Arndt Hampe

List of Publications by Year
in descending order

79 papers	8,456 citations	125106 35 h-index	71088 80 g-index
89 all docs	89 docs citations	89 times ranked	11240 citing authors

#	Article	IF	Citations
1	Maintaining forest cover to enhance temperature buffering under future climate change. Science of the Total Environment, 2022, 810, 151338.	3.9	39
2	Global maps of soil temperature. Global Change Biology, 2022, 28, 3110-3144.	4.2	113
3	Past and future radial growth and water-use efficiency of Fagus sylvatica and Quercus robur in a long-term climate refugium. Dendrochronologia, 2022, 72, 125939.	1.0	3
4	Herbivory on the pedunculate oak along an urbanization gradient in Europe: Effects of impervious surface, local tree cover, and insect feeding guild. Ecology and Evolution, 2022, 12, e8709.	0.8	8
5	Assessing the vulnerability of plant functional trait strategies to climate change. Global Ecology and Biogeography, 2022, 31, 1194-1206.	2.7	9
6	Maternal effects shape the seed mycobiome in Quercus petraea. New Phytologist, 2021, 230, 1594-1608.	3.5	47
7	Spatial patterns of genusâ€level phylogenetic endemism in the tree flora of Mediterranean Europe. Diversity and Distributions, 2021, 27, 913-928.	1.9	14
8	Forest microclimates and climate change: Importance, drivers and future research agenda. Global Change Biology, 2021, 27, 2279-2297.	4.2	330
9	WOODIV, a database of occurrences, functional traits, and phylogenetic data for all Euro-Mediterranean trees. Scientific Data, 2021, 8, 89.	2.4	7
10	Landâ€use legacies influence tree waterâ€use efficiency and nitrogen availability in recently established European forests. Functional Ecology, 2021, 35, 1325-1340.	1.7	7
11	Genetic signatures of divergent selection in European beech (Fagus sylvatica L.) are associated with the variation in temperature and precipitation across its distribution range. Molecular Ecology, 2021, 30, 5029-5047.	2.0	20
12	Search for topâ€down and bottomâ€up drivers of latitudinal trends in insect herbivory in oak trees in Europe. Global Ecology and Biogeography, 2021, 30, 651-665.	2.7	18
13	A comprehensive, genus-level time-calibrated phylogeny of the tree flora of Mediterranean Europe and an assessment of its vulnerability. Botany Letters, 2020, 167, 276-289.	0.7	6
14	Spontaneous forest regrowth in Southâ€West Europe: Consequences for nature's contributions to people. People and Nature, 2020, 2, 980-994.	1.7	22
15	Functional diversity enhances tree growth and reduces herbivory damage in secondary broadleaf forests, but does not influence resilience to drought. Journal of Applied Ecology, 2020, 57, 2362-2372.	1.9	14
16	Macroâ€scale variation and environmental predictors of flowering and fruiting phenology in the Chinese angiosperm flora. Journal of Biogeography, 2020, 47, 2303-2314.	1.4	20
17	Recruitment of a genotyped Quercus robur L. seedling cohort in an expanding oak forest stand: diversity, dispersal, and performance across habitats. Annals of Forest Science, 2020, 77, 1.	0.8	8
18	Tree potential growth varies more than competition among spontaneously established forest stands of pedunculate oak (Quercus robur). Annals of Forest Science, 2020, 77, 1.	0.8	7

