Carlos M Herrera

List of Publications by Citations

204 papers	11,308 citations	59 h-index	98 g-index
213 ext. papers	12,617 ext. citations	3.9 avg, IF	6.91 L-index

#	Paper	IF	Citations
204	Recruitment of a Mast-Fruiting, Bird-Dispersed Tree: Bridging Frugivore Activity and Seedling Establishment. *Ecological Monographs*, **1994**, 64, 315-344	9	381
203	A Study of Avian Frugivores, Bird-Dispersed Plants, and Their Interaction in Mediterranean Scrublands. *Ecological Monographs*, **1984**, 54, 1-23	9	327
202	Annual variability in seed production by woody plants and the masting concept: reassessment of principles and relationship to pollination and seed dispersal. *American Naturalist*, **1998**, 152, 576-94	3.7	320
201	Components of Pollinator "Quality": Comparative Analysis of a Diverse Insect Assemblage. *Oikos*, **1987**, 50, 79	4	313
200	Variation in mutualisms: the spatiotemporal mosaic of a pollinator assemblage. *Biological Journal of the Linnean Society*, **1988**, 35, 95-125	1.9	313
199	Historical Effects and Sorting Processes as Explanations for Contemporary Ecological Patterns: Character Syndromes in Mediterranean Woody Plants. *American Naturalist*, **1992**, 140, 421-446	3.7	249
198	Vertebrate-Dispersed Plants of the Iberian Peninsula: A Study of Fruit Characteristics. *Ecological Monographs*, **1987**, 57, 305-331	9	239
197	Determinants of Plant-Animal Coevolution: The Case of Mutualistic Dispersal of Seeds by Vertebrates. *Oikos*, **1985**, 44, 132	4	224
196	Pollinator abundance, morphology, and flower visitation rate: analysis of the "quantity" component in a plant-pollinator system. *Oecologia*, **1989**, 80, 241-248	2.9	206
195	Defense of Ripe Fruit from Pests: Its Significance in Relation to Plant-Disperser Interactions. *American Naturalist*, **1982**, 120, 218-241	3.7	203
194	Selection on Floral Morphology and Environmental Determinants of Fecundity in a Hawk Moth-Pollinated Violet. *Ecological Monographs*, **1993**, 63, 251-275	9	196
193	LONG-TERM DYNAMICS OF MEDITERRANEAN FRUGIVOROUSBIRDS AND FLESHY FRUITS: A 12-YEAR STUDY. *Ecological Monographs*, **1998**, 68, 511-538	9	195
192	Epigenetic differentiation and relationship to adaptive genetic divergence in discrete populations of the violet Viola cazorlensis. *New Phytologist*, **2010**, 187, 867-76	9.8	187
191	Frugivory and Seed Dispersal by Carnivorous Mammals, and Associated Fruit Characteristics, in Undisturbed Mediterranean Habitats. *Oikos*, **1989**, 55, 250	4	183
190	Prunus mahaleb and Birds: The High-Efficiency Seed Dispersal System of a Temperate Fruiting Tree. *Ecological Monographs*, **1981**, 51, 203-218	9	176
189	Invisible floral larcenies: microbial communities degrade floral nectar of bumble bee-pollinated plants. *Ecology*, **2008**, 89, 2369-76	4.6	174
188	Yeasts in floral nectar: a quantitative survey. *Annals of Botany*, **2009**, 103, 1415-23	4.1	166

187	Dispersal systems in the Mediterranean: Ecological, Evolutionary, and Historical Determinants. *Annual Review of Ecology, Evolution, and Systematics*, **1995**, 26, 705-727		162
186	Interaction of pollinators and herbivores on plant fitness suggests a pathway for correlated evolution of mutualism- and antagonism-related traits. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 16823-8	11.5	156
185	Seasonal Variation in the Quality of Fruits and Diffuse Coevolution Between Plants and Avian Dispersers. *Ecology*, **1982**, 63, 773-785	4.6	154
184	Shuffling the offspring: Uncoupling and spatial discordance of multiple stages in vertebrate seed dispersal. *Ecoscience*, **1995**, 2, 230-237	1.1	153
183	Microclimate and Individual Variation in Pollinators: Flowering Plants are More than Their Flowers. *Ecology*, **1995**, 76, 1516-1524	4.6	135
182	Floral Traits and Plant Adaptation to Insect Pollinators: A Devil Advocate Approach **1996**, 65-87		126
181	Multiplicity in Unity **2009**,		124
180	Untangling individual variation in natural populations: ecological, genetic and epigenetic correlates of long-term inequality in herbivory. *Molecular Ecology*, **2011**, 20, 1675-88	5.7	121
179	Adaptation to Frugivory of Mediterranean Avian Seed Dispersers. *Ecology*, **1984**, 65, 609-617	4.6	115
178	Floral Biology, Microclimate, and Pollination by Ectothermic Bees in an Early-Blooming Herb. *Ecology*, **1995**, 76, 218-228	4.6	108
