Carlos Lara

List of Publications by Year in descending order

72 papers	1,388 citations	361296 20 h-index	395590 33 g-index
74 all docs	74 docs citations	74 times ranked	1452 citing authors

#	Article	IF	Citations
1	Specialization in Plant-Hummingbird Networks Is Associated with Species Richness, Contemporary Precipitation and Quaternary Climate-Change Velocity. PLoS ONE, 2011, 6, e25891.	1.1	142
2	The macroecology of phylogenetically structured hummingbirdâ€“plant networks. Global Ecology and Biogeography, 2015, 24, 1212-1224.	2.7	100
3	Preferential nectar robbing of flowers with long corollas: experimental studies of two hummingbird species visiting three plant species. Oecologia, 2001, 128, 263-273.	0.9	88
4	Global patterns of interaction specialization in birdâ€“flower networks. Journal of Biogeography, 2017, 44, 1891-1910.	1.4	68
5	Immune investment impairs growth, female reproduction and survival in the house cricket, Acheta domesticus. Journal of Insect Physiology, 2010, 56, 204-211.	0.9	61
6	Temporal dynamics of flower use by hummingbirds in a highland temperate forest in Mexico. Ecoscience, 2006, 13, 23-29.	0.6	49
7	The integration of alien plants in mutualistic plantâ€“hummingbird networks across the Americas: the importance of species traits and insularity. Diversity and Distributions, 2016, 22, 672-681.	1.9	47
8	Ecological mechanisms explaining interactions within plantâ€“hummingbird networks: morphological matching increases towards lower latitudes. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192873.	1.2	44
9	Functional diversity mediates macroecological variation in plantâ€“hummingbird interaction networks. Global Ecology and Biogeography, 2018, 27, 1186-1199.	2.7	43
10	Reproductive ecology of distylous Palicourea padifolia (Rubiaceae) in a tropical montane cloud forest. II. Attracting and rewarding mutualistic and antagonistic visitors. American Journal of Botany, 2004, 91, 1061-1069.	0.8	40
11	Effects of nectar theft by flower mites on hummingbird behavior and the reproductive success of their host plant, Moussonia deppeana (Gesneriaceae). Oikos, 2002, 96, 470-480.	1.2	39
12	Abundance drives broad patterns of generalisation in plantâ€“hummingbird pollination networks. Oikos, 2019, 128, 1287-1295.	1.2	38
13	High proportion of smaller ranged hummingbird species coincides with ecological specialization across the Americas. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152512.	1.2	32
14	The influence of biogeographical and evolutionary histories on morphological traitâ€matching and resource specialization in mutualistic hummingbirdâ€“plant networks. Functional Ecology, 2021, 35, 1120-1133.	1.7	31
15	Reproductive Biology and Pollination of the Parasitic Plant Psittacanthus Calyculatus (loranthaceae) in Central MÃ©xico1. Journal of the Torrey Botanical Society, 2006, 133, 429-438.	0.1	30
16	Nectar replenishment and pollen receipt interact in their effects on seed production of Penstemon roseus. Oecologia, 2009, 160, 675-685.	0.9	25
17	Flower mites and nectar production in six hummingbird-pollinated plants with contrasting flower longevities. Canadian Journal of Botany, 2002, 80, 1216-1229.	1.2	23
18	Hummingbirds as vectors of fungal spores in Moussonia deppeana (Gesneriaceae): taking advantage of a mutualism?. American Journal of Botany, 2003, 90, 262-269.	0.8	23

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19	Temporal-spatial segregation among hummingbirds foraging on honeydew in a temperate forest in Mexico. Environmental Epigenetics, 2011, 57, 56-62.	0.9	23
20	Provenance, guts, and fate: Field and experimental evidence in a host-mistletoe-bird system. Ecoscience, 2009, 16, 399-407.	0.6	22
21	Reproductive ecology and isolation ofPsittacanthus calyculatusandP. auriculatusmistletoes (Loranthaceae). PeerJ, 2016, 4, e2491.	0.9	22
22	What do we know (and need to know) about the role of urban habitats as ecological traps? Systematic review and meta-analysis. Science of the Total Environment, 2021, 780, 146559.	3.9	21
23	Reproductive biology and nectar production of the <scp>M</scp>exican endemic <scp>P</scp>sittacanthus auriculatus (<scp>L</scp>oranthaceae), a hummingbirdâ€pollinated mistletoe. Plant Biology, 2016, 18, 73-83.	1.8	17
24	Pollination ecology of Penstemon roseus (Plantaginaceae), an endemic perennial shifted toward hummingbird specialization?. Plant Systematics and Evolution, 2008, 271, 223-237.	0.3	16
25	Factors affecting the dominance hierarchy dynamics in a hummingbird assemblage. Environmental Epigenetics, 2019, 65, 261-268.	0.9	15
26	Reproductive biology and nectar secretion dynamics of Penstemon gentianoides (Plantaginaceae): a perennial herb with a mixed pollination system?. PeerJ, 2017, 5, e3636.	0.9	14
27	Observational Learning in the Whiteâ€Eared Hummingbird (Hylocharis leucotis): Experimental Evidence. Ethology, 2009, 115, 872-878.	0.5	13
28	Foraging guild structure and niche characteristics of waterbirds in an epicontinental lake in Mexico. Zoological Studies, 2013, 52, .	0.3	13
29	Uncorrelated mistletoe infection patterns and mating success with local host specialization in Psittacanthus calyculatus (Loranthaceae). Evolutionary Ecology, 2016, 30, 1061-1080.	0.5	13
30	Meta-networks for the study of biogeographical traits in ecological networks: the Mexican hummingbird-plant assemblage. Die Naturwissenschaften, 2018, 105, 54.	0.6	12
31	Pollinator divergence and pollination isolation between hybrids with different floral color and morphology in two sympatric Penstemon species. Scientific Reports, 2020, 10, 8126.	1.6	12
32	Nectar removal effects on seed production in Moussonia deppeana (Gesneriaceae), a hummingbird-pollinated shrub. Ecoscience, 2007, 14, 117-123.	0.6	11
33	Niche partitioning among three tree-climbing bird species in subtropical mountain forest sites with different human disturbance. Zoological Studies, 2015, 54, e28.	0.3	11
34	Gut passage of epigeous ectomycorrhizal fungi by two opportunistic mycophagous rodents. Environmental Epigenetics, 2011, 57, 293-299.	0.9	10
35	Geographic and ecological analysis of the Bearded Wood PartridgeDendrortyx barbatus: some insights on its conservation status. Bird Conservation International, 2013, 23, 371-385.	0.7	10
36	Nesting biology and life history of the dung beetle Onthophagus lecontei (Coleoptera: Scarabaeinae). Animal Biology, 2017, 67, 41-52.	0.6	10

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37	The urban contrast: A nationwide assessment of avian diversity in Mexican cities. Science of the Total Environment, 2021, 753, 141915.	3.9	10
38	Effect of agricultural land-use change on ant dominance hierarchy and food preferences in a temperate oak forest. PeerJ, 2019, 7, e6255.	0.9	10
39	Temporal dynamics of the hummingbird-plant interaction network of a dry forest in Chamela, Mexico: a 30-year follow-up after two hurricanes. PeerJ, 2020, 8, e8338.	0.9	10
40	Demography, density, and survival of an endemic and near threatened cottontailSylvilagus cunicularius in central Mexico. Acta Theriologica, 2007, 52, 299-305.	1.1	9
41	Memory for location and visual cues in white-eared hummingbirds Hylocharis leucotis. Environmental Epigenetics, 2011, 57, 468-476.	0.9	9
42	Residency in white-eared hummingbirds (Hylocharis leucotis) and its effect in territorial contest resolution. PeerJ, 2016, 4, e2588.	0.9	9
43	Antagonists and their effects in a hummingbirdâ€“plant interaction: Field experiments. Ecoscience, 2008, 15, 65-72.	0.6	8
44	Effect of using different types of animal dung for feeding and nesting by the dung beetleOnthophagus lecontei(Coleoptera: Scarabaeinae). Canadian Journal of Zoology, 2015, 93, 337-343.	0.4	8
45	Community-level reorganizations following migratory pollinator dynamics along a latitudinal gradient. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200649.	1.2	8
46	Forbidden links, trait matching and modularity in plant-hummingbird networks: Are specialized modules characterized by higher phenotypic floral integration?. PeerJ, 2021, 9, e10974.	0.9	8
47	Digestive responses of two omnivorous rodents (Peromyscus maniculatus and P. alstoni) feeding on epigeous fungus (Russula occidentalis). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 707-712.	0.7	7
48	CaracterizaciÃ³n de las ectomicorrizas formadas por Laccaria trichodermophora y Suillus tomentosus en Pinus montezumae. Botanical Sciences, 2015, 93, 855.	0.3	7
49	Wing Pigmentation in Males of a Territorial Damselfly: Alternative Reproductive Tactics, Allometry and Mating Success. Journal of Insect Behavior, 2015, 28, 569-581.	0.4	7
50	Molecular and climate data reveal expansion and genetic differentiation of Mexican Violet-ear Colibri thalassinus thalassinus (Aves: Trochilidae) populations separated by the Isthmus of Tehuantepec. Journal of Ornithology, 2018, 159, 687-702.	0.5	7
51	â€œPro-birdâ€•floral traits discourage bumblebee visits to Penstemon gentianoides (Plantaginaceae), a mixed-pollinated herb. Die Naturwissenschaften, 2019, 106, 1.	0.6	7
52	Redes de interacciÃ³n colibrÃ-planta del centro-este de MÃ©xico. Revista Mexicana De Biodiversidad, 2012, 83, .	0.4	7
53	Testosterone levels in feces predict riskâ€sensitive foraging in hummingbirds. Journal of Avian Biology, 2014, 45, 501-506.	0.6	6
54	Microgeographical Variation in Song Repertoire and Structure between the Leks of Green VioletearsColibri thalassinusin Central Mexico. Acta Ornithologica, 2015, 50, 23-32.	0.1	6

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55	Micofagia por roedores en un bosque templado del centro de MÃ©xico. Revista Mexicana De Biodiversidad, 2012, 83, .	0.4	6
56	Differential response to colour tasks on resident and migratory hummingbirds: a field test. Ethology Ecology and Evolution, 2015, 27, 357-378.	0.6	5
57	Unravelling host-mediated effects on hemiparasitic Mexican mistletoePsittacanthus calyculatus(DC.) G. Don traits linked to mutualisms with pollinators and seed dispersers. Journal of Plant Ecology, 2018, 11, 827-842.	1.2	5
58	Effect of agricultural landâ€use change on the structure of a temperate forest antâ€“plant interaction network. Entomological Science, 2020, 23, 128-141.	0.3	5
59	Enriquecimiento ambiental y su efecto en la exhibiciÃ³n de comportamientos estereotipados en jaguares (Panthera onca) del Parque ZoolÃ³gico Yaguar Xoo, Oaxaca. Acta ZoolÃ³gica Mexicana, 2012, 28, 365-377.	1.1	5
60	Efecto del tamaÃ±o corporal y distancia evolutiva en las interacciones agonÃsticas de colibrÃes (Trochilidae). Revista Mexicana De Biodiversidad, 2018, 89, .	0.4	4
61	Neither ant dominance nor abundance explain ant-plant network structure in Mexican temperate forests. PeerJ, 2020, 8, e10435.	0.9	4
62	Superciliums in white-eared hummingbirds as badges of status signaling dominance. Die Naturwissenschaften, 2018, 105, 31.	0.6	3
63	Genetic relatedness and morphology as drivers of interspecific dominance hierarchy in hummingbirds. PeerJ, 2022, 10, e13331.	0.9	3
64	Differential reproductive responses to contrasting host species and localities in Psittacanthus calyculatus (Loranthaceae) mistletoes. Plant Biology, 2021, 23, 603-611.	1.8	2
65	Abundancia de colibrÃes y uso de flores en un bosque templado del sureste de MÃ©xico. Revista De Biologia Tropical, 2012, 60, .	0.1	2
66	Land-Use Change in a Mexican Dry Forest Promotes Species Turnover and Increases Nestedness in Plant-Hummingbird Networks: Are Exotic Plants Taking Over?. Tropical Conservation Science, 2020, 13, 194008292097895.	0.6	2
67	Risk indifference in white-eared hummingbirds (Hylocharis leucotis) confronting multiple foraging options. Revista Mexicana De Biodiversidad, 2013, 84, 630-636.	0.4	1
68	Coexistence among morphologically similar hummingbird species is promoted via density compensation in a Mexican temperate forest. Ecological Research, 2020, 35, 416-427.	0.7	1
69	From clustering to overdispersion: a north to south gradient in the patterns of phylogenetic structure in North American hummingbird assemblages. Organisms Diversity and Evolution, 0, , 1.	0.7	1
70	Habitat use and behavioral patterns of Cassin's Kingbird (Tyrannus vociferans) in an urban park of Mexico City. Wilson Journal of Ornithology, 2021, 132, .	0.1	0
71	Habitat use and behavioral patterns of Cassin's Kingbird (Tyrannus vociferans) in an urban park of Mexico City. Wilson Journal of Ornithology, 2021, 132, .	0.1	0
72	Innate and learnt color preferences in the common green-eyed white butterfly (Leptophobia aripa): experimental evidence. PeerJ, 2021, 9, e12567.	0.9	0