

Luis Abdala-Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,725
citations

279798

23
h-index

330143

37
g-index

69
all docs

69
docs citations

69
times ranked

2040
citing authors

#	ARTICLE	IF	CITATIONS
1	A roadmap for future research on insularity effects on plant–herbivore interactions. <i>Global Ecology and Biogeography</i> , 2022, 31, 602-610.	5.8	9
2	Short-Term Temporal Patterns in Herbivore Beetle Assemblages in Polyculture Neotropical Forest Plantations. <i>Neotropical Entomology</i> , 2022, 51, 199-211.	1.2	2
3	An experimental test of ant effects on herbivory and pathogen infection on wild cotton (<i>Gossypium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.1 2	1.1	2
4	Urbanization affects oak–pathogen interactions across spatial scales. <i>Ecography</i> , 2022, 2022, .	4.5	5
5	A phylogenetically controlled test does not support the prediction of lower putative anti-herbivore leaf traits for insular woody species. <i>Journal of Biogeography</i> , 2022, 49, 274-285.	3.0	6
6	Effects of soil salinity on the expression of direct and indirect defences in wild cotton (<i>Gossypium hirsutum</i>). <i>Journal of Ecology</i> , 2021, 109, 354-368.	4.0	10
7	Elevational gradients in constitutive and induced oak defences based on individual traits and their correlated expression patterns. <i>Oikos</i> , 2021, 130, 396-407.	2.7	9
8	Effects of latitude and conspecific plant density on insect leaf herbivory in oak saplings and seedlings. <i>American Journal of Botany</i> , 2021, 108, 172-176.	1.7	2
9	Effects of soil abiotic factors and plant chemical defences on seed predation on sea fennel (<i>Crithmum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.7 5	3.7	5
10	Proximate drivers of population inter-annual variation in seed output for a masting conifer species. <i>Forest Ecology and Management</i> , 2021, 498, 119562.	3.2	2
11	Latitudinal variation in seed predation correlates with latitudinal variation in seed defensive and nutritional traits in a widespread oak species. <i>Annals of Botany</i> , 2020, 125, 881-890.	2.9	17
12	Micro-climatic effects on plant phenolics at the community level in a Mediterranean savanna. <i>Scientific Reports</i> , 2020, 10, 14757.	3.3	5
13	Tree diversity effects through a temporal lens: Implications for the abundance, diversity and stability of foraging birds. <i>Journal of Animal Ecology</i> , 2020, 89, 1775-1787.	2.8	3
14	Ontogenetic consistency in oak defence syndromes. <i>Journal of Ecology</i> , 2020, 108, 1822-1834.	4.0	15
15	Latitudinal and Elevational Gradients in Plant Defences and Herbivory in Temperate Trees: Recent Findings, Underlying Drivers, and the Use of Genomic Tools for Uncovering Clinal Evolution. , 2020, , 343-368.		10
16	Sources of Variation in Defensive Traits in <i>Quercus</i> Species: Insights Gained from Research Spanning Individuals to Communities and Local- to Broad-Scale Factors. <i>Progress in Biological Control</i> , 2020, , 81-97.	0.5	3
17	Impacts of urbanization on insect herbivory and plant defences in oak trees. <i>Oikos</i> , 2019, 128, 113-123.	2.7	49
18	Bottom–up control of geographic variation in insect herbivory on wild cotton (<i>Gossypium</i>) Tj ETQq0 0 0 rgBT /Overlock 1.7 11 Tf 50 62	1.7	11