177	Floral integration, phenotypic covariance structure and pollinator variation in bumblebee-pollinated Helleborus foetidus. *Journal of Evolutionary Biology*, **2002**, 15, 108-121	2.3	106
176	Yeasts in nectar of an early-blooming herb: sought by bumble bees, detrimental to plant fecundity. *Ecology*, **2013**, 94, 273-9	4.6	105
175	Inhospitable sweetness: nectar filtering of pollinator-borne inocula leads to impoverished, phylogenetically clustered yeast communities. *Proceedings of the Royal Society B: Biological Sciences* , **2010**, 277, 747-54	4.4	105
174	Daily Patterns of Pollinator Activity, Differential Pollinating Effectiveness, and Floral Resource Availability, in a Summer-Flowering Mediterranean Shrub. *Oikos*, **1990**, 58, 277	4	104
173	MEASURING THE EFFECTS OF POLLINATORS AND HERBIVORES: EVIDENCE FOR NON-ADDITIVITY IN A PERENNIAL HERB. *Ecology*, **2000**, 81, 2170-2176	4.6	101
172	Species richness of yeast communities in floral nectar of southern Spanish plants. *Microbial Ecology*, **2011**, 61, 82-91	4.4	100
171	Zooming-in on floral nectar: a first exploration of nectar-associated bacteria in wild plant communities. *FEMS Microbiology Ecology*, **2012**, 80, 591-602	4.3	99
170	Dissecting Factors Responsible For Individual Variation in Plant Fecundity. *Ecology*, **1991**, 72, 1436-1448	4.6	97

169	Jack of all nectars, master of most: DNA methylation and the epigenetic basis of niche width in a flower-living yeast. *Molecular Ecology*, **2012**, 21, 2602-16	5.7	96
168	Geographical variation in diaspore traits of an ant-dispersed plant (Helleborus foetidus): are ant community composition and diaspore traits correlated?. *Journal of Ecology*, **2002**, 90, 446-455	6	96
167	FLOWER-TO-SEEDLING CONSEQUENCES OF DIFFERENT POLLINATION REGIMES IN AN INSECT-POLLINATED SHRUB. *Ecology*, **2000**, 81, 15-29	4.6	95
166	Seed Dispersal by Animals: A Role in Angiosperm Diversification?. *American Naturalist*, **1989**, 133, 309-323	3.7	90
165	Nectar yeasts warm the flowers of a winter-blooming plant. *Proceedings of the Royal Society B: Biological Sciences*, **2010**, 277, 1827-34	4.4	85
164	Plant generalization on pollinators: species property or local phenomenon?. *American Journal of Botany*, **2005**, 92, 13-20	2.7	85
163	Extreme intraplant variation in nectar sugar composition in an insect-pollinated perennial herb. *American Journal of Botany*, **2006**, 93, 575-81	2.7	83
162	Interspecific Variation in Fruit Shape: Allometry, Phylogeny, and Adaptation to Dispersal Agents. *Ecology*, **1992**, 73, 1832-1841	4.6	81
161	Nectar yeasts of two southern Spanish plants: the roles of immigration and physiological traits in community assembly. *FEMS Microbiology Ecology*, **2012**, 80, 281-93	4.3	80
160	Yeasts in floral nectar of some South African plants: Quantification and associations with pollinator type and sugar concentration. *South African Journal of Botany*, **2009**, 75, 798-806	2.9	74
159	Geographical variation in autonomous self-pollination levels unrelated to pollinator service in Helleborus foetidus (Ranunculaceae). *American Journal of Botany*, **2001**, 88, 1025-1032	2.7	72
158	Are Tropical Fruits More Rewarding to Dispersers Than Temperate Ones?. *American Naturalist*, **1981**, 118, 896-907	3.7	72
157	Epigenetic correlates of plant phenotypic plasticity: DNA methylation differs between prickly and nonprickly leaves in heterophyllousIlex aquifolium(Aquifoliaceae) trees. *Botanical Journal of the Linnean Society*, **2013**, 171, 441-452	2.2	70
156	Composition, richness and nonrandom assembly of culturable bacterial-microfungal communities in floral nectar of Mediterranean plants. *FEMS Microbiology Ecology*, **2013**, 83, 685-99	4.3	69
155	Seed dispersal and fitness determinants in wild rose: Combined effects of hawthorn, birds, mice, and browsing ungulates. *Oecologia*, **1984**, 63, 386-393	2.9	69
154	Global DNA cytosine methylation as an evolving trait: phylogenetic signal and correlated evolution with genome size in angiosperms. *Frontiers in Genetics*, **2015**, 6, 4	4.5	68
153	Extended phylogeny of Aquilegia: the biogeographical and ecological patterns of two simultaneous but contrasting radiations. *Plant Systematics and Evolution*, **2010**, 284, 171-185	1.3	65
152	Fruit Variation and Competition for Dispersers in Natural Populations of Smilax Aspera. *Oikos*, **1981** , 36, 51	4	65

151	Thermal Biology and Foraging Responses of Insect Pollinators to the Forest Floor Irradiance Mosaic. *Oikos*, **1997**, 78, 601	4	63
150	Pollinator foraging modifies nectar sugar composition in Helleborus foetidus (Ranunculaceae):An experimental test. *American Journal of Botany*, **2008**, 95, 315-20	2.7	62
149	The ant-pollination system of Cytinus hypocistis (Cytinaceae), a Mediterranean root holoparasite. *Annals of Botany*, **2009**, 103, 1065-75	4.1	60
148	Population-genomic approach reveals adaptive floral divergence in discrete populations of a hawk moth-pollinated violet. *Molecular Ecology*, **2008**, 17, 5378-90	5.7	60
147	Epigenetic variation predicts regional and local intraspecific functional diversity in a perennial herb. *Molecular Ecology*, **2014**, 23, 4926-38	5.7	59
146	Neither vegetative nor reproductive advantages account for high frequency of male-steriles in southern Spanish gynodioecious Daphne laureola (Thymelaeaceae). *American Journal of Botany*, **2001**, 88, 1016-1024	2.7	59
145	Geographical structuring of genetic diversity across the whole distribution range of Narcissus longispathus, a habitat-specialist, Mediterranean narrow endemic. *Annals of Botany*, **2008**, 102, 183-94	4.1	57
144	Micro-organisms behind the pollination scenes: microbial imprint on floral nectar sugar variation in a tropical plant community. *Annals of Botany*, **2012**, 110, 1173-83	4.1	56
143	The geographic mosaic in predispersal interactions and selection on Helleborus foetidus (Ranunculaceae). *Journal of Evolutionary Biology*, **2006**, 19, 21-34	2.3	56
142	Geographical variation in the potential of mice to constrain an ant-seed dispersal mutualism. *Oikos*, **2004**, 105, 181-191	4	56
141	Population-Level Estimates of Interannual Variability in Seed Production: What Do They Actually Tell Us?. *Oikos*, **1998**, 82, 612	4	56
140	Food-Niche and Trophic Relationships among European Owls. *Ornis Scandinavica*, **1976**, 7, 29		56
139	MSAP markers and global cytosine methylation in plants: a literature survey and comparative analysis for a wild-growing species. *Molecular Ecology Resources*, **2016**, 16, 80-90	8.4	55
138	Deconstructing a floral phenotype: do pollinators select for corolla integration in Lavandula latifolia?. *Journal of Evolutionary Biology*, **2001**, 14, 574-584	2.3	55
137	Censusing natural microgametophyte populations: variable spatial mosaics and extreme fine-graininess in winter-flowering Helleborus foetidus (Ranunculaceae). *American Journal of Botany*, **2002**, 89, 1570-8	2.7	54
136	Acinetobacter nectaris sp. nov. and Acinetobacter boissieri sp. nov., isolated from floral nectar of wild Mediterranean insect-pollinated plants. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 1532-1539	2.2	52
135	Variation in Herbivory within and among Plants of Daphne Laureola (Thymelaeaceae): Correlation with Plant Size and Architecture. *Journal of Ecology*, **1996**, 84, 495	6	52
134	Vertebrate-dispersed plants: why they don□ behave the way they should. *Tasks for Vegetation Science*, **1986**, 5-18	0.9	52

133	Adding a third dimension to the edge of a species' range: altitude and genetic structuring in mountainous landscapes. *Heredity*, **2008**, 100, 275-85	3.6	51
132	Microorganisms transported by ants induce changes in floral nectar composition of an ant-pollinated plant. *American Journal of Botany*, **2013**, 100, 792-800	2.7	47
131	Phylogenetic analysis of the angiosperm-floricolous insect-yeast association: have yeast and angiosperm lineages co-diversified?. *Molecular Phylogenetics and Evolution*, **2013**, 68, 161-75	4.1	47
130	THE FRUGIVOROUS DET OF BLACKCAP POPULATIONS SYLVIA ATRICAPILLA WINTERING IN SOUTHERN SPAIN. *Ibis*, **2008**, 123, 502-507	1.9	47
129	Intra-plant variation in nectar sugar composition in two Aquilegia species (Ranunculaceae): contrasting patterns under field and glasshouse conditions. *Annals of Botany*, **2007**, 99, 653-60	4.1	45
128	Relationships among nectar-dwelling yeasts, flowers and ants: patterns and incidence on nectar traits. *Oikos*, **2012**, 121, 1878-1888	4	44
127	Ecological Correlates of Residence and Non-Residence in a Mediterranean Passerine Bird Community. *Journal of Animal Ecology*, **1978**, 47, 871	4.7	44
126	Correlated evolution of fruit and leaf size in bird-dispersed plants: species-level variance in fruit traits explained a bit further?. *Oikos*, **2002**, 97, 426-432	4	41
125	Floral volatiles play a key role in specialized ant pollination. *Perspectives in Plant Ecology, Evolution and Systematics*, **2014**, 16, 32-42	3	40
124	Variation in DNA methylation transmissibility, genetic heterogeneity and fecundity-related traits in natural populations of the perennial herb Helleborus foetidus. *Molecular Ecology*, **2014**, 23, 1085-95	5.7	40
123	Post-floral perianth functionality: contribution of persistent sepals to seed development in Helleborus foetidus (Ranunculaceae). *American Journal of Botany*, **2005**, 92, 1486-91	2.7	40
122	Comparative spatial genetics and epigenetics of plant populations: heuristic value and a proof of concept. *Molecular Ecology*, **2016**, 25, 1653-64	5.7	40
121	The ecology of subindividual variability in plants: patterns, processes, and prospects. *Web Ecology*, **2017**, 17, 51-64	1.7	39
120	Herkogamy and mating patterns in the self-compatible daffodil Narcissus longispathus. *Annals of Botany*, **2005**, 95, 1105-11	4.1	38
119	Selective Pressures on Fruit Seediness: Differential Predation of Fly Larvae on the Fruits of Berberis Hispanica. *Oikos*, **1984**, 42, 166	4	38
118	Trophic Diversity of the Barn Owl Tyto alba in Continental Western Europe. *Ornis Scandinavica*, **1974**, 5, 181		38
117	A piece of the puzzle: a method for comparing pollination quality and quantity across multiple species and reproductive events. *New Phytologist*, **2012**, 193, 532-42	9.8	36
116	Intraplant variation in nectar traits in Helleborus foetidus (Ranunculaceae) as related to floral phase, environmental conditions and pollinator exposure. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2011**, 206, 668-675	1.9	36

115	Rosenbergiella australoborealis sp. nov., Rosenbergiella collisarenosi sp. nov. and Rosenbergiella epipactidis sp. nov., three novel bacterial species isolated from floral nectar. *Systematic and Applied Microbiology*, **2014**, 37, 402-11	4.2	35
114	Permanent genetic resources added to Molecular Ecology Resources Database 1 February 2013-31 March 2013. *Molecular Ecology Resources*, **2013**, 13, 760-2	8.4	35
113	Mating system, sex ratio, and persistence of females in the gynodioecious shrub Daphne laureola L. (Thymelaeaceae). *Heredity*, **2005**, 94, 37-43	3.6	35
112	Plant Size, Spacing Patterns, and Host-Plant Selection in Osyris Quadripartita, a Hemiparasitic Dioecious Shrub. *Journal of Ecology*, **1988**, 76, 995	6	35
111	Nectar thievery by ants from southern Spanish insect-pollinated flowers. *Insectes Sociaux*, **1984**, 31, 142-154	1.5	35
110	Endozoochory by beetles: a novel seed dispersal mechanism. *Annals of Botany*, **2011**, 107, 629-37	4.1	34
109	Ecological context of breeding system variation: sex, size and pollination in a (predominantly) gynodioecious shrub. *Annals of Botany*, **2007**, 100, 1547-56	4.1	34
108	Seasonal variation in leaf characteristics and food selectionby larval noctuids on an evergreen Mediterranean shrub. *Acta Oecologica*, **2000**, 21, 257-265	1.7	33
107	The Fruiting Ecology of Osyris Quadripartita: Individual Variation and Evolutionary Potential. *Ecology*, **1988**, 69, 233-249	4.6	33
106	Mating patterns and genetic diversity in the wild daffodil Narcissus longispathus (Amaryllidaceae). *Heredity*, **2004**, 92, 459-65	3.6	32
105	The adaptedness of the floral phenotype in a relict endemic, hawkmoth-pollinated violet. 1. Reproductive correlates of floral variation. *Biological Journal of the Linnean Society*, **1990**, 40, 263-274	1.9	32
104	Seasonality and life cycles of woody plant-feeding noctuid moths (Lepidoptera: Noctuidae) in Mediterranean habitats. *Ecological Entomology*, **1993**, 18, 259-269	2.1	31
103	Fruit food of Robins wintering in southern Spanish Mediterranean scrubland. *Bird Study*, **1981**, 28, 115-122	2.7	31
102	Regional and local variation in seedling emergence, mortality and recruitment of a perennial herb in Mediterranean mountain habitats. *Plant Ecology*, **2007**, 190, 109-121	1.7	30
101	Comparative floral and vegetative differentiation between two European Aquilegia taxa along a narrow contact zone. *Plant Systematics and Evolution*, **2006**, 262, 209-224	1.3	29
100	Topsoil properties and seedling recruitment in Lavandula latifolia: stage-dependence and spatial decoupling of influential parameters. *Oikos*, **2002**, 97, 260-270	4	29
99	Complex long-term dynamics of pollinator abundance in undisturbed Mediterranean montane habitats over two decades. *Ecological Monographs*, **2019**, 89, e01338	9	29
98	Permanent genetic resources added to molecular ecology resources database 1 October 2012-30 November 2012. *Molecular Ecology Resources*, **2013**, 13, 341-3	8.4	28

97	Quantifying the genetic component of phenotypic variation in unpedigreed wild plants: tailoring genomic scan for within-population use. *Molecular Ecology*, **2009**, 18, 2602-14	5.7	28
96	Lognormal distribution of individual lifetime fecundity: insights from a 23-year study. *Ecology*, **2010**, 91, 422-30	4.6	28
95	Distribution ecology of pollen tubes: fine-grained, labile spatial mosaics in southern Spanish Lamiaceae. *New Phytologist*, **2004**, 161, 473-484	9.8	28
94	Avian Interference of Insect Frugivory: An Exploration into the Plant-Bird-Fruit Pest Evolutionary Triad. *Oikos*, **1984**, 42, 203	4	28
93	Epigenetic differentiation persists after male gametogenesis in natural populations of the perennial herb Helleborus foetidus (Ranunculaceae). *PLoS ONE*, **2013**, 8, e70730	3.7	28
92	Continuous within-plant variation as a source of intraspecific functional diversity: Patterns, magnitude, and genetic correlates of leaf variability in Helleborus foetidus (Ranunculaceae). *American Journal of Botany*, **2015**, 102, 225-32	2.7	27
91	Vertebrate Frugivores and Their Interaction with Invertebrate Fruit Predators: Supporting Evidence from a Costa Rican Dry Forest. *Oikos*, **1989**, 54, 185	4	27
90	A trophic diversity index for presence-absence food data. *Oecologia*, **1976**, 25, 187-191	2.9	26
89	Presence of yeasts in floral nectar is consistent with the hypothesis of microbial-mediated signaling in plant-pollinator interactions. *Plant Signaling and Behavior*, **2009**, 4, 1102-4	2.5	25
88	Pre- and post-germination determinants of spatial variation in recruitment in the perennial herb Helleborus foetidus L. (Ranunculaceae). *Journal of Ecology*, **2005**, 93, 60-66	6	25
87	Plant traits, environmental factors, and pollinator visitation in winter-flowering Helleborus foetidus (Ranunculaceae). *Annals of Botany*, **2005**, 96, 845-52	4.1	25
86	INDIVIDUAL DIETARY DIFFERENCES ASSOCIATED WITH MORPHOLOGICAL VARIATION IN ROBINS ERITHACUS RUBECULA. *Ibis*, **2008**, 120, 542-545	1.9	24
85	The adaptedness of the floral phenotype in a relict endemic, hawkmoth-pollinated violet. 2. Patterns of variation among disjunct populations. *Biological Journal of the Linnean Society*, **1990**, 40, 275-291	1.9	24
84	Ecological Aspects of Heterospecific Flocks Formation in a Mediterranean Passerine Bird Community. *Oikos*, **1979**, 33, 85	4	24
83	Individual variation in size and fecundity is correlated with differences in global DNA cytosine methylation in the perennial herb Helleborus foetidus (Ranunculaceae). *American Journal of Botany*, **2014**, 101, 1309-13	2.7	23
82	Clonality, genetic diversity and support for the diversifying selection hypothesis in natural populations of a flower-living yeast. *Molecular Ecology*, **2011**, 20, 4395-407	5.7	23
81	Local adaptation of Ruellia nudiflora (Acanthaceae) to biotic counterparts: complex scenarios revealed when two herbivore guilds are considered. *Journal of Evolutionary Biology*, **2009**, 22, 2288-97	2.3	23
80	Genetic and epigenetic divergence between disturbed and undisturbed subpopulations of a Mediterranean shrub: a 20-year field experiment. *Ecology and Evolution*, **2016**, 6, 3832-3847	2.8	23

79	Gradual replacement of wild bees by honeybees in flowers of the Mediterranean Basin over the last 50 years. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20192657	4.4	22
78	Predation by the Barn Owl (Tyto alba) in Mediterranean Habitats of Chile, Spain and California: A Comparative Approach. *American Midland Naturalist*, **1982**, 107, 151	0.7	22
77	Population Genetics Methods Applied to a Species Delimitation Problem: Endemic Trumpet Daffodils (NarcissusSectionPseudonarcissi) from the Southern Iberian Peninsula. *International Journal of Plant Sciences*, **2014**, 175, 501-517	2.6	21
76	Patterns made of patterns: variation and covariation of leaf nutrient concentrations within and between populations of Prunus mahaleb. *New Phytologist*, **2001**, 150, 629-640	9.8	21
75	Inter- and Intraspecific Variation in Fruit Traits in Co-Occurring Vertebrate-Dispersed Plants. *International Journal of Plant Sciences*, **1994**, 155, 382-387	2.6	21
74	Nectar-living yeasts of a tropical host plant community: diversity and effects on community-wide floral nectar traits. *PeerJ*, **2017**, 5, e3517	3.1	20
73	Comparative epigenetic and genetic spatial structure of the perennial herb Helleborus foetidus: Isolation by environment, isolation by distance, and functional trait divergence. *American Journal of Botany*, **2017**, 104, 1195-1204	2.7	20
72	Activity pattern and thermal biology of a day-flying hawkmoth (Macroglossum stellatarum) under Mediterranean summer conditions. *Ecological Entomology*, **1992**, 17, 52-56	2.1	19
71	Aposematic Insects as Six-Legged Fruits: Incidental Short-Circuiting of Their Defense by Frugivorous Birds. *American Naturalist*, **1985**, 126, 286-293	3.7	19
70	Inter- and intra-floral heterogeneity of nectar production in Helleborus foetidus L. (Ranunculaceae). *Botanical Journal of the Linnean Society*, **1983**, 86, 253-260	2.2	19
69	Within-plant variation in seed size and inflorescence fecundity is associated with epigenetic mosaicism in the shrub Lavandula latifolia (Lamiaceae). *Annals of Botany*, **2018**, 121, 153-160	4.1	18
68	Metschnikowia proteae sp. nov., a nectarivorous insect-associated yeast species from Africa. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 2538-2545	2.2	18
67	Spatially inconsistent direct and indirect effects of herbivory on floral traits and pollination success in a tropical shrub. *Oikos*, **2010**, 119, 1344-1354	4	18
66	Variation in structural gender in the hermaphrodite Helleborus foetidus (Ranunculaceae): within- and among-population patterns. *Plant Systematics and Evolution*, **2003**, 241, 139-151	1.3	18
65	Developmental and spatial covariation of nutrients in growing leaves of Daphne laureola and their relationships with herbivory. *New Phytologist*, **2003**, 159, 645-656	9.8	18
64	The Annual Cycle of Osyris Quadripartita, A Hemiparasitic Dioecious Shrub of Mediterranean Scrublands. *Journal of Ecology*, **1984**, 72, 1065	6	18
63	Nonrandom genotype distribution among floral hosts contributes to local and regional genetic diversity in the nectar-living yeast Metschnikowia reukaufii. *FEMS Microbiology Ecology*, **2014**, 87, 568-75	4.3	17
62	Permanent genetic resources added to molecular ecology resources database 1 April 2013-31 May 2013. *Molecular Ecology Resources*, **2013**, 13, 966-8	8.4	17

61	Flowers as a reservoir of yeast diversity: description of Wickerhamiella nectarea f.a. sp. nov., and Wickerhamiella natalensis f.a. sp. nov. from South African flowers and pollinators, and transfer of related Candida species to the genus Wickerhamiella as new combinations. *FEMS Yeast Research*, **2017**, 17,	3.1	17
60	Influence of multiple factors on plant local adaptation: soil type and folivore effects in Ruellia nudiflora (Acanthaceae). *Evolutionary Ecology*, **2012**, 26, 545-558	1.8	17
59	Back-and-forth hermaphroditism: phylogenetic context of reproductive system evolution in subdioecious Daphne laureola. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 1680-92	3.8	17
58	BREEDING SYSTEMS AND DISPERSAL-RELATED MATERNAL REPRODUCTIVE EFFORT OF SOUTHERN SPANISH BIRD-DISPERSED PLANTS. *Evolution; International Journal of Organic Evolution* , **1982**, 36, 1299-1314	3.8	17
57	Multilocus sequence analysis of nectar pseudomonads reveals high genetic diversity and contrasting recombination patterns. *PLoS ONE*, **2013**, 8, e75797	3.7	17
56	Population growth of the floricolous yeast Metschnikowia reukaufii: effects of nectar host, yeast genotype, and host genotype interaction. *FEMS Microbiology Ecology*, **2014**, 88, 250-7	4.3	16
55	Long-Term Dynamics of Mediterranean Frugivorous Birds and Fleshy Fruits: A 12-Year Study. *Ecological Monographs*, **1998**, 68, 511	9	15
