

BoÅ¾o Frajman

List of Publications by Year in descending order

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99
papers

4,118
citations

117453

34
h-index

128067

60
g-index

102
all docs

102
docs citations

102
times ranked

3762
citing authors

#	ARTICLE	IF	CITATIONS
1	Vicariance and dispersal in the alpine perennial <i>Bupleurum stellatum</i> L. (Apiaceae). <i>Taxon</i> , 2005, 54, 725-732.	0.4	277
2	Patterns of endemism and comparative phylogeography confirm palaeo-environmental evidence for Pleistocene refugia in the Eastern Alps. <i>Taxon</i> , 2003, 52, 477-497.	0.4	265
3	Central Asian origin of and strong genetic differentiation among populations of the rare and disjunct <i>Carex atrofusca</i> (Cyperaceae) in the Alps. <i>Journal of Biogeography</i> , 2006, 33, 948-956.	1.4	193
4	Circumpolar phylogeography of <i>Juncus biglumis</i> (Juncaceae) inferred from AFLP fingerprints, cpDNA sequences, nuclear DNA content and chromosome numbers. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 92-103.	1.2	174
5	History or ecology? Substrate type as a major driver of patial genetic structure in Alpine plants. <i>Ecology Letters</i> , 2009, 12, 632-640.	3.0	167
6	Mixed-Ploidy Species: Progress and Opportunities in Polyploid Research. <i>Trends in Plant Science</i> , 2017, 22, 1041-1055.	4.3	165
7	Genetic diversity in widespread species is not congruent with species richness in alpine plant communities. <i>Ecology Letters</i> , 2012, 15, 1439-1448.	3.0	135
8	A worldwide molecular phylogeny and classification of the leafy spurges, <i>Euphorbia</i> subgenus <i>Esula</i> (Euphorbiaceae). <i>Taxon</i> , 2013, 62, 316-342.	0.4	119
9	Hybrid Origins and Homoploid Reticulate Evolution within <i>Heliosperma</i> (Sileneae, Caryophyllaceae)â€™A Multigene Phylogenetic Approach with Relative Dating. <i>Systematic Biology</i> , 2009, 58, 328-345.	2.7	114
10	Complex distribution patterns of diâ€, tetraâ€, and hexaploid cytotypes in the European high mountain plant <i>Senecio carniolicus</i> (Asteraceae). <i>American Journal of Botany</i> , 2007, 94, 1391-1401.	0.8	111
11	Distribution and habitat segregation on different spatial scales among diploid, tetraploid and hexaploid cytotypes of <i>Senecio carniolicus</i> (Asteraceae) in the Eastern Alps. <i>Annals of Botany</i> , 2010, 106, 967-977.	1.4	109
12	Reticulate phylogenetics and phylogeographical structure of <i>Heliosperma</i> (Sileneae, Caryophyllaceae) inferred from chloroplast and nuclear DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 140-155.	1.2	100
13	Bs<scp>RAD</scp>seq: screening <scp>DNA</scp> methylation in natural populations of nonâ€model species. <i>Molecular Ecology</i> , 2016, 25, 1697-1713.	2.0	96
14	Quaternary range dynamics of ecologically divergent species (<i>Edraianthus serpyllifolius</i> and E.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.4	87
15	Break zones in the distributions of alleles and species in alpine plants. <i>Journal of Biogeography</i> , 2011, 38, 772-782.	1.4	77
16	Disentangling phylogeography, polyploid evolution and taxonomy of a woodland herb (<i>Veronica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Evolution, 2010, 57, 771-786.	1.2	68
17	Five molecular markers reveal extensive morphological homoplasy and reticulate evolution in the <i>Malva</i> alliance (Malvaceae). <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 226-239.	1.2	67
18	Transâ€Atlantic dispersal and largeâ€scale lack of genetic structure in the circumpolar, arcticâ€alpine sedge <i>Carex bigelowii</i> s. l. (Cyperaceae). <i>American Journal of Botany</i> , 2008, 95, 1006-1014.	0.8	60

