Samuel Pironon

List of Publications by Year
in descending order

33 papers	1,724 citations	430874 18 h-index	434195 31 g-index
41 all docs	41 docs citations	41 times ranked	2535 citing authors

#	Article	IF	Citations
1	Geographic variation in genetic and demographic performance: new insights from an old biogeographical paradigm. Biological Reviews, 2017, 92, 1877-1909.	10.4	283
2	A new malaria vector in Africa: Predicting the expansion range of Anopheles stephensi and identifying the urban populations at risk. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24900-24908.	7.1	189
3	Areas of global importance for conserving terrestrial biodiversity, carbon and water. Nature Ecology and Evolution, 2021, 5, 1499-1509.	7.8	147
4	Unlocking plant resources to support food security and promote sustainable agriculture. Plants People Planet, 2020, 2, 421-445.	3.3	130
5	Do geographic, climatic or historical ranges differentiate the performance of central versus peripheral populations?. Global Ecology and Biogeography, 2015, 24, 611-620.	5.8	107
6	Species distribution models rarely predict the biology of real populations. Ecography, 2022, 2022, .	4.5	100
7	Ensemble distribution models in conservation prioritization: from consensus predictions to consensus reserve networks. Diversity and Distributions, 2014, 20, 309-321.	4.1	92
8	Potential adaptive strategies for 29 sub-Saharan crops under future climate change. Nature Climate Change, 2019, 9, 758-763.	18.8	73
9	Addressing common pitfalls does not provide more support to geographical and ecological abundantâ€centre hypotheses. Ecography, 2019, 42, 696-705.	4.5	69
10	Incorporating intraspecific variation into species distribution models improves distribution predictions, but cannot predict species traits for a wideâ€spread plant species. Ecography, 2020, 43, 60-74.	4.5	58
11	The â€˜Hutchinsonian nicheâ€™ as an assemblage of demographic niches: implications for species geographic ranges. Ecography, 2018, 41, 1103-1113.	4.5	55
12	The European functional tree of bird life in the face of global change. Nature Communications, 2014, 5, 3118.	12.8	52
13	Mutualistic interactions reshuffle the effects of climate change on plants across the tree of life. Science Advances, 2019, 5, eaav2539.	10.3	49
14	Toward Unifying Global Hotspots of Wild and Domesticated Biodiversity. Plants, 2020, 9, 1128.	3.5	47
15	The climatic challenge: Which plants will people use in the next century?. Environmental and Experimental Botany, 2020, 170, 103872.	4.2	45
16	Global plant diversity as a reservoir of micronutrients for humanity. Nature Plants, 2022, 8, 225-232.	9.3	35
17	A strong eastâ€“west Mediterranean divergence supports a new phylogeographic history of the carob tree (Ceratonia siliqua, Leguminosae) and multiple domestications from native populations. Journal of Biogeography, 2020, 47, 460-471.	3.0	27
18	Pollen sterols are associated with phylogeny and environment but not with pollinator guilds. New Phytologist, 2021, 230, 1169-1184.	7.3	26

#	Article	IF	Citations
19	Prioritising crop wild relatives to enhance agricultural resilience in subâ€Saharan Africa under climate change. Plants People Planet, 0, , .	3.3	14
20	Modelling potential range expansion of an underutilised food security crop in Sub-Saharan Africa. Environmental Research Letters, 2022, 17, 014022.	5.2	13
21	Balance between climate change mitigation benefits and land use impacts of bioenergy: conservation implications for European birds. GCB Bioenergy, 2015, 7, 741-751.	5.6	12
22	Delineating limits: Confronting predicted climatic suitability to field performance in mistletoe populations. Journal of Ecology, 2018, 106, 2218-2229.	4.0	12
23	Phylogeography and postâ€glacial dynamics in the clonalâ€sexual orchid Cypripedium calceolus L.. Journal of Biogeography, 2019, 46, 526-538.	3.0	12
24	Shifts in the abiotic and biotic environment of cultivated sunflower under future climate change. OCL - Oilseeds and Fats, Crops and Lipids, 2019, 26, 9.	1.4	11
25	Plant Power: Opportunities and challenges for meeting sustainable energy needs from the plant and fungal kingdoms. Plants People Planet, 2020, 2, 446-462.	3.3	11
26	Range-Wide Variation in the Ecological Niche and Floral Polymorphism of the Western Mediterranean GeophyteNarcissus dubiusGouan. International Journal of Plant Sciences, 2015, 176, 724-738.	1.3	8
27	Wild relatives of potato may bolster its adaptation to new niches under future climate scenarios. Food and Energy Security, 2022, 11, e360.	4.3	7
28	Scaling up neodomestication for climate-ready crops. Current Opinion in Plant Biology, 2022, 66, 102169.	7.1	7
29	A novel statistical framework for exploring the population dynamics and seasonality of mosquito populations. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220089.	2.6	4
30	Plant agrodiversity to the rescue. Nature Climate Change, 2021, 11, 6-8.	18.8	2
31	Interactions between breeding system and ploidy affect niche breadth in Solanum. Royal Society Open Science, 2022, 9, 211862.	2.4	2
32	Living at the limit in the Pyrenees: Peripheral and endemic plants are rare but underrepresented in protection lists. Diversity and Distributions, 0, , .	4.1	1
33	Primeras jornadas Iperinas: presentaciÃ³n de nuevas lÃneas de investigaciÃ³n del Instituto Pirenaico de EcologÃa (CSIC). Pirineos, 2013, 168, 139-154.	0.6	0