Felipe Zapata

List of Publications by Year
in descending order

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34 papers	1,592 citations	471509 17 h-index	414414 32 g-index
44 all docs	44 docs citations	44 times ranked	2674 citing authors

#	Article	IF	Citations
1	Evolution of Gene Expression across Species and Specialized Zooids in Siphonophora. Molecular Biology and Evolution, 2022, 39, .	8.9	14
2	Monographs as a nexus for building extended specimen networks using persistent identifiers. , 2022, 1, .		2
3	Phylogenetic inference of where species spread or split across barriers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116948119.	7.1	12
4	Fast Likelihood Calculations for Automatic Identification of Macroevolutionary Rate Heterogeneity in Continuous and Discrete Traits. Systematic Biology, 2022, 71, 1307-1318.	5.6	0
5	Revising transcriptome assemblies with phylogenetic information. PLoS ONE, 2021, 16, e0244202.	2.5	11
6	Diversification, disparification and hybridization in the desert shrubs Encelia. New Phytologist, 2021, 230, 1228-1241.	7.3	10
7	The genomic revolution and species delimitation in birds (and other organisms): Why phenotypes should not be overlooked. Auk, 2021, 138, .	1.4	23
8	Relict inland mangrove ecosystem reveals Last Interglacial sea levels. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
9	An integrative genomic and phenomic analysis to investigate the nature of plant species in Escallonia (Escalloniaceae). Scientific Reports, 2021, 11, 24013.	3.3	3
10	Plant science decadal vision 2020â€“2030: Reimagining the potential of plants for a healthy and sustainable future. Plant Direct, 2020, 4, e00252.	1.9	26
11	Natural selection maintains species despite frequent hybridization in the desert shrub Encelia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33373-33383.	7.1	21
12	A new species of Escallonia (Escalloniaceae) from the inter-Andean tropical dry forests of Bolivia. PeerJ, 2019, 7, e6328.	2.0	1
13	Pairwise comparisons across species are problematic when analyzing functional genomic data. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E409-E417.	7.1	77
14	Issues and Perspectives in Species Delimitation using Phenotypic Data: Atlantean Evolution in Darwinâ€™s Finches. Systematic Biology, 2018, 67, 181-194.	5.6	48
15	Improved phylogenetic resolution within Siphonophora (Cnidaria) with implications for trait evolution. Molecular Phylogenetics and Evolution, 2018, 127, 823-833.	2.7	25
16	An Integrated Perspective on Phylogenetic Workflows. Trends in Ecology and Evolution, 2016, 31, 116-126.	8.7	16
17	Phylogenomic Analyses Support Traditional Relationships within Cnidaria. PLoS ONE, 2015, 10, e0139068.	2.5	191
18	Stem cells in Nanomia bijuga (Siphonophora), a colonial animal with localized growth zones. EvoDevo, 2015, 6, 22.	3.2	14

#	Article	IF	Citations
19	Correction to Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142941.	2.6	3
20	To move or to evolve: contrasting patterns of intercontinental connectivity and climatic niche evolution in Ã¢â‚¬Å“TerebinthaceaeÃ¢â‚¬Â•(Anacardiaceae and Burseraceae). Frontiers in Genetics, 2014, 5, 409.	2.3	75
21	INVESTIGATING PROCESSES OF NEOTROPICAL RAIN FOREST TREE DIVERSIFICATION BY EXAMINING THE EVOLUTION AND HISTORICAL BIOGEOGRAPHY OF THE PROTIEAE (BURSERACEAE). Evolution; International Journal of Organic Evolution, 2014, 68, 1988-2004.	2.3	98
22	Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141739.	2.6	144
23	Bayesian Genome Assembly and Assessment by Markov Chain Monte Carlo Sampling. PLoS ONE, 2014, 9, e99497.	2.5	7
24	The importance of environmental heterogeneity and spatial distance in generating phylogeographic structure in edaphic specialist and generalist tree species of Protium (Burseraceae) across the Amazon Basin. Journal of Biogeography, 2013, 40, 646-661.	3.0	38
25	Phylogenetics ofEscallonia(Escalloniaceae) based on plastid DNA sequence data. Botanical Journal of the Linnean Society, 2013, 173, 442-451.	1.6	18
26	Toward a statistically explicit understanding of de novo sequence assembly. Bioinformatics, 2013, 29, 2959-2963.	4.1	22
27	Agalma: an automated phylogenomics workflow. BMC Bioinformatics, 2013, 14, 330.	2.6	144
28	A multilocus phylogenetic analysis of Escallonia (Escalloniaceae): Diversification in montane South America. American Journal of Botany, 2013, 100, 526-545.	1.7	17
29	Diversification of the monoterpene synthase gene family (TPSb) in Protium, a highly diverse genus of tropical trees. Molecular Phylogenetics and Evolution, 2013, 68, 432-442.	2.7	13
30	Species Delimitation: Inferring Gaps in Morphology across Geography. Systematic Biology, 2012, 61, 179.	5.6	70
31	The Plant Ontology Database: a community resource for plant structure and developmental stages controlled vocabulary and annotations. Nucleic Acids Research, 2008, 36, D449-D454.	14.5	135
32	The Plant Structure Ontology, a Unified Vocabulary of Anatomy and Morphology of a Flowering Plant. Plant Physiology, 2007, 143, 587-599.	4.8	91
33	Whole-Plant Growth Stage Ontology for Angiosperms and Its Application in Plant Biology. Plant Physiology, 2006, 142, 414-428.	4.8	56
34	Plant Ontology (PO): a Controlled Vocabulary of Plant Structures and Growth Stages. Comparative and Functional Genomics, 2005, 6, 388-397.	2.0	129