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19	A combined molecular and morphological approach to the taxonomically intricate European mountain plant <i>Papaver alpinum</i> s.l. (Papaveraceae) – taxa or informal phylogeographical groups?. <i>Taxon</i> , 2009, 58, 1326-1348.	0.4	60
20	Genomic analyses suggest parallel ecological divergence in <i>Heliosperma pusillum</i> (Caryophyllaceae). <i>New Phytologist</i> , 2017, 216, 267-278.	3.5	58
21	Multiple Pleistocene refugia and Holocene range expansion of an abundant southwestern American desert plant species (<i>Melampodium leucanthum</i> , Asteraceae). <i>Molecular Ecology</i> , 2010, 19, 3421-3443.	2.0	57
22	Environmental Heterogeneity and Phenotypic Divergence: Can Heritable Epigenetic Variation Aid Speciation?. <i>Genetics Research International</i> , 2012, 2012, 1-9.	2.0	56
23	Bringing Together Evolution on Serpentine and Polyploidy: Spatiotemporal History of the Diploid-Tetraploid Complex of <i>Knautia arvensis</i> (Dipsacaceae). <i>PLoS ONE</i> , 2012, 7, e39988.	1.1	52
24	Tales of the unexpected: Phylogeography of the arctic-alpine model plant <i>Saxifraga oppositifolia</i> (Saxifragaceae) revisited. <i>Molecular Ecology</i> , 2012, 21, 4618-4630.	2.0	52
25	Escaping to the summits: Phylogeography and predicted range dynamics of <i>Cerastium dinaricum</i> , an endangered high mountain plant endemic to the western Balkan Peninsula. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 365-374.	1.2	51
26	Complex Biogeographic Patterns in <i>Androsace</i> (Primulaceae) and Related Genera: Evidence from Phylogenetic Analyses of Nuclear Internal Transcribed Spacer and Plastid trnL-F Sequences. <i>Systematic Biology</i> , 2004, 53, 856-876.	2.7	48
27	Testing the efficiency of nested barriers to dispersal in the Mediterranean high mountain plant <i>Edraianthus agraminifolius</i> (Campanulaceae). <i>Molecular Ecology</i> , 2014, 23, 2861-2875.	2.0	47
28	Giants and dwarfs: Molecular phylogenies reveal multiple origins of annual spurges within <i>Euphorbia</i> subg. <i>Esula</i> . <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 413-424.	1.2	44
29	Extensive range persistence in peripheral and interior refugia characterizes Pleistocene range dynamics in a widespread Alpine plant species (<i>Senecio carniolicus</i> , Asteraceae). <i>Molecular Ecology</i> , 2012, 21, 1255-1270.	2.0	44
30	The regional species richness and genetic diversity of alpine vegetation reflect both past glaciations and current climate. <i>Global Ecology and Biogeography</i> , 2016, 25, 430-442.	2.7	44
31	Ecological segregation drives fine-scale cytotype distribution of <i>Senecio carniolicus</i> in the Eastern Alps. <i>Preslia</i> , 2009, 81, 309-319.	1.1	39
32	Heteroploid <i>Knautia drymeia</i> includes <i>K. gussonei</i> and cannot be separated into diagnosable subspecies. <i>American Journal of Botany</i> , 2016, 103, 1300-1313.	0.8	38
33	Genetic, cytological and morphological differentiation within the Balkan-Carpathian <i>Sesleria rigida</i> sensu Fl. Eur. (Poaceae): A taxonomically intricate tetraploid-octoploid complex. <i>Taxon</i> , 2013, 62, 458-472.	0.4	36
34	Disentangling relationships among the members of the <i>Silene saxifraga</i> alliance (Caryophyllaceae): Phylogenetic structure is geographically rather than taxonomically segregated. <i>Taxon</i> , 2017, 66, 343-364.	0.4	36
35	A Campanulaceous Fate: the Albanian Stenoendemic <i>Asyneuma comosiforme</i> in fact Belongs to <i>Isophyllous campanula</i> . <i>Systematic Botany</i> , 2009, 34, 595-601.	0.2	35
36	Long-term isolation of European steppe outposts boosts the biome's conservation value. <i>Nature Communications</i> , 2020, 11, 1968.	5.8	34