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19	Establishment of second-growth forests in human landscapes: ecological mechanisms and genetic consequences. Annals of Forest Science, 2020, 77, 1.	0.8	5
20	Managing forest regeneration and expansion at a time of unprecedented global change. Journal of Applied Ecology, 2020, 57, 2310-2315.	1.9	11
21	Leaf chemical defences and insect herbivory in oak: accounting for canopy position unravels marked genetic relatedness effects. Annals of Botany, 2020, 126, 865-872.	1.4	5
22	How do social status and tree architecture influence radial growth, wood density and drought response in spontaneously established oak forests?. Annals of Forest Science, 2020, 77, 1.	0.8	13
23	Candidate gene SNP variation in floodplain populations of pedunculate oak (Quercus robur L.) near the species' southern range margin: Weak differentiation yet distinct associations with water availability. Molecular Ecology, 2020, 29, 2359-2378.	2.0	17
24	Functional distance is driven more strongly by environmental factors than by genetic relatedness in Juniperus thurifera L. expanding forest stands. Annals of Forest Science, 2020, 77, 1.	0.8	6
25	Greater capacity to exploit warming temperatures in northern populations of European beech is partly driven by delayed leaf senescence. Agricultural and Forest Meteorology, 2020, 284, 107908.	1.9	10
26	Insect herbivory in novel Quercus ilex L. forests: the role of landscape attributes, forest composition and host traits. Annals of Forest Science, 2020, 77, 1.	0.8	12
27	Î”Trait<scp>SDMs</scp>: species distribution models that account for local adaptation and phenotypic plasticity. New Phytologist, 2019, 222, 1757-1765.	3.5	181
28	Insect herbivory and avian insectivory in novel native oak forests: Divergent effects of stand size and connectivity. Forest Ecology and Management, 2019, 445, 146-153.	1.4	23
29	Rangeâ€wide variation in local adaptation and phenotypic plasticity of fitnessâ€related traits in Fagus sylvatica and their implications under climate change. Global Ecology and Biogeography, 2019, 28, 1336-1350.	2.7	61
30	Differential Quaternary dynamics of evergreen broadleaved forests in subtropical China revealed by phylogeography of Lindera aggregata (Lauraceae). Journal of Biogeography, 2019, 46, 1112-1123.	1.4	20
31	Tree diversity effects on leaf insect damage on pedunculate oak: The role of landscape context and forest stratum. Forest Ecology and Management, 2019, 433, 287-294.	1.4	29
32	Biome stability in South America over the last 30 kyr: Inferences from longâ€term vegetation dynamics and habitat modelling. Global Ecology and Biogeography, 2018, 27, 285-297.	2.7	119
33	Extensive sib-mating in a refugial population of beech (Fagus sylvatica) growing along a lowland river. Forest Ecology and Management, 2018, 407, 66-74.	1.4	8
34	A comparative analysis between SNPs and SSRs to investigate genetic variation in a juniper species (Juniperus phoenicea ssp. turbinata). Tree Genetics and Genomes, 2018, 14, 1.	0.6	27
35	The effect of tree genetic diversity on insect herbivory varies with insect abundance. Ecosphere, 2017, 8, e01637.	1.0	21
36	Temporal change and determinants of maternal reproductive success in an expanding oak forest stand. Journal of Ecology, 2017, 105, 39-48.	1.9	29

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37	Phylogeography of Quercus aquifolioides provides novel insights into the Neogene history of a major global hotspot of plant diversity in southâ€west China. Journal of Biogeography, 2017, 44, 294-307.	1.4	113
38	Unusually limited pollen dispersal and connectivity of <scp>P</scp>edunculate oak (Quercus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 3319-3331.	2.0	37
39	The Phyllosphere: Microbial Jungle at the Plantâ€“Climate Interface. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 1-24.	3.8	327
40	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. New Phytologist, 2014, 204, 37-54.	3.5	361
41	Efficient mitigation of founder effects during the establishment of a leading-edge oak population. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131070.	1.2	41
42	In and out of Africa: how did the Strait of Gibraltar affect plant species migration and local diversification?. Journal of Biogeography, 2013, 40, 24-36.	1.4	47
43	Speciesâ€™ thermal preferences affect forest bird communities along landscape and local scale habitat gradients. Ecography, 2013, 36, 1218-1226.	2.1	39
44	Uncertainty in thermal tolerances and climatic debt. Nature Climate Change, 2012, 2, 636-637.	8.1	21
45	Fragmentation and comparative genetic structure of four mediterranean woody species: complex interactions between life history traits and the landscape context. Diversity and Distributions, 2012, 18, 226-235.	1.9	42
46	Climate Relicts: Past, Present, Future. Annual Review of Ecology, Evolution, and Systematics, 2011, 42, 313-333.	3.8	358
47	Plants on the move: The role of seed dispersal and initial population establishment for climate-driven range expansions. Acta Oecologica, 2011, 37, 666-673.	0.5	110
48	Past tree range dynamics in the Iberian Peninsula inferred through phylogeography and palaeodistribution modelling: A review. Review of Palaeobotany and Palynology, 2010, 162, 507-521.	0.8	87
49	Cryptic forest refugia on the â€˜Roof of the Worldâ€™. New Phytologist, 2010, 185, 5-7.	3.5	14
50	Origin of spatial genetic structure in an expanding oak population. Molecular Ecology, 2010, 19, 459-471.	2.0	42
51	Isolation and characterization of 20 microsatellite loci for laurel species (Laurus, Lauraceae). American Journal of Botany, 2010, 97, e26-30.	0.8	13
52	Paleoecology meets genetics: deciphering past vegetational dynamics. Frontiers in Ecology and the Environment, 2009, 7, 371-379.	1.9	125
53	Isolation and characterization of 16 polymorphic microsatellite loci for Frangula alnus (Rhamnaceae). Molecular Ecology Resources, 2009, 9, 986-989.	2.2	4
54	Isolation and characterization of 12 microsatellite loci forRhamnus alaternus(Rhamnaceae). Molecular Ecology Resources, 2009, 9, 1216-1218.	2.2	4

