

Alex Baumel

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hybridization, polyploidy and speciation in <i>Spartina</i> (Poaceae). <i>New Phytologist</i> , 2004, 161, 165-172.	7.3	213
2	<i>Spartina anglica</i> C. E. Hubbard: a natural model system for analysing early evolutionary changes that affect allopolyploid genomes. <i>Biological Journal of the Linnean Society</i> , 2004, 82, 475-484.	1.6	179
3	Retrotransposons and Genomic Stability in Populations of the Young Allopolyploid Species <i>Spartina anglica</i> C.E. Hubbard (Poaceae). <i>Molecular Biology and Evolution</i> , 2002, 19, 1218-1227.	8.9	168
4	Ecological implications of <i>Cousinia</i> Cass. (Asteraceae) persistence through the last two glacial–interglacial cycles in the continental Middle East for the Irano-Turanian flora. <i>Review of Palaeobotany and Palynology</i> , 2012, 172, 10-20.	1.5	92
5	From Mediterranean shores to central Saharan mountains: key phylogeographical insights from the genus <i>Myrtus</i> . <i>Journal of Biogeography</i> , 2012, 39, 942-956.	3.0	84
6	Using phylogeography to define conservation priorities: The case of narrow endemic plants in the Mediterranean Basin hotspot. <i>Biological Conservation</i> , 2018, 224, 258-266.	4.1	50
7	Revised systematics of Mediterranean <i>Arundo</i> (Poaceae) based on AFLP fingerprints and morphology. <i>Taxon</i> , 2012, 61, 1217-1226.	0.7	43
8	Surviving in Mountain Climate Refugia: New Insights from the Genetic Diversity and Structure of the Relict Shrub <i>Myrtus nivellei</i> (Myrtaceae) in the Sahara Desert. <i>PLoS ONE</i> , 2013, 8, e73795.	2.5	36
9	A strong east–west Mediterranean divergence supports a new phylogeographic history of the carob tree (<i>Ceratonia siliqua</i> , Leguminosae) and multiple domestications from native populations. <i>Journal of Biogeography</i> , 2020, 47, 460-471.	3.0	27
10	Phylogeography sheds light on the central–marginal hypothesis in a Mediterranean narrow endemic plant. <i>Annals of Botany</i> , 2013, 112, 1409-1420.	2.9	24
11	Geographical isolation caused the diversification of the Mediterranean thorny cushion-like <i>Astragalus</i> L. sect. <i>Tragacantha</i> DC. (Fabaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 97, 187-195.	2.7	23
12	Fine-scale response to landscape structure in <i>Primula vulgaris</i> Huds.: does hedgerow network connectedness ensure connectivity through gene flow?. <i>Population Ecology</i> , 2009, 51, 209-219.	1.2	22
13	Assessment of plant species diversity associated with the carob tree (<i>Ceratonia siliqua</i> , Fabaceae) at the Mediterranean scale. <i>Plant Ecology and Evolution</i> , 2018, 151, 185-193.	0.7	22
14	Differential effects of contrasting phenotypes of a foundation legume shrub drive plant–plant interactions in a Mediterranean mountain. <i>Journal of Vegetation Science</i> , 2015, 26, 373-384.	2.2	19
15	New insights into the polyploid complex <i>Cenchrus ciliaris</i> L. (Poaceae) show its capacity for gene flow and recombination processes despite its apomictic nature. <i>Australian Journal of Botany</i> , 2011, 59, 543.	0.6	17
16	Distinct evolutionary histories of lowland biota on Italian and Balkan peninsulas revealed by the phylogeography of <i>Arundo plinii</i> (Poaceae). <i>Journal of Biogeography</i> , 2014, 41, 2150-2161.	3.0	17
17	Genetic variation of loci potentially under selection confounds species–genetic diversity correlations in a fragmented habitat. <i>Molecular Ecology</i> , 2017, 26, 431-443.	3.9	17
18	Factors Underlying the Narrow Distribution of the Mediterranean Annual Plant <i>Arenaria provincialis</i> (Caryophyllaceae). <i>Folia Geobotanica</i> , 2011, 46, 327-350.	0.9	15

