Alex Baumel

List of Publications by Year
in descending order

41 papers	1,237 citations	567281 15 h-index	377865 34 g-index
45 all docs	45 docs citations	45 times ranked	1838 citing authors

#	Article	IF	Citations
1	Genomeâ€wide footprints in the carob tree (Ceratonia siliqua) unveil a new domestication pattern of a fruit tree in the Mediterranean. Molecular Ecology, 2022, 31, 4095-4111.	3.9	8
2	When ecological marginality is not geographically peripheral: exploring genetic predictions of the centre-periphery hypothesis in the endemic plantLilium pomponium. PeerJ, 2021, 9, e11039.	2.0	8
3	Identification of plant micro-reserves using conservation units and population vulnerability: The case of an endangered endemic Snowflake (Acis nicaeensis) in the Mediterranean Basin hotspot. Journal for Nature Conservation, 2021, 61, 125980.	1.8	2
4	Is a restricted niche the explanation for species vulnerability? Insights from a large field survey of Astragalus tragacantha L. (Fabaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 283, 151902.	1.2	2
5	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
6	Comparison of neutral and adaptive differentiation in the Mediterranean grass Brachypodium retusum. Botanical Journal of the Linnean Society, 2020, 192, 536-549.	1.6	3
7	New insights on the conservation status of the Endangered coastal endemic plant Astragalus berytheus (Fabaceae) in Lebanon. Oryx, 2020, , 1-3.	1.0	2
8	Beyond taxonomic diversity: Revealing spatial mismatches in phylogenetic and functional diversity facets in Mediterranean tree communities in southern France. Forest Ecology and Management, 2020, 474, 118318.	3.2	13
9	The belowground bacterial and fungal communities differed in their significance as microbial indicator of Moroccan carob habitats. Ecological Indicators, 2020, 114, 106341.	6.3	3
10	Population genetic structure and management perspectives for Armeria belgenciencis, a narrow endemic plant from Provence (France). Plant Ecology and Evolution, 2020, 153, 219-228.	0.7	4
11	Advances in genotyping microsatellite markers through sequencing and consequences of scoring methods for Ceratonia siliqua (Leguminosae). Applications in Plant Sciences, 2018, 6, e01201.	2.1	14
12	Assessment of plant species diversity associated with the carob tree (Ceratonia siliqua, Fabaceae) at the Mediterranean scale. Plant Ecology and Evolution, 2018, 151, 185-193.	0.7	22
13	Surviving glaciations in the Mediterranean region: an alternative to the long-term refugia hypothesis. Botanical Journal of the Linnean Society, 2018, 187, 537-549.	1.6	10
14	Using phylogeography to define conservation priorities: The case of narrow endemic plants in the Mediterranean Basin hotspot. Biological Conservation, 2018, 224, 258-266.	4.1	50
15	Conservation unit allows assessing vulnerability and setting conservation priorities for a Mediterranean endemic plant within the context of extreme urbanization. Biodiversity and Conservation, 2017, 26, 293-307.	2.6	7
16	Genetic variation of loci potentially under selection confounds speciesâ€“genetic diversity correlations in a fragmented habitat. Molecular Ecology, 2017, 26, 431-443.	3.9	17
17	Geographical isolation caused the diversification of the Mediterranean thorny cushion-like Astragalus L. sect. Tragacantha DC. (Fabaceae). Molecular Phylogenetics and Evolution, 2016, 97, 187-195.	2.7	23
18	Spatial mismatches between plant biodiversity facets and evolutionary legacy in the vicinity of a major Mediterranean city. Ecological Indicators, 2016, 60, 736-745.	6.3	13