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55	Fruit tracking, frugivore satiation, and their consequences for seed dispersal. Oecologia, 2008, 156, 137-145.	0.9	59
56	Spatioâ€temporal dynamics and local hotspots of initial recruitment in vertebrateâ€dispersed trees. Journal of Ecology, 2008, 96, 668-678.	1.9	49
57	Phylogeography of North African Atlas cedar (Cedrus atlantica, Pinaceae): Combined molecular and fossil data reveal a complex Quaternary history. American Journal of Botany, 2008, 95, 1262-1269.	0.8	29
58	Can Population Genetic Structure Be Predicted from Lifeâ€History Traits?. American Naturalist, 2007, 169, 662-672.	1.0	235
59	Anatomical notes on TurkishFrangula alnusMill. (Rhamnaceae). Plant Biosystems, 2007, 141, 69-74.	0.8	6
60	Ever deeper phylogeographies: trees retain the genetic imprint of Tertiary plate tectonics. Molecular Ecology, 2007, 16, 5113-5114.	2.0	23
61	Some Evolutionary Consequences of Being a Tree. Annual Review of Ecology, Evolution, and Systematics, 2006, 37, 187-214.	3.8	919
62	Conserving biodiversity under climate change: the rear edge matters. Ecology Letters, 2005, 8, 461-467.	3.0	1,743
63	Effects of life-history traits and species distribution on genetic structure at maternally inherited markers in European trees and shrubs. Journal of Biogeography, 2005, 32, 329-339.	1.4	67
64	Fecundity limits in Frangula alnus (Rhamnaceae) relict populations at the species? southern range margin. Oecologia, 2005, 143, 377-386.	0.9	53
65	Climate changes and tree phylogeography in the Mediterranean. Taxon, 2005, 54, 877-885.	0.4	184
66	Climate Changes and Tree Phylogeography in the Mediterranean. Taxon, 2005, 54, 877.	0.4	153
67	Bioclimate envelope models: what they detect and what they hide. Global Ecology and Biogeography, 2004, 13, 469-471.	2.7	386
68	INVITED REVIEW: Comparative organization of chloroplast, mitochondrial and nuclear diversity in plant populations. Molecular Ecology, 2004, 14, 689-701.	2.0	790
69	Extensive hydrochory uncouples spatiotemporal patterns of seedfall and seedling recruitment in a 'bird-dispersed' riparian tree. Journal of Ecology, 2004, 92, 797-807.	1.9	99
70	Ecology and genetics of tree invasions: from recent introductions to Quaternary migrations. Forest Ecology and Management, 2004, 197, 117-137.	1.4	156
71	Largeâ€scale geographical trends in fruit traits of vertebrateâ€dispersed temperate plants. Journal of Biogeography, 2003, 30, 487-496.	1.4	30
72	Rangewide phylogeography of a birdâ€dispersed Eurasian shrub: contrasting Mediterranean and temperate glacial refugia. Molecular Ecology, 2003, 12, 3415-3426.	2.0	151

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73	Regional differences in land use affect population performance of the threatened insectivorous plant Drosophyllum lusitanicum (Droseraceae). Diversity and Distributions, 2003, 9, 335-350.	1.9	27
74	Frugivory in European Laurel: how extinct seed dispersers have been substituted. Bird Study, 2003, 50, 280-284.	0.4	15
75	Recruitment and regeneration in populations of an endangered South Iberian Tertiary relict tree. Biological Conservation, 2002, 107, 263-271.	1.9	85
76	Nahrungssuche und Vergesellschaftung frugivorer Zug- und BrutvÃ¶gel. Journal Fur Ornithologie, 2000, 141, 300.	1.2	2
77	Nahrungssuche und Vergesellschaftung frugivorer Zug- und BrutvÃ¶gel. Journal Fur Ornithologie, 2000, 141, 300-308.	1.2	3
78	Modified dispersal-related traits in disjunct populations of bird-dispersed Frangula alnus (Rhamnaceae): a result of its Quaternary distribution shifts?. Ecography, 2000, 23, 603-613.	2.1	54
79	Field studies on the Black Parrot, Coracopsis nigra, in western Madagascar. Bulletin of the African Bird Club, 1998, 5, 108-113.	0.1	6