Isabel Sanmartin

List of Publications by Year
in descending order

79 papers	9,140 citations	101384 36 h-index	64668 79 g-index
86 all docs	86 docs citations	86 times ranked	10392 citing authors

#	Article	IF	Citations
1	Amazonia Through Time: Andean Uplift, Climate Change, Landscape Evolution, and Biodiversity. Science, 2010, 330, 927-931.	6.0	1,826
2	Southern Hemisphere Biogeography Inferred by Event-Based Models: Plant versus Animal Patterns. Systematic Biology, 2004, 53, 216-243.	2.7	796
3	Tracing the impact of the Andean uplift on Neotropical plant evolution. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9749-9754.	3.3	550
4	Conceptual and statistical problems with the <scp>DEC</scp>+J model of founderâ€event speciation and its comparison with <scp>DEC</scp> via model selection. Journal of Biogeography, 2018, 45, 741-749.	1.4	471
5	Why are there so many plant species in the Neotropics?. Taxon, 2011, 60, 403-414.	0.4	438
6	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. Nature, 2021, 595, 707-712.	13.7	363
7	Islands as model systems in ecology and evolution: prospects fifty years after MacArthurâ€Wilson. Ecology Letters, 2015, 18, 200-217.	3.0	356
8	Accounting for Phylogenetic Uncertainty in Biogeography: A Bayesian Approach to Dispersal-Vicariance Analysis of the Thrushes (Aves: Turdus). Systematic Biology, 2008, 57, 257-268.	2.7	336
9	Patterns of animal dispersal, vicariance and diversification in the Holarctic. Biological Journal of the Linnean Society, 2001, 73, 345-390.	0.7	326
10	Patterns of animal dispersal, vicariance and diversification in the Holarctic. Biological Journal of the Linnean Society, 2001, 73, 345-390.	0.7	258
11	Phylogenetic Methods in Biogeography. Annual Review of Ecology, Evolution, and Systematics, 2011, 42, 441-464.	3.8	222
12	Inferring dispersal: a Bayesian approach to phylogenyâ€based island biogeography, with special reference to the Canary Islands. Journal of Biogeography, 2008, 35, 428-449.	1.4	208
13	Dispersal vs. vicariance in the Mediterranean: historical biogeography of the Palearctic Pachydeminae (Coleoptera, Scarabaeoidea). Journal of Biogeography, 2003, 30, 1883-1897.	1.4	180
14	An evaluation of new parsimony-based versus parametric inference methods in biogeography: a case study using the globally distributed plant family Sapindaceae. Journal of Biogeography, 2011, 38, 531-550.	1.4	171
15	Prospects and challenges for parametric models in historical biogeographical inference. Journal of Biogeography, 2009, 36, 1211-1220.	1.4	164
16	Bridging the microâ€•and macroevolutionary levels in phylogenomics: Hybâ€Seq solves relationships from populations to species and above. New Phytologist, 2018, 220, 636-650.	3.5	152
17	West Wind Drift revisited: testing for directional dispersal in the Southern Hemisphere using event-based tree fitting. Journal of Biogeography, 2007, 34, 398-416.	1.4	138
18	Reconstructing the evolution and biogeographic history of tribe Cardueae (Compositae). American Journal of Botany, 2013, 100, 867-882.	0.8	137