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19	Differential effects of contrasting phenotypes of a foundation legume shrub drive plantâ€“plant interactions in a <scp>M</scp>editerranean mountain. Journal of Vegetation Science, 2015, 26, 373-384.	2.2	19
20	Distinct evolutionary histories of lowland biota on Italian and Balkan peninsulas revealed by the phylogeography of Arundo plinii (Poaceae). Journal of Biogeography, 2014, 41, 2150-2161.	3.0	17
21	The polyploid nature of Cenchrus ciliaris L. (Poaceae) has been overlooked: new insights for the conservation and invasion biology of this species â€“ a review. Rangeland Journal, 2014, 36, 11.	0.9	15
22	Phylogeography sheds light on the centralâ€“marginal hypothesis in a Mediterranean narrow endemic plant. Annals of Botany, 2013, 112, 1409-1420.	2.9	24
23	Habitat Suitability Assessment of the Rare Perennial Plant Armeria Arenaria (Pers.) Schult. (Plumbaginaceae) along the French Mediterranean Coastline. Candollea, 2013, 68, 221.	0.2	2
24	Surviving in Mountain Climate Refugia: New Insights from the Genetic Diversity and Structure of the Relict Shrub Myrtus nivellei (Myrtaceae) in the Sahara Desert. PLoS ONE, 2013, 8, e73795.	2.5	36
25	Genetic differentiation of the dominant perennial grass Cenchrus ciliaris L. contributes to response to water deficit in arid lands. Rangeland Journal, 2012, 34, 55.	0.9	7
26	Revised systematics of Mediterranean Arundo (Poaceae) based on AFLP fingerprints and morphology. Taxon, 2012, 61, 1217-1226.	0.7	43
27	From Mediterranean shores to central Saharan mountains: key phylogeographical insights from the genus Myrtus. Journal of Biogeography, 2012, 39, 942-956.	3.0	84
28	Ecological implications of Cousinia Cass. (Asteraceae) persistence through the last two glacialâ€“interglacial cycles in the continental Middle East for the Irano-Turanian flora. Review of Palaeobotany and Palynology, 2012, 172, 10-20.	1.5	92
29	New insights into the polyploid complex Cenchrus ciliaris L. (Poaceae) show its capacity for gene flow and recombination processes despite its apomictic nature. Australian Journal of Botany, 2011, 59, 543.	0.6	17
30	Polymorphism of Cenchrus ciliaris L. a perennial grass of arid zones. African Journal of Ecology, 2011, 49, 209-220.	0.9	8
31	Genetic diversity and structure of a Mediterranean endemic plant in Corsica (Mercurialis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	10
32	Factors Underlying the Narrow Distribution of the Mediterranean Annual Plant Arenaria provincialis (Caryophyllaceae). Folia Geobotanica, 2011, 46, 327-350.	0.9	15
33	Fineâ€scale response to landscape structure in Primula vulgaris Huds.: does hedgerow network connectedness ensure connectivity through gene flow?. Population Ecology, 2009, 51, 209-219.	1.2	22
34	Morphological polymorphism and rDNA internal transcribed spacer (ITS) sequence variation inArmeria(Plumbaginaceae) from south-eastern France. Botanical Journal of the Linnean Society, 2009, 159, 255-267.	1.6	4
35	Ecological magnitude and fine scale dynamics of the mediterranean narrow endemic therophyte,Arenaria provincialis(Caryophyllaceae). Acta Botanica Gallica, 2009, 156, 259-272.	0.9	7
36	Genetic signs of connectivity in Primula vulgaris (Primulaceae) in a hedgerow network landscape. Comptes Rendus - Biologies, 2009, 332, 652-661.	0.2	0

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37	Modeling landscape structure constraints on species dispersal with a cellular automaton: Are there convergences with empirical data?. Ecological Complexity, 2009, 6, 183-190.	2.9	5
38	Exemple d'une nouvelle Ã©valuation du statut de menace suivant les critÃ¨res de l'UICN version 3.1.: le cas de l'endÃ©mique provenÃ§aleArenaria provincialisChater & Halliday (Caryophyllaceae). Acta Botanica Gallica, 2008, 155, 547-562.	0.9	4
39	Spartina anglica C. E. Hubbard: a natural model system for analysing early evolutionary changes that affect allopolyploid genomes. Biological Journal of the Linnean Society, 2004, 82, 475-484.	1.6	179
40	Hybridization, polyploidy and speciation in Spartina (Poaceae). New Phytologist, 2004, 161, 165-172.	7.3	213
41	Retrotransposons and Genomic Stability in Populations of the Young Allopolyploid Species Spartina anglica C.E. Hubbard (Poaceae). Molecular Biology and Evolution, 2002, 19, 1218-1227.	8.9	168