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37	How many taxa? Spatiotemporal evolution and taxonomy of <i>Amphoricarpos</i> (Asteraceae, Carduoideae) on the Balkan Peninsula. <i>Organisms Diversity and Evolution</i> , 2015, 15, 429-445.	0.7	32
38	Cytotype diversity and genome size variation in <i>Knautia</i> (Caprifoliaceae, Dipsacoideae). <i>BMC Evolutionary Biology</i> , 2015, 15, 140.	3.2	31
39	<i>Androsace komovensis</i> sp. nov., a long mistaken local endemic from the southern Balkan Peninsula with biogeographic links to the Eastern Alps. <i>Taxon</i> , 2009, 58, 544-549.	0.4	30
40	Disentangling relationships within the disjunctly distributed <i>Alyssum ovirense</i> / <i>A. wulfenianum</i> group (Brassicaceae), including description of a novel species from the north-eastern Alps. <i>Botanical Journal of the Linnean Society</i> , 2014, 176, 486-505.	0.8	30
41	Disentangling relationships among the diploid members of the intricate genus <i>Knautia</i> (Caprifoliaceae). <i>Tj ETQq1 1 0,784314, rgBT / Over</i>	1.2	30
42	Patterns of rapid diversification in heteroploid <i>Knautia</i> sect. <i>Trichera</i> (Caprifoliaceae, Dipsacoideae), one of the most intricate taxa of the European flora. <i>BMC Evolutionary Biology</i> , 2016, 16, 204.	3.2	29
43	Integrating phylogenomics, phylogenetics, morphometrics, relative genome size and ecological niche modelling disentangles the diversification of Eurasian <i>Euphorbia seguieriana</i> s. l. (Euphorbiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 238-252.	1.2	29
44	Quaternary range dynamics and polyploid evolution in an arid brushland plant species (<i>Melampodium</i>). <i>Tj ETQq0 0 0, rgBT / Overlock 10 T</i>	1.2	28
45	Amphi-Adriatic distributions in plants revisited: Pleistocene trans-Adriatic dispersal in the <i>Euphorbia barrelieri</i> group (Euphorbiaceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 185, 240-252.	0.8	28
46	Polyploidisation and Geographic Differentiation Drive Diversification in a European High Mountain Plant Group (<i>Doronicum clusii</i> Aggregate, Asteraceae). <i>PLoS ONE</i> , 2015, 10, e0118197.	1.1	28
47	Phylogenetic relationships of <i>Atocion</i> and <i>Viscaria</i> (Sileneae, Caryophyllaceae) inferred from chloroplast, nuclear ribosomal, and low-copy gene DNA sequences. <i>Taxon</i> , 2009, 58, 811-824.	0.4	27
48	Multiple auto- and allopolyploidisations marked the Pleistocene history of the widespread Eurasian steppe plant <i>Astragalus onobrychis</i> (Fabaceae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106572.	1.2	27
49	Pleistocene distribution range shifts were accompanied by breeding system divergence within <i>Hornungia alpina</i> (Brassicaceae) in the Alps. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 571-582.	1.2	26
50	Underestimated diversity in one of the world's best studied mountain ranges: The polyploid complex of <i>Senecio carniolicus</i> (Asteraceae) contains four species in the European Alps. <i>Phytotaxa</i> , 2015, 213, 1.	0.1	24
51	Secondary contact after divergence in allopatry explains current lack of ecogeographical isolation in two hybridizing alpine plant species. <i>Journal of Biogeography</i> , 2017, 44, 2575-2584.	1.4	23
52	Phylogenetic relationships in Seslerieae (Poaceae) including resurrection of <i>Psilathera</i> and <i>Sesleriella</i> , two monotypic genera endemic to the Alps. <i>Taxon</i> , 2017, 66, 1349-1370.	0.4	22
53	Natural selection drives parallel divergence in the mountain plant <i>Heliosperma pusillum</i> s.l. <i>Oikos</i> , 2018, 127, 1355-1367.	1.2	22
54	Patterns of cytotype distribution and genome size variation in the genus <i>Sesleria</i> (Poaceae). <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 126-143.	0.8	21

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55	Leaf anatomy of two reciprocally non-monophyletic mountain plants (<i>Heliosperma</i> spp.): does heritable adaptation to divergent growing sites accompany the onset of speciation?. <i>Protoplasma</i> , 2017, 254, 1411-1420.	1.0	21
56	Molecular phylogenetic analyses identify Alpine differentiation and dysploid chromosome number changes as major forces for the evolution of the European endemic <i>Phyteuma</i> (<i>Campanulaceae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 634-652.	1.2	19
57	Both vicariance and dispersal have shaped the genetic structure of Eastern Mediterranean <i>Euphorbia myrsinites</i> (<i>Euphorbiaceae</i>). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 39, 125459.	1.1	19
58	Towards resolving the systematics of <i>Cerastium</i> subsection <i>Cerastium</i> (<i>Caryophyllaceae</i>): a cytogenetic approach. <i>Botanical Journal of the Linnean Society</i> , 2013, 172, 205-224.	0.8	18
59	Environmentally induced and (epi-)genetically based physiological trait differentiation between <i>Heliosperma pusillum</i> and its polytopically evolved ecologically divergent descendent, <i>H. Åveselskyi</i> (<i>Caryophyllaceae: Sileneae</i>). <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 658-669.	0.8	18
60	Does hybridization with a widespread congener threaten the long-term persistence of the Eastern Alpine rare local endemic <i>Knautia carinthiaca</i> ? <i>Ecology and Evolution</i> , 2015, 5, 4263-4276.	0.8	17
61	A novel method to infer the origin of polyploids from Amplified Fragment Length Polymorphism data reveals that the alpine polyploid complex of <i>Senecio carniolicus</i> (<i>Asteraceae</i>) evolved mainly via autopolyploidy. <i>Molecular Ecology Resources</i> , 2017, 17, 877-892.	2.2	16
62	Phylogenetic position and taxonomy of the enigmatic <i>Orobanche krