Isabel Sanmartin

List of Publications by Year
in descending order

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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	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
2	Cyphoderia ampulla(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
3	Macroevolutionary dynamics in the transition of angiosperms to aquatic environments. New Phytologist, 2022, 235, 344-355.	3.5	3
4	Congruent evolutionary responses of European steppe biota to late Quaternary climate change. Nature Communications, 2022, 13, 1921.	5.8	11
5	A road map for phylogenetic models of species trees. Molecular Phylogenetics and Evolution, 2022, 173, 107483.	1.2	3
6	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
7	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
8	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
9	Skipping the Dry Diagonal: spatio-temporal evolution ofCrotonsectionCleodora(Euphorbiaceae) in the Neotropics. Botanical Journal of the Linnean Society, 2021, 197, 61-84.	0.8	10
10	Shared patterns of spatial accumulation of lineages across terrestrial vertebrates. Journal of Biogeography, 2021, 48, 1811-1823.	1.4	3
11	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. Nature, 2021, 595, 707-712.	13.7	363
12	Women in biogeography. Journal of Biogeography, 2021, 48, 2117-2120.	1.4	4
13	Modelling the tempo and mode of lineage dispersal. Trends in Ecology and Evolution, 2021, 36, 1102-1112.	4.2	13
14	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
15	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
16	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
17	Rare and widespread: integrating Bayesian MCMC approaches, Sanger sequencing and Hybâ€Seq phylogenomics to reconstruct the origin of the enigmatic Rand Flora genus Camptoloma. American Journal of Botany, 2021, 108, 1673-1691.	0.8	6
18	Long-term isolation of European steppe outposts boosts the biomeâ€™s conservation value. Nature Communications, 2020, 11, 1968.	5.8	34

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19	Evaluating character partitioning and molecular models in plastid phylogenomics at low taxonomic levels: A case study using Amphilophium (Bignonieae, Bignoniaceae). Journal of Systematics and Evolution, 2020, 58, 1071-1089.	1.6	29
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
32	Lineageâ€specific climatic niche drives the tempo of vicariance in the Rand Flora. Journal of Biogeography, 2017, 44, 911-923.	1.4	35
33	Northâ€west Africa as a source and refuge area of plant biodiversity: a case study on Campanula kremeri and Campanula occidentalis. Journal of Biogeography, 2017, 44, 2057-2068.	1.4	17
34	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
35	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
36	Bipolar distributions in vascular plants: A review. American Journal of Botany, 2017, 104, 1680-1694.	0.8	26

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37	Further progress in historical biogeography. Australian Systematic Botany, 2017, 30, i.	0.3	4
38	Extinction in Phylogenetics and Biogeography: From Timetrees to Patterns of Biotic Assemblage. Frontiers in Genetics, 2016, 7, 35.	1.1	63
39	Late Cretaceousâ€“Early Eocene origin of yams (Dioscorea, Dioscoreaceae) in the Laurasian Palaearctic and their subsequent Oligoceneâ€“Miocene diversification. Journal of Biogeography, 2016, 43, 750-762.	1.4	93
40	Palaeoâ€islands as refugia and sources of genetic diversity within volcanic archipelagos: the case of the widespread endemic <scp>C</scp>anarina canariensis (<scp>C</scp>ampanulaceae). Molecular Ecology, 2015, 24, 3944-3963.	2.0	50
41	Living on the edge: timing of Rand Flora disjunctions congruent with ongoing aridification in Africa. Frontiers in Genetics, 2015, 6, 154.	1.1	90
42	Islands as model systems in ecology and evolution: prospects fifty years after MacArthurâ€Wilson. Ecology Letters, 2015, 18, 200-217.	3.0	356
43	Ancient vicariance and climateâ€driven extinction explain continentalâ€wide disjunctions in Africa: the case of the Rand Flora genus Canarina (Campanulaceae). Molecular Ecology, 2015, 24, 1335-1354.	2.0	58
44	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
45	Utility of low-copy nuclear markers in phylogenetic reconstruction of Hypericum L. (Hypericaceae). Plant Systematics and Evolution, 2014, 300, 1503-1514.	0.3	7
46	The explosive radiation of Cheirolophus (Asteraceae, Cardueae) in Macaronesia. BMC Evolutionary Biology, 2014, 14, 118.	3.2	47
47	Mediterranean origin and Mioceneâ€“Holocene Old World diversification of meadow fescues and ryegrasses (Festuca subgenus Schedonorus and Lolium). Journal of Biogeography, 2014, 41, 600-614.	1.4	35
48	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
49	Reconstructing the evolution and biogeographic history of tribe Cardueae (Compositae). American Journal of Botany, 2013, 100, 867-882.	0.8	137
50	Historical Biogeography: Evolution in Time and Space. Evolution: Education and Outreach, 2012, 5, 555-568.	0.3	66
51	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
52	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
53	Phylogenetic Methods in Biogeography. Annual Review of Ecology, Evolution, and Systematics, 2011, 42, 441-464.	3.8	222
54	Why are there so many plant species in the Neotropics?. Taxon, 2011, 60, 403-414.	0.4	438

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55	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
56	Origins of Biodiversityâ€"Response. Science, 2011, 331, 399-400.	6.0	23
57	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
58	Amazonia Through Time: Andean Uplift, Climate Change, Landscape Evolution, and Biodiversity. Science, 2010, 330, 927-931.	6.0	1,826
59	Bayesian island biogeography in a continental setting: the Rand Flora case. Biology Letters, 2010, 6, 703-707.	1.0	88
60	Evolutionary Biogeography: An Integrative Approach. Systematic Biology, 2010, 59, 486-488.	2.7	3
61	Mediterranean diversification of the grassâ€feeding Anisopliinaâ€ƒbeetles (Scarabaeidae, Rutelinae,) Tj ETQq1 1 0.784314 rgBT /Ove 2009, 36, 546-560.	1.4	26
62	Prospects and challenges for parametric models in historical biogeographical inference. Journal of Biogeography, 2009, 36, 1211-1220.	1.4	164
63	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
64	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
65	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
66	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
67	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
68	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
69	Biogeographic patterns of the East African coastal forest vertebrate fauna. Biodiversity and Conservation, 2007, 16, 883-912.	1.2	39
70	Biology and larval morphology of the genus <i>Ceramida</i> Baraud (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.6	4
71	Biogeography: An Ecological and Evolutionary Approach, 7th edition. Systematic Biology, 2006, 55, 361-363.	2.7	5
72	Southern Hemisphere Biogeography Inferred by Event-Based Models: Plant versus Animal Patterns. Systematic Biology, 2004, 53, 216-243.	2.7	796

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73	Dispersal vs. vicariance in the Mediterranean: historical biogeography of the Palearctic Pachydeminae (Coleoptera, Scarabaeoidea). Journal of Biogeography, 2003, 30, 1883-1897.	1.4	180
74	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
75	EvoluciÃ³n biogeogrÃ¡fica de los Pachydeminae paleÃ¡rticos (Coleoptera, Scarabaeoidea) mediante anÃ¡lisis de dispersiÃ³n-vicarianza. Graellsia, 2003, 59, 427-441.	0.1	6
76	Patterns of animal dispersal, vicariance and diversification in the Holarctic. Biological Journal of the Linnean Society, 2001, 73, 345-390.	0.7	258
77	Patterns of animal dispersal, vicariance and diversification in the Holarctic. Biological Journal of the Linnean Society, 2001, 73, 345-390.	0.7	326
78	Separation of Aspidiotes species using morphometric analysis (Coleoptera: Curculionidae). European Journal of Entomology, 2000, 97, 85-94.	1.2	5
79	A MORPHOMETRIC APPROACH TO THE TAXONOMY OF THE GENUSCERAMIDA(COLEOPTERA:) Tj ETQq1 1 0.784314 rgBT /Ov	0.4	8