobre la poblaciÃ³n de malezas en caÃ±a de azÃºcar (Saccharum officinarum) Tj ETQq1 1 0.784314 rgBT /	0.1	1
108	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.	0.4	2

#	Article	IF	Citations
109	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.	0.8	54
110	Artificial and natural seed banks differ in seedling emergence patterns. Weed Science, 2004, 52, 531-537.	0.8	23
111	Regulation of weed seed dormancy through light and temperature interactions. Weed Science, 2003, 51, 752-758.	0.8	32
112	Emergence patterns of winter and summer annual weeds in Ethiopian mustard (<i>Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.8	6
113	Susceptibility of Palmer amaranth accessions in North Carolina to atrazine, dicamba, S â€metolachlor, and 2,4â€Ð. Crop, Forage and Turfgrass Management, 0, , e20136.	0.2	0