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19	Effects of amount and recurrence of leaf herbivory on the induction of direct and indirect defences in wild cotton. <i>Plant Biology</i> , 2019, 21, 1063-1071.	3.8	6
20	Sexual and genotypic variation in terpene quantitative and qualitative profiles in the dioecious shrub <i>Baccharis salicifolia</i> . <i>Scientific Reports</i> , 2019, 9, 14655.	3.3	8
21	Trophic interactions: bridging species, communities and ecosystems. <i>Ecology Letters</i> , 2019, 22, 2151-2167.	6.4	77
22	Greater phylogenetic distance from native oaks predicts escape from insect leaf herbivores by non-native oak saplings. <i>American Journal of Botany</i> , 2019, 106, 1202-1209.	1.7	3
23	Compensation to simulated insect leaf herbivory in wild cotton (<i>Gossypium hirsutum</i>): responses to multiple levels of damage and associated traits. <i>Plant Biology</i> , 2019, 21, 805-812.	3.8	16
24	Effects of insularity on insect leaf herbivory and chemical defences in a Mediterranean oak species. <i>Journal of Biogeography</i> , 2019, 46, 1226-1233.	3.0	13
25	Parallel increases in insect herbivory and defenses with increasing elevation for both saplings and adult trees of oak (<i>Quercus</i>) species. <i>American Journal of Botany</i> , 2019, 106, 1558-1565.	1.7	13
26	Inducibility of chemical defences in young oak trees is stronger in species with high elevational ranges. <i>Tree Physiology</i> , 2019, 39, 606-614.	3.1	15
27	Effects of early-season insect herbivory on subsequent pathogen infection and ant abundance on wild cotton (<i>Gossypium hirsutum</i>). <i>Journal of Ecology</i> , 2019, 107, 1518-1529.	4.0	15
28	Weather cues associated with masting behavior dampen the negative autocorrelation between past and current reproduction in oaks. <i>American Journal of Botany</i> , 2019, 106, 51-60.	1.7	6
29	Interactions between plant defence signalling pathways: Evidence from bioassays with insect herbivores and plant pathogens. <i>Journal of Ecology</i> , 2018, 106, 2353-2364.	4.0	71
30	Intra-Specific Latitudinal Clines in Leaf Carbon, Nitrogen, and Phosphorus and their Underlying Abiotic Correlates in <i>Ruellia nudiflora</i> . <i>Scientific Reports</i> , 2018, 8, 596.	3.3	7
31	Tree species diversity alters plant defense investment in an experimental forest plantation in southern Mexico. <i>Biotropica</i> , 2018, 50, 246-253.	1.6	9
32	Effects of arbuscular mycorrhizal fungi on above-ground trophic interactions are contingent upon plant genetic effects of cross type in the perennial herb <i>Ruellia nudiflora</i> . <i>Journal of Ecology</i> , 2018, 106, 1133-1141.	4.0	6
33	Latitudinal variation in plant chemical defences drives latitudinal patterns of leaf herbivory. <i>Ecography</i> , 2018, 41, 1124-1134.	4.5	84
34	A global analysis of elevational gradients in leaf herbivory and its underlying drivers: Effects of plant growth form, leaf habit and climatic correlates. <i>Journal of Ecology</i> , 2018, 106, 413-421.	4.0	56
35	Elevational gradients in plant defences and insect herbivory: recent advances in the field and prospects for future research. <i>Ecography</i> , 2018, 41, 1485-1496.	4.5	97
36	Host plant frequency and secondary metabolites are concurrently associated with insect herbivory in a dominant riparian tree. <i>Biology Letters</i> , 2018, 14, 20180281.	2.3	4

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37	Tropical tree diversity mediates foraging and predatory effects of insectivorous birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181842.	2.6	24
38	Interspecific variation in leaf functional and defensive traits in oak species and its underlying climatic drivers. <i>PLoS ONE</i> , 2018, 13, e0202548.	2.5	33
39	Effects of tree species diversity on insect herbivory and leaf defences in <i>Cordia dodecandra</i> . <i>Ecological Entomology</i> , 2018, 43, 703-711.	2.2	11
40	Assessing the influence of biogeographical region and phylogenetic history on chemical defences and herbivory in <i>Quercus</i> species. <i>Phytochemistry</i> , 2018, 153, 64-73.	2.9	25
41	Ecological and evolutionary consequences of tri-trophic interactions: Spatial variation and effects of plant density. <i>American Journal of Botany</i> , 2017, 104, 241-251.	1.7	3
42	Functional responses of contrasting seed predator guilds to masting in two Mediterranean oak species. <i>Oikos</i> , 2017, 126, 1042-1050.	2.7	13
43	Interactive effects of plant neighbourhood and ontogeny on insect herbivory and plant defensive traits. <i>Scientific Reports</i> , 2017, 7, 4047.	3.3	36
44	Test of biotic and abiotic correlates of latitudinal variation in defences in the perennial herb <i>Ulex europaeus</i> . <i>Journal of Ecology</i> , 2016, 104, 580-590.	4.0	48
45	Biotic and abiotic factors associated with altitudinal variation in plant traits and herbivory in a dominant oak species. <i>American Journal of Botany</i> , 2016, 103, 2070-2078.	1.7	63
46	Effects of tree species diversity and genotypic diversity on leafminers and parasitoids in a tropical forest plantation. <i>Agricultural and Forest Entomology</i> , 2016, 18, 43-51.	1.3	11
47	Effects of plant intraspecific diversity across three trophic levels: Underlying mechanisms and plant traits. <i>American Journal of Botany</i> , 2016, 103, 1810-1818.	1.7	17
48	Plant diversity effects on insect herbivores and their natural enemies: current thinking, recent findings, and future directions. <i>Current Opinion in Insect Science</i> , 2016, 14, 1-7.	4.4	138
49	Patterns of among- and within-species variation in heterospecific pollen receipt: The importance of ecological generalization. <i>American Journal of Botany</i> , 2016, 103, 396-407.	1.7	60
50	Effects of pepper (<i>Capsicum chinense</i>) genotypic diversity on insect herbivores. <i>Agricultural and Forest Entomology</i> , 2015, 17, 433-438.	1.3	14
51	Effects of climate on reproductive investment in a masting species: assessment of climatic predictors and underlying mechanisms. <i>Journal of Ecology</i> , 2015, 103, 1317-1324.	4.0	26
52	Effects of Tree Genotypic Diversity and Species Diversity on the Arthropod Community Associated with <i>Bigleaf Mahogany</i> . <i>Biotropica</i> , 2015, 47, 579-587.	1.6	24
53	Comparison of tree genotypic diversity and species diversity effects on different guilds of insect herbivores. <i>Oikos</i> , 2015, 124, 1527-1535.	2.7	56
54	Are Tree Species Diversity and Genotypic Diversity Effects on Insect Herbivores Mediated by Ants?. <i>PLoS ONE</i> , 2015, 10, e0132671.	2.5	15

