Lora A Richards

List of Publications by Year
in descending order

28	1,309	471477	501174
papers	citations	17 h-index	28 g-index

31	31	31	1484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and compositional dimensions of phytochemical diversity in the genus Piper reflect distinct ecological modes of action. Journal of Ecology, 2022, 110, 57-67.	4.0	14
2	The chemical ecology of tropical forest diversity: Environmental variation, chemical similarity, herbivory, and richness. Ecology, 2022, 103, e3762.	3.2	12
3	Opposing Effects of Ceanothus velutinus Phytochemistry on Herbivore Communities at Multiple Scales. Metabolites, 2021, 11, 361.	2.9	3
4	Phytochemistry reflects different evolutionary history in traditional classes versus specialized structural motifs. Scientific Reports, 2021, 11, 17247.	3.3	9
5	Caterpillars on a phytochemical landscape: The case of alfalfa and the Melissa blue butterfly. Ecology and Evolution, 2020, 10, 4362-4374.	1.9	7
6	Editorial: Arthropod Interactions and Responses to Disturbance in a Changing World. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	12
7	Interaction Diversity Maintains Resiliency in a Frequently Disturbed Ecosystem. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	21
8	Proximity to canopy mediates changes in the defensive chemistry and herbivore loads of an understory tropical shrub, Piper kelleyi. Ecology Letters, 2019, 22, 332-341.	6.4	21
9	Maximizing the monitoring of diversity for management activities: Additive partitioning of plant species diversity across a frequently burned ecosystem. Forest Ecology and Management, 2019, 432, 409-414.	3.2	11
10	Modern approaches to study plantâ€“insect interactions in chemical ecology. Nature Reviews Chemistry, 2018, 2, 50-64.	30.2	97
11	Across Multiple Species, Phytochemical Diversity and Herbivore Diet Breadth Have Cascading Effects on Herbivore Immunity and Parasitism in a Tropical Model System. Frontiers in Plant Science, 2018, 9, 656.	3.6	25
12	Global change and the importance of fire for the ecology and evolution of insects. Current Opinion in Insect Science, 2018, 29, 110-116.	4.4	61
13	Shedding Light on Chemically Mediated Tri-Trophic Interactions: A 1H-NMR Network Approach to Identify Compound Structural Features and Associated Biological Activity. Frontiers in Plant Science, 2018, 9, 1155.	3.6	12
14	Similarity in volatile communities leads to increased herbivory and greater tropical forest diversity. Ecology, 2017, 98, 1750-1756.	3.2	32
15	Overstoryâ€derived surface fuels mediate plant species diversity in frequently burned longleaf pine forests. Ecosphere, 2017, 8, e01964.	2.2	39
16	Host conservatism, geography, and elevation in the evolution of a Neotropical moth radiation. Evolution; International Journal of Organic Evolution, 2017, 71, 2885-2900.	2.3	10
17	Intraspecific phytochemical variation shapes community and population structure for specialist caterpillars. New Phytologist, 2016, 212, 208-219.	7.3	90
18	Phytochemical diversity and synergistic effects on herbivores. Phytochemistry Reviews, 2016, 15, 1153-1166.	6.5	97

#	Article	IF	Citations
19	Phytochemical diversity drives plantâ€“insect community diversity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10973-10978.	7.1	246
20	Antiherbivore Prenylated Benzoic Acid Derivatives from Piper kelleyi. Journal of Natural Products, 2014, 77, 148-153.	3.0	33
21	Percentage leaf herbivory across vascular plant species. Ecology, 2014, 95, 788-788.	3.2	53
22	New dimensions of tropical diversity: an inordinate fondness for insect molecules, taxa, and trophic interactions. Current Opinion in Insect Science, 2014, 2, 14-19.	4.4	21
23	Synergistic Effects of Iridoid Glycosides on the Survival, Development and Immune Response of a Specialist Caterpillar, Junonia coenia (Nymphalidae). Journal of Chemical Ecology, 2012, 38, 1276-1284.	1.8	62
24	Domatia morphology and mite occupancy of Psychotria horizontalis (Rubiaceae) across the Isthmus of Panama. Arthropod-Plant Interactions, 2012, 6, 129-136.	1.1	4
25	Synergistic Effects of Amides from Two Piper Species on Generalist and Specialist Herbivores. Journal of Chemical Ecology, 2010, 36, 1105-1113.	1.8	86
26	Combined Effects of Host Plant Quality and Predation on a Tropical Lepidopteran: A Comparison between Treefall Gaps and the Understory in Panama. Biotropica, 2008, 40, 736-741.	1.6	18
27	Seasonal variation of arthropod abundance in gaps and the understorey of a lowland moist forest in Panama. Journal of Tropical Ecology, 2007, 23, 169-176.	1.1	92
28	Seasonal and habitat differences affect the impact of food and predation on herbivores: a comparison between gaps and understory of a tropical forest. Oikos, 2007, 116, 31-40.	2.7	120