

# Loreta B Freitas

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

653  
citations

623188

14  
h-index

610482

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversification in the South American Pampas: the genetic and morphological variation of the widespread <i>Petunia axillaris</i> complex ( <i>Solanaceae</i> ). <i>Molecular Ecology</i> , 2014, 23, 374-389.	2.0	54
2	High levels of genetic diversity and population structure in an endemic and rare species: implications for conservation. <i>AoB PLANTS</i> , 2016, 8, .	1.2	52
3	Could refuge theory and rivers acting as barriers explain the genetic variability distribution in the Atlantic Forest?. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 242-251.	1.2	49
4	Genetic differentiation and hybrid identification using microsatellite markers in closely related wild species. <i>AoB PLANTS</i> , 2015, 7, plv084.	1.2	47
5	Environmental drivers of diversity in Subtropical Highland Grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 360-368.	1.1	47
6	Pollen dispersal and breeding structure in a hawkmoth-pollinated Pampa grasslands species <i>Petunia axillaris</i> ( <i>Solanaceae</i> ). <i>Annals of Botany</i> , 2015, 115, 939-948.	1.4	37
7	Geological and climatic changes in quaternary shaped the evolutionary history of <i>Calibrachoa heterophylla</i> , an endemic South-Atlantic species of petunia. <i>BMC Evolutionary Biology</i> , 2013, 13, 178.	3.2	35
8	Phylogeography of the <i>Petunia integrifolia</i> complex in southern Brazil. <i>Botanical Journal of the Linnean Society</i> , 2014, 174, 199-213.	0.8	34
9	Were sea level changes during the Pleistocene in the South Atlantic Coastal Plain a driver of speciation in <i>Petunia</i> ( <i>Solanaceae</i> )?. <i>BMC Evolutionary Biology</i> , 2015, 15, 92.	3.2	33
10	Multiple markers, niche modelling, and bioregions analyses to evaluate the genetic diversity of a plant species complex. <i>BMC Evolutionary Biology</i> , 2017, 17, 234.	3.2	22
11	Stepwise evolution of floral pigmentation predicted by biochemical pathway structure. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2792-2802.	1.1	22
12	Biogeographical, ecological, and phylogenetic analyses clarifying the evolutionary history of <i>Calibrachoa</i> in South American grasslands. <i>Molecular Phylogenetics and Evolution</i> , 2019, 141, 106614.	1.2	20
13	From inland to the coast: Spatial and environmental signatures on the genetic diversity in the colonization of the South Atlantic Coastal Plain. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017, 28, 47-57.	1.1	18
14	Do we truly understand pollination syndromes in <i>Petunia</i> as much as we suppose?. <i>AoB PLANTS</i> , 2018, 10, ply057.	1.2	18
15	Morphological characterization of sympatric and allopatric populations of <i>Petunia axillaris</i> and <i>P. exserta</i> ( <i>Solanaceae</i> ). <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 550-567.	0.8	14
16	Re-evaluation of the generic status of <i>Athenaea</i> and <i>Aureliana</i> ( <i>Withaniinae</i> , <i>Solanaceae</i> ) based on molecular phylogeny and morphology of the calyx. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 322-334.	0.8	12
17	How diverse can rare species be on the margins of genera distribution?. <i>AoB PLANTS</i> , 2019, 11, plz037.	1.2	12
18	Novel Transposable Elements in <i>Solanaceae</i> : Evolutionary Relationships among Tnt1-related Sequences in Wild <i>Petunia</i> Species. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 142-152.	1.0	11

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19	Effects of past climate on <i>Passiflora actinia</i> (Passifloraceae) populations and insights into future species management in the Brazilian Atlantic forest. <i>Botanical Journal of the Linnean Society</i> , 2016, 180, 348-364.	0.8	11
20	Genetic diversity and population structure of naturally rare <i>Calibrachoa</i> species with small distribution in southern Brazil. <i>Genetics and Molecular Biology</i> , 2019, 42, 108-119.	0.6	11
21	Molecular evolution analysis of WUSCHEL-related homeobox transcription factor family reveals functional divergence among clades in the homeobox region. <i>Development Genes and Evolution</i> , 2016, 226, 259-268.	0.4	10
22	Changes in floral shape: insights into the evolution of wild <i>Nicotiana</i> (Solanaceae). <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 267-285.	0.8	10
23	Neutral and adaptive genomic variation in hybrid zones of two ecologically diverged <i>Petunia</i> species (Solanaceae). <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 100-122.	0.8	10
24	Morphological and genetic characterization in putative hybrid zones of <i>Petunia axillaris</i> subsp. <i>axillaris</i> and subsp. <i>parodii</i> (Solanaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 353-364.	0.8	9
25	Ecological drivers of plant genetic diversity at the southern edge of geographical distributions: Forestal vines in a temperate region. <i>Genetics and Molecular Biology</i> , 2018, 41, 318-326.	0.6	8
26	Secondary structure of nrDNA Internal Transcribed Spacers as a useful tool to align highly divergent species in phylogenetic studies. <i>Genetics and Molecular Biology</i> , 2017, 40, 191-199.	0.6	7
27	So close, so far: spatial genetic structure and mating system in <i>Petunia exserta</i> , an endemic from a peculiar landscape in the Brazilian Pampa grasslands. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 412-427.	0.8	7
28	Genetic diversity in micro-endemic plants from highland grasslands in southern Brazil. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 235-251.	0.8	6
29	Landscape and climatic features drive genetic differentiation processes in a South American coastal plant. <i>Bmc Ecology and Evolution</i> , 2021, 21, 196.	0.7	6
30	Novel Microsatellites for <i>Calibrachoa heterophylla</i> (Solanaceae) Endemic to the South Atlantic Coastal Plain of South America. <i>Applications in Plant Sciences</i> , 2015, 3, 1500021.	0.8	5
31	A perspective on the centre-periphery hypothesis: some examples in <i>Petunia</i> and other Neotropical taxa. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 228-234.	0.8	5
32	Genetic variability and population structure of <i>Passiflora contracta</i> , a bat-pollinated species from a fragmented rainforest. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 247-258.	0.8	4
33	When phylogeography meets niche suitability to unravel the evolutionary history of a shrub from the Brazilian Atlantic Forest. <i>Botanical Journal of the Linnean Society</i> , 2021, 195, 77-92.	0.8	3
34	Neutral and outlier single nucleotide polymorphisms disentangle the evolutionary history of a coastal Solanaceae species. <i>Molecular Ecology</i> , 2022, 31, 2847-2864.	2.0	3
35	Development of Microsatellites for <i>Verbenoxylum reitzii</i> (Verbenaceae), a Tree Endemic to the Brazilian Atlantic Forest. <i>Applications in Plant Sciences</i> , 2013, 1, 1300005.	0.8	1