Mary T K Arroyo

List of Publications by Year
in descending order

35 papers	2,377 citations	361413 20 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	3696 citing authors

#	Article	IF	Citations
1	Phylogenetic biome conservatism on a global scale. Nature, 2009, 458, 754-756.	27.8	588
2	Orchid phylogenomics and multiple drivers of their extraordinary diversification. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151553.	2.6	361
3	Wet and Wonderful: The World's Largest Wetlands Are Conservation Priorities. BioScience, 2009, 59, 39-51.	4.9	285
4	Integrating Ecology and Environmental Ethics: Earth Stewardship in the Southern End of the Americas. BioScience, 2012, 62, 226-236.	4.9	132
5	Orchid historical biogeography, diversification, Antarctica and the paradox of orchid dispersal. Journal of Biogeography, 2016, 43, 1905-1916.	3.0	127
6	Ancestral reconstruction of flower morphology and pollination systems in Schizanthus (Solanaceae). American Journal of Botany, 2006, 93, 1029-1038.	1.7	97
7	Fire and Plant Diversification in Mediterranean-Climate Regions. Frontiers in Plant Science, 2018, 9, 851.	3.6	81
8	Bottom-up effects of nutrient availability on flower production, pollinator visitation, and seed output in a high-Andean shrub. Oecologia, 2005, 143, 126-135.	2.0	68
9	Evolutionary lag times and recent origin of the biota of an ancient desert (Atacamaâ€“Sechura). Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11469-11474.	7.1	66
10	Temperatureâ€driven flower longevity in a highâ€alpine species of <scp>O</scp>xalis influences reproductive assurance. New Phytologist, 2013, 200, 1260-1268.	7.3	50
11	Evolutionary persistence inGunneraand the contribution of southern plant groups to the tropical Andes biodiversity hotspot. PeerJ, 2018, 6, e4388.	2.0	47
12	Negative impacts of a vertebrate predator on insect pollinator visitation and seed output in Chuquiraga oppositifolia, a high Andean shrub. Oecologia, 2004, 138, 66-73.	2.0	46
13	Phylogeny of Chaetanthera (Asteraceae: Mutisieae) reveals both ancient and recent origins of the high elevation lineages. Molecular Phylogenetics and Evolution, 2006, 41, 594-605.	2.7	44
14	Evolution of autonomous selfing accompanies increased specialization in the pollination system of Schizanthus (Solanaceae). American Journal of Botany, 2009, 96, 1168-1176.	1.7	44
15	Phylogeny and diversification of Valerianaceae (Dipsacales) in the southern Andes. Molecular Phylogenetics and Evolution, 2012, 63, 724-737.	2.7	44
16	Phylogenetic perspectives on biome shifts in <scp>L</scp>eucocoryne (<scp>A</scp>lliaceae) in relation to climatic niche evolution in western <scp>S</scp>outh <scp>A</scp>merica. Journal of Biogeography, 2014, 41, 328-338.	3.0	33
17	Pollen Limitation and Spatial Variation of Reproductive Success in the Insect-pollinated Shrub Chuquiraga Oppositifolia (Asteraceae) in the Chilean Andes. Arctic, Antarctic, and Alpine Research, 2006, 38, 608-613.	1.1	31
18	Phylogenetics and predictive distribution modeling provide insights into the geographic divergence of Eriosyce subgen. Neoporteria (Cactaceae). Plant Systematics and Evolution, 2011, 297, 113-128.	0.9	27

#	Article	IF	Citations
19	Nonâ€congruent fossil and phylogenetic evidence on the evolution of climatic niche in the Gondwana genus Nothofagus. Journal of Biogeography, 2016, 43, 555-567.	3.0	25
20	Phylogeny and evolution of Perezia (Asteraceae: Mutisieae: Nassauviinae). Journal of Systematics and Evolution, 2009, 47, 431-443.	3.1	23
21	Consecuencias de las variaciones microclimÃ¡ticas sobre la visita de insectos polinizadores en dos especies de Chaetanthera (Asteraceae) en los Andes de Chile central. Revista Chilena De Historia Natural, 2007, 80, .	1.2	19
22	Phenological and morphological differentiation in annual Chaetanthera moenchioides (Asteraceae) over an aridity gradient. Plant Systematics and Evolution, 2009, 278, 159-167.	0.9	17
23	Display Size Preferences and Foraging Habits of High Andean Butterflies PollinatingChaetanthera lycopodioides(Asteraceae) in the Subnival of the Central Chilean Andes. Arctic, Antarctic, and Alpine Research, 2007, 39, 347-352.	1.1	16
24	Functional role of long-lived flowers in preventing pollen limitation in a high elevation outcrossing species. AoB PLANTS, 2017, 9, plx050.	2.3	15
25	Comparisons of breeding systems between two sympatric species, Nastanthus spathulatus (Calyceraceae) and Rhodophiala rhodolirion (Amaryllidaceae), in the high Andes of central Chile. Plant Species Biology, 2009, 24, 2-10.	1.0	14
26	Extreme Drought Affects Visitation and Seed Set in a Plant Species in the Central Chilean Andes Heavily Dependent on Hummingbird Pollination. Plants, 2020, 9, 1553.	3.5	14
27	Plastic Responses Contribute to Explaining Altitudinal and Temporal Variation in Potential Flower Longevity in High Andean Rhodolirion montanum. PLoS ONE, 2016, 11, e0166350.	2.5	14
28	Phylogenetic reconstruction of the South American genus Leucheria Lag. (Asteraceae, Nassauvieae) based on nuclear and chloroplast DNA sequences. Plant Systematics and Evolution, 2017, 303, 221-232.	0.9	12
29	Floral allocation at different altitudes in highly autogamous alpine Chaetanthera euphrasioides (Asteraceae) in the central Chilean Andes. Alpine Botany, 2013, 123, 7-12.	2.4	9
30	Incomplete trimorphic incompatibility expression in Oxalis compacta Gill. ex Hook. et Arn. subsp. compacta in the central Chilean Andes. Gayana - Botanica, 2012, 69, 88-99.	0.2	9
31	Flowering Phenology Adjustment and Flower Longevity in a South American Alpine Species. Plants, 2021, 10, 461.	3.5	7
32	Phylogenetic reconstruction of the genus Triptilion (Asteraceae, Nassauvieae) based on nuclear and chloroplast DNA sequences. Journal of Systematics and Evolution, 2018, 56, 120-128.	3.1	6
33	Ovule betâ€hedging at high elevation in the South American Andes: Evidence from a phylogenetically controlled multispecies study. Journal of Ecology, 2019, 107, 668-683.	4.0	3
34	Niches and climate-change refugia in hundreds of species from one of the most arid places on Earth. PeerJ, 2019, 7, e7409.	2.0	3
35	Pollination-associated shortening of the functional flower lifespan in an alpine species ofÂAlstroemeria and the water content of flowers. Alpine Botany, 0, , 1.	2.4	0