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19	The polyploid nature of <i>Cenchrus ciliaris</i> L. (Poaceae) has been overlooked: new insights for the conservation and invasion biology of this species – a review. <i>Rangeland Journal</i> , 2014, 36, 11.	0.9	15
20	Advances in genotyping microsatellite markers through sequencing and consequences of scoring methods for <i>Ceratonia siliqua</i> (Leguminosae). <i>Applications in Plant Sciences</i> , 2018, 6, e01201.	2.1	14
21	Spatial mismatches between plant biodiversity facets and evolutionary legacy in the vicinity of a major Mediterranean city. <i>Ecological Indicators</i> , 2016, 60, 736-745.	6.3	13
22	Beyond taxonomic diversity: Revealing spatial mismatches in phylogenetic and functional diversity facets in Mediterranean tree communities in southern France. <i>Forest Ecology and Management</i> , 2020, 474, 118318.	3.2	13
23	Genetic diversity and structure of a Mediterranean endemic plant in Corsica (<i>Mercurialis</i>) Tj ETQq1 1 0.784314 rBT /Overlock 10 TF	1.2	10
24	Surviving glaciations in the Mediterranean region: an alternative to the long-term refugia hypothesis. <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 537-549.	1.6	10
25	Polymorphism of <i>Cenchrus ciliaris</i> L. a perennial grass of arid zones. <i>African Journal of Ecology</i> , 2011, 49, 209-220.	0.9	8
26	When ecological marginality is not geographically peripheral: exploring genetic predictions of the centre-periphery hypothesis in the endemic plant <i>Lilium pomponium</i> . <i>PeerJ</i> , 2021, 9, e11039.	2.0	8
27	Genome-wide footprints in the carob tree (<i>Ceratonia siliqua</i>) unveil a new domestication pattern of a fruit tree in the Mediterranean. <i>Molecular Ecology</i> , 2022, 31, 4095-4111.	3.9	8
28	Ecological magnitude and fine scale dynamics of the mediterranean narrow endemic therophyte, <i>Arenaria provincialis</i> (Caryophyllaceae). <i>Acta Botanica Gallica</i> , 2009, 156, 259-272.	0.9	7
29	Genetic differentiation of the dominant perennial grass <i>Cenchrus ciliaris</i> L. contributes to response to water deficit in arid lands. <i>Rangeland Journal</i> , 2012, 34, 55.	0.9	7
30	Conservation unit allows assessing vulnerability and setting conservation priorities for a Mediterranean endemic plant within the context of extreme urbanization. <i>Biodiversity and Conservation</i> , 2017, 26, 293-307.	2.6	7
31	Modeling landscape structure constraints on species dispersal with a cellular automaton: Are there convergences with empirical data?. <i>Ecological Complexity</i> , 2009, 6, 183-190.	2.9	5
32	Exemple d'une nouvelle Évaluation du statut de menace suivant les critères de l'UICN version 3.1.: le cas de l'endémique provençale <i>Arenaria provincialis</i> Chater & Halliday (Caryophyllaceae). <i>Acta Botanica Gallica</i> , 2008, 155, 547-562.	0.9	4
33	Morphological polymorphism and rDNA internal transcribed spacer (ITS) sequence variation in <i>Armeria</i> (Plumbaginaceae) from south-eastern France. <i>Botanical Journal of the Linnean Society</i> , 2009, 159, 255-267.	1.6	4
34	Population genetic structure and management perspectives for <i>Armeria belgenciensis</i> , a narrow endemic plant from Provence (France). <i>Plant Ecology and Evolution</i> , 2020, 153, 219-228.	0.7	4
35	Comparison of neutral and adaptive differentiation in the Mediterranean grass <i>Brachypodium retusum</i> . <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 536-549.	1.6	3
36	The belowground bacterial and fungal communities differed in their significance as microbial indicator of Moroccan carob habitats. <i>Ecological Indicators</i> , 2020, 114, 106341.	6.3	3

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37	Habitat Suitability Assessment of the Rare Perennial Plant <i>Armeria Arenaria</i> (Pers.) Schult. (Plumbaginaceae) along the French Mediterranean Coastline. <i>Candollea</i> , 2013, 68, 221.	0.2	2
38	New insights on the conservation status of the Endangered coastal endemic plant <i>Astragalus berytheus</i> (Fabaceae) in Lebanon. <i>Oryx</i> , 2020, , 1-3.	1.0	2
39	Identification of plant micro-reserves using conservation units and population vulnerability: The case of an endangered endemic Snowflake (<i>Acis nicaeensis</i>) in the Mediterranean Basin hotspot. <i>Journal for Nature Conservation</i> , 2021, 61, 125980.	1.8	2
40	Is a restricted niche the explanation for species vulnerability? Insights from a large field survey of <i>Astragalus tragacantha</i> L. (Fabaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 283, 151902.	1.2	2
41	Genetic signs of connectivity in <i>Primula vulgaris</i> (Primulaceae) in a hedgerow network landscape. <i>Comptes Rendus - Biologies</i> , 2009, 332, 652-661.	0.2	0