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19	Plastid and nuclear DNA markers reveal intricate relationships at subfamilial and tribal levels in the soapberry family (Sapindaceae). Molecular Phylogenetics and Evolution, 2009, 51, 238-258.	1.2	131
20	Integrating Fossils, Phylogenies, and Niche Models into Biogeography to Reveal Ancient Evolutionary History: The Case of Hypericum (Hypericaceae). Systematic Biology, 2015, 64, 215-232.	2.7	111
21	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
22	Mass Extinction, Gradual Cooling, or Rapid Radiation? Reconstructing the Spatiotemporal Evolution of the Ancient Angiosperm Genus Hedyosmum (Chloranthaceae) Using Empirical and Simulated Approaches. Systematic Biology, 2011, 60, 596-615.	2.7	99
23	Late Cretaceousâ€“Early Eocene origin of yams (<i>Dioscorea</i>, Dioscoreaceae) in the Laurasian Palaearctic and their subsequent Oligoceneâ€“Miocene diversification. Journal of Biogeography, 2016, 43, 750-762.	1.4	93
24	Living on the edge: timing of Rand Flora disjunctions congruent with ongoing aridification in Africa. Frontiers in Genetics, 2015, 6, 154.	1.1	90
25	Bayesian island biogeography in a continental setting: the Rand Flora case. Biology Letters, 2010, 6, 703-707.	1.0	88
26	Reconstructing the history of Campanulaceae with a Bayesian approach to molecular dating and dispersalâ€“vicariance analyses. Molecular Phylogenetics and Evolution, 2009, 52, 575-587.	1.2	84
27	Testing the Role of the Red Queen and Court Jester as Drivers of the Macroevolution of Apollo Butterflies. Systematic Biology, 2018, 67, 940-964.	2.7	83
28	Bayesian inference of phylogeny, morphology and range evolution reveals a complex evolutionary history in St. Johnâ€™s wort (Hypericum). Molecular Phylogenetics and Evolution, 2013, 67, 379-403.	1.2	68
29	Historical Biogeography: Evolution in Time and Space. Evolution: Education and Outreach, 2012, 5, 555-568.	0.3	66
30	Extinction in Phylogenetics and Biogeography: From Timetrees to Patterns of Biotic Assemblage. Frontiers in Genetics, 2016, 7, 35.	1.1	63
31	Ancient vicariance and climateâ€driven extinction explain continentalâ€wide disjunctions in Africa: the case of the Rand Flora genus <i>Canarina</i> (Campanulaceae). Molecular Ecology, 2015, 24, 1335-1354.	2.0	58
32	Geographic barriers and Pleistocene climate change shaped patterns of genetic variation in the Eastern Afromontane biodiversity hotspot. Scientific Reports, 2017, 7, 45749.	1.6	58
33	Palaeoâ€islands as refugia and sources of genetic diversity within volcanic archipelagos: the case of the widespread endemic <i><scp>C</scp>anarina canariensis</i> (<scp>C</scp>ampanulaceae). Molecular Ecology, 2015, 24, 3944-3963.	2.0	50
34	The explosive radiation of Cheirolophus (Asteraceae, Cardueae) in Macaronesia. BMC Evolutionary Biology, 2014, 14, 118.	3.2	47
35	Contrasting patterns of diversification between Amazonian and Atlantic forest clades of Neotropical lianas (Amphilophium, Bignonieae) inferred from plastid genomic data. Molecular Phylogenetics and Evolution, 2019, 133, 92-106.	1.2	43
36	Reconstructing deepâ€time palaeoclimate legacies in the clusioid Malpighiales unveils their role in the evolution and extinction of the boreotropical flora. Global Ecology and Biogeography, 2018, 27, 616-628.	2.7	41

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37	Biogeographic patterns of the East African coastal forest vertebrate fauna. Biodiversity and Conservation, 2007, 16, 883-912.	1.2	39
38	Mediterranean origin and Mioceneâ€“Holocene Old World diversification of meadow fescues and ryegrasses (<i>Festuca</i> subgenus <i>Schedonorus</i> and <i>Lolium</i>). Journal of Biogeography, 2014, 41, 600-614.	1.4	35
39	Lineageâ€specific climatic niche drives the tempo of vicariance in the Rand Flora. Journal of Biogeography, 2017, 44, 911-923.	1.4	35
40	Colonization time on island settings: lessons from the Hawaiian and Canary Island floras. Botanical Journal of the Linnean Society, 2019, 191, 155-163.	0.8	35
41	The first wave of the COVID-19 epidemic in Spain was associated with early introductions and fast spread of a dominating genetic variant. Nature Genetics, 2021, 53, 1405-1414.	9.4	35
42	Long-term isolation of European steppe outposts boosts the biomeâ€™s conservation value. Nature Communications, 2020, 11, 1968.	5.8	34
43	Evaluating character partitioning and molecular models in plastid phylogenomics at low taxonomic levels: A case study using <i>Amphilophium</i> (Bignonieae, Bignoniaceae). Journal of Systematics and Evolution, 2020, 58, 1071-1089.	1.6	29
44	DEEP UNDER THE SEA: UNRAVELING THE EVOLUTIONARY HISTORY OF THE DEEP-SEA SQUAT LOBSTER PARAMUNIDA (DECAPODA, MUNIDIDAE). Evolution; International Journal of Organic Evolution, 2012, 66, 1878-1896.	1.1	28
45	High extinction rates and non-adaptive radiation explains patterns of low diversity and extreme morphological disparity in North American blister beetles (Coleoptera, Meloidae). Molecular Phylogenetics and Evolution, 2019, 130, 156-168.	1.2	27
46	First phylogenetic analysis of the subfamily Pachydeminae (Coleoptera, Scarabaeoidea, Melolonthidae): the Palearctic Pachydeminae*. Journal of Zoological Systematics and Evolutionary Research, 2003, 41, 2-46.	0.6	26
47	Mediterranean diversification of the grassâ€feeding Anisopliinaâ€ƒbeetles (Scarabaeidae, Rutelinae,) Tj ETQq1 1 0.784314 rgBT /Overlo 2009, 36, 546-560.	1.4	26
48	Bipolar distributions in vascular plants: A review. American Journal of Botany, 2017, 104, 1680-1694.	0.8	26
49	Bayesian spatioâ€temporal reconstruction reveals rapid diversification and Pleistocene range expansion in the widespread columnar cactusPilosocereus. Journal of Biogeography, 2018, 46, 238.	1.4	25
50	Origins of Biodiversityâ€"Response. Science, 2011, 331, 399-400.	6.0	23
51	Morphological Innovations and Vast Extensions of Mountain Habitats Triggered Rapid Diversification Within the Species-Rich Irano-Turanian Genus Acantholimon (Plumbaginaceae). Frontiers in Genetics, 2018, 9, 698.	1.1	22
52	A tale of two forests: ongoing aridification drives population decline and genetic diversity loss at continental scale in Afro-Macaronesian evergreen-forest archipelago endemics. Annals of Botany, 2018, 122, 1005-1017.	1.4	21
53	Paleobiology of the genus <i>Hypericum</i> (Hypericaceae): a survey of the fossil record and its palaeogeographic implications. Anales Del Jardin Botanico De Madrid, 2012, 69, 97-106.	0.2	18
54	Northâ€west Africa as a source and refuge area of plant biodiversity: a case study on <i>Campanula kremeri</i> and <i>Campanula occidentalis</i>. Journal of Biogeography, 2017, 44, 2057-2068.	1.4	17