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55	Latitudinal variation in herbivory: influences of climatic drivers, herbivore identity and natural enemies. <i>Oikos</i> , 2015, 124, 1444-1452.	2.7	79
56	Specificity of induced defenses, growth, and reproduction in lima bean (<i>Phaseolus lunatus</i>) in response to multispecies herbivory. <i>American Journal of Botany</i> , 2015, 102, 1300-1308.	1.7	33
57	Positive Effects of Plant Genotypic and Species Diversity on Anti-Herbivore Defenses in a Tropical Tree Species. <i>PLoS ONE</i> , 2014, 9, e105438.	2.5	59
58	Ecological and evolutionary consequences of plant genotype diversity in a tri-trophic system. <i>Ecology</i> , 2014, 95, 2879-2893.	3.2	31
59	Plant traits mediate effects of predators across pepper (<i>Capsicum annuum</i>) varieties. <i>Ecological Entomology</i> , 2014, 39, 361-370.	2.2	9
60	Pollen limitation, fruit abortion, and autonomous selfing in three populations of the perennial herb <i>Ruellia nudiflora</i> . <i>Plant Species Biology</i> , 2014, 29, 25-33.	1.0	15
61	Soil fertility and parasitoids shape herbivore selection on plants. <i>Journal of Ecology</i> , 2014, 102, 1120-1128.	4.0	9
62	Light Availability Influences Growth-Defense Trade-offs in Big-Leaf Mahogany (<i>Swietenia</i>)	1.6	15
63	Environmental and plant genetic effects on tri-trophic interactions. <i>Oikos</i> , 2013, 122, 1157-1166.	2.7	34
64	Influence of multiple factors on plant local adaptation: soil type and folivore effects in <i>Ruellia nudiflora</i> (Acanthaceae). <i>Evolutionary Ecology</i> , 2012, 26, 545-558.	1.2	19
65	Testing the low latitude/high defense hypothesis for broad-leaved tree species. <i>Oecologia</i> , 2012, 169, 811-820.	2.0	38
66	Ant-aphid interactions on <i>Asclepias syriaca</i> are mediated by plant genotype and caterpillar damage. <i>Oikos</i> , 2012, 121, 1905-1913.	2.7	30
67	Mechanisms and traits associated with compensation for defoliation in <i>Ruellia nudiflora</i> . <i>Plant Ecology</i> , 2012, 213, 303-314.	1.6	15
68	Spatial Variation in the Strength of a Trophic Cascade Involving <i>Ruellia nudiflora</i> (Acanthaceae), an Insect Seed Predator and Associated Parasitoid Fauna in Mexico. <i>Biotropica</i> , 2010, 42, 180-187.	1.6	27
69	Local adaptation of <i>Ruellia nudiflora</i> (Acanthaceae) to biotic counterparts: complex scenarios revealed when two herbivore guilds are considered. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2288-2297.	1.7	24