54	Habitat-Shaping, Host Plant Use by a Hemiparasitic Shrub, and the Importance of Gut Fellows. *Oikos* , **1988**, 51, 383	4	15
53	Species coexistence in simple microbial communities: unravelling the phenotypic landscape of co-occurring Metschnikowia species in floral nectar. *Environmental Microbiology*, **2016**, 18, 1850-62	5.2	15
52	Herkogamy and mate diversity in the wild daffodil Narcissus longispathus: beyond the selfing-outcrossing paradigm in the evolution of mixed mating. *Plant Biology*, **2012**, 14, 801-10	3.7	14
51	Exploring local borders of distribution in the shrub Daphne laureola: Individual and populations traits. *Acta Oecologica*, **2011**, 37, 269-276	1.7	14
50	Noncorrelated effects of seed predation and pollination on the perennial herb Ruellia nudiflora remain spatially consistent. *Biological Journal of the Linnean Society*, **2009**, 96, 800-807	1.9	14
49	Influence of elaiosome on postdispersal dynamics of an ant-dispersed plant. *Acta Oecologica*, **2009**, 35, 393-399	1.7	14
48	Subindividual variation and genetic versus environmental effects on seed traits in a European Aquilegia. *Botany*, **2008**, 86, 1125-1132	1.3	14
47	Site-specific features affect pollination success of a gynodioecious understory shrub in a gender-specific mode. *Ecoscience*, **2008**, 15, 358-365	1.1	14
46	INDIVIDUAL DIFFERENCES IN PROGENY VIABILITY IN LAVANDULA LATIFOLIA: A LONG-TERM FIELD STUDY. *Ecology*, **2000**, 81, 3036-3047	4.6	14
45	Nectar yeasts of the Metschnikowia clade are highly susceptible to azole antifungals widely used in medicine and agriculture. *FEMS Yeast Research*, **2016**, 16, fov115	3.1	13
44	Scavengers that fit beneath a microscope lens. *Ecology*, **2017**, 98, 2725-2726	4.6	12

43	Spatial and temporal distribution patterns of nectar-inhabiting yeasts: how different floral microenvironments arise in winter-blooming Helleborus foetidus. *Fungal Ecology*, **2014**, 11, 173-180	4.1	12
42	Flower traits, habitat, and phylogeny as predictors of pollinator service: a plant community perspective. *Ecological Monographs*, **2020**, 90, e01402	9	12
41	Metschnikowia drakensbergensis sp. nov. and Metschnikowia caudata sp. nov., endemic yeasts associated with Protea flowers in South Africa. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 3724-3732	2.2	11
40	Negative evidence of local adaptation to the establishment conditions in a perennial herb. *Plant Ecology*, **2012**, 213, 1555-1569	1.7	11
39	Breeding Systems and Dispersal-Related Maternal Reproductive Effort of Southern Spanish Bird-Dispersed Plants. *Evolution; International Journal of Organic Evolution*, **1982**, 36, 1299	3.8	11
38	Genetic structure of the shrub Daphne laureola across the Baetic Ranges, a Mediterranean glacial refugium and biodiversity hotspot. *Plant Biology*, **2012**, 14, 515-24	3.7	10
37	Tissue-Specific Response to Experimental Demethylation at Seed Germination in the Non-Model Herb Erodium cicutarium. *Epigenomes*, **2017**, 1, 16	2.3	10
36	Grass/Grazer Radiations: An Interpretation of Silica-Body Diversity. *Oikos*, **1985**, 45, 446	4	10
35	Pollination consequences of simulated intrafloral microbial warming in an early-blooming herb. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2017**, 232, 142-149	1.9	9
34	Year-to-year site constancy among three passerine species wintering at a Southern Spanish locality. *Ringing and Migration*, **1979**, 2, 160-160	0.4	9
33	NICHE-SHIFT IN THE GENUS PARUS IN SOUTHERN SPAIN. *Ibis*, **2008**, 120, 236-240	1.9	8
32	Comparative effects of two species of floricolous Metschnikowia yeasts on nectar. *Anales Del Jardin Botanico De Madrid*, **2015**, 72, e019	0.3	8
31	Geographic genetic structure of Iberian columbines (gen. Aquilegia). *Plant Systematics and Evolution*, **2017**, 303, 1145-1160	1.3	7
30	The impact of nectar chemical features on phenotypic variation in two related nectar yeasts. *FEMS Microbiology Ecology*, **2015**, 91,	4.3	7
29	Herbivory at marginal populations: Consequences for maternal fitness and vegetative differentiation. *Acta Oecologica*, **2013**, 49, 32-38	1.7	7
28	Predispersal reproductive biology of female Osyris quadripartita (Santalaceae), a hemiparasitic dioecious shrub of Mediterranean scrublands. *Botanical Journal of the Linnean Society*, **1985**, 90, 113-127	2.2	7