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55	Modelling the tempo and mode of lineage dispersal. Trends in Ecology and Evolution, 2021, 36, 1102-1112.	4.2	13
56	Exploring the power of Bayesian birthâ€death skyline models to detect mass extinction events from phylogenies with only extant taxa. Evolution; International Journal of Organic Evolution, 2019, 73, 1133-1150.	1.1	12
57	Ecological and geological processes impacting speciation modes drive the formation of wideâ€range disjunctions within tribe Putorieae (Rubiaceae). Journal of Systematics and Evolution, 2021, 59, 915-934.	1.6	12
58	Congruent evolutionary responses of European steppe biota to late Quaternary climate change. Nature Communications, 2022, 13, 1921.	5.8	11
59	Opposite trends in the genus Monsonia (Geraniaceae): specialization in the African deserts and range expansions throughout eastern Africa. Scientific Reports, 2017, 7, 9872.	1.6	10
60	Skipping the Dry Diagonal: spatio-temporal evolution of<i>Croton</i>section<i>Cleodora</i>(Euphorbiaceae) in the Neotropics. Botanical Journal of the Linnean Society, 2021, 197, 61-84.	0.8	10
61	More than one sweet tabaiba: Disentangling the systematics of the succulent dendroid shrub Euphorbia balsamifera. Journal of Systematics and Evolution, 2021, 59, 490-503.	1.6	9
62	A MORPHOMETRIC APPROACH TO THE TAXONOMY OF THE GENUS<i>CERAMIDA</i>(COLEOPTERA:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	8
63	Utility of low-copy nuclear markers in phylogenetic reconstruction of Hypericum L. (Hypericaceae). Plant Systematics and Evolution, 2014, 300, 1503-1514.	0.3	7
64	Performance comparison of two reduced-representation based genome-wide marker-discovery strategies in a multi-taxon phylogeographic framework. Scientific Reports, 2021, 11, 3978.	1.6	7
65	<i>Cyphoderia ampulla</i>(Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists. Molecular Ecology, 2022, 31, 2644-2663.	2.0	7
66	Rare and widespread: integrating Bayesian MCMC approaches, Sanger sequencing and Hybâ€Seq phylogenomics to reconstruct the origin of the enigmatic Rand Flora genus <i>Camptoloma</i>. American Journal of Botany, 2021, 108, 1673-1691.	0.8	6
67	EvoluciÃ³n biogeogrÃ¡fica de los Pachydeminae paleÃ¡rticos (Coleoptera, Scarabaeoidea) mediante anÃ¡lisis de dispersiÃ³n-vicarianza. Graellsia, 2003, 59, 427-441.	0.1	6
68	Biogeography: An Ecological and Evolutionary Approach, 7th edition. Systematic Biology, 2006, 55, 361-363.	2.7	5
69	Separation of Aspidiotes species using morphometric analysis (Coleoptera: Curculionidae). European Journal of Entomology, 2000, 97, 85-94.	1.2	5
70	Mitogenomics and hiddenâ€trait models reveal the role of phoresy and host shifts in the diversification of parasitoid blister beetles (Coleoptera: Meloidae). Molecular Ecology, 2022, 31, 2453-2474.	2.0	5
71	Further progress in historical biogeography. Australian Systematic Botany, 2017, 30, i.	0.3	4
72	Women in biogeography. Journal of Biogeography, 2021, 48, 2117-2120.	1.4	4

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73	Biology and larval morphology of the genus <i>Ceramida</i> Baraud (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.6	4
74	The late Pleistocene endemicity increase hypothesis and the origins of diversity in the Canary Islands Flora. Journal of Biogeography, 2022, 49, 1469-1480.	1.4	4
75	Evolutionary Biogeography: An Integrative Approach. Systematic Biology, 2010, 59, 486-488.	2.7	3
76	Shared patterns of spatial accumulation of lineages across terrestrial vertebrates. Journal of Biogeography, 2021, 48, 1811-1823.	1.4	3
77	Macroevolutionary dynamics in the transition of angiosperms to aquatic environments. New Phytologist, 2022, 235, 344-355.	3.5	3
78	A road map for phylogenetic models of species trees. Molecular Phylogenetics and Evolution, 2022, 173, 107483.	1.2	3
79	Biogeography Meets Niche Modeling: Inferring the Role of Deep Time Climate Change When Data Is Limited. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	2