27	Genetic diversity, outcrossing rate, and demographic history along a climatic gradient in the ruderal plant Ruellia nudiflora (Acanthaceae). *Revista Mexicana De Biodiversidad*, **2015**, 86, 508-520	0.8	6
26	Transgenerational epigenetics: Inheritance of global cytosine methylation and methylation-related epigenetic markers in the shrub Lavandula latifolia. *American Journal of Botany*, **2018**, 105, 741-748	2.7	6

25	Interspecific variation across angiosperms in global DNA methylation: phylogeny, ecology and plant features in tropical and Mediterranean communities. *New Phytologist*, **2019**, 224, 949-960	9.8	6
24	Sex-specific phenotypic selection and geographic variation in gender divergence in a gynodioecious shrub. *Plant Biology*, **2015**, 17, 186-93	3.7	6
23	To be or not to be better pollinated: Differences between sex morphs in marginal gynodioecious populations. *American Journal of Botany*, **2016**, 103, 388-95	2.7	5
22	Development and characterization of microsatellite loci for the primrose Primula vulgaris and successful cross-amplification in the congeneric P. elatior and P. veris. *Conservation Genetics Resources*, **2014**, 6, 653	0.8	5
21	Disturbance-dependent spatial distribution of sexes in a gynodioecious understory shrub. *Basic and Applied Ecology*, **2012**, 13, 405-413	3.2	5
20	Complex implications around a simple trait: ecological context determines the fecundity effects of corolla marcescence. *American Journal of Botany*, **2011**, 98, 812-8	2.7	5
19	Nitrogen Assimilation Varies Among Clades of Nectar- and Insect-Associated Acinetobacters. *Microbial Ecology*, **2021**, 81, 990-1003	4.4	5
18	Comparative genetic and epigenetic diversity in pairs of sympatric, closely related plants with contrasting distribution ranges in south-eastern Iberian mountains. *AoB PLANTS*, **2020**, 12, plaa013	2.9	4
17	Marcescent corollas as functional structures: effects on the fecundity of two insect-pollinated plants. *Annals of Botany*, **2010**, 106, 659-62	4.1	4
16	Individual Differences in Progeny Viability in Lavandula Latifolia: A Long-Term Field Study. *Ecology*, **2000**, 81, 3036	4.6	4
15	Bumble Bees Feeding on Non-Plant Food Sources. *Bee World*, **1990**, 71, 67-69	1	4
14	The role of plant–pollinator interactions in structuring nectar microbial communities. *Journal of Ecology*, **2021**, 109, 3379-3395	6	4
13	Within-plant heterogeneity in fecundity and herbivory induced by localized DNA hypomethylation in the perennial herb Helleborus foetidus. *American Journal of Botany*, **2019**, 106, 798-806	2.7	3
12	A comment on García et al. (2005, 2007) and related papers on mating patterns and gene dispersal in Prunus mahaleb. *Molecular Ecology*, **2009**, 18, 4533-5; discussion 4536-40	5.7	3
11	Combination Rules among Western European Parus Species. *Ornis Scandinavica*, **1981**, 12, 140		3
10	REPLY TO BAWA. *Evolution; International Journal of Organic Evolution*, **1982**, 36, 1325-1326	3.8	3
9	Lifetime genealogical divergence within plants leads to epigenetic mosaicism in the shrub Lavandula latifolia (Lamiaceae). *New Phytologist*, **2021**, 231, 2065-2076	9.8	3
8	Some Comments on Stiles' Paper on Temperate Bird-Disseminated Fruits. *American Naturalist*, **1982** , 120, 819-822	3.7	2

7	Candida metrosideri pro tempore sp. nov. and Candida ohialehuae pro tempore sp. nov., two antifungal-resistant yeasts associated with Metrosideros polymorpha flowers in Hawaii. *PLoS ONE*, **2020**, 15, e0240093	3.7	2
6	Unclusterable, underdispersed arrangement of insect-pollinated plants in pollinator niche space. *Ecology*, **2021**, 102, e03327	4.6	2
5	Genomic scan as a tool for assessing the genetic component of phenotypic variance in wild populations. *Methods in Molecular Biology*, **2012**, 888, 315-29	1.4	1
4	Grasses, Grazers, Mutualism, and Coevolution: A Comment. *Oikos*, **1982**, 38, 254	4	1
3	Gradual replacement of wild bees by honeybees in flowers of the Mediterranean Basin over the last 50 years		1
2	Genetic admixture increases phenotypic diversity in the nectar yeast Metschnikowia reukaufii. *Fungal Ecology*, **2021**, 49, 101016	4.1	1
1	Rasgos gen□icos poblacionales aclaran el estatus taxon□hico del narciso de Villafuerte y respaldan su conservaci□ **2021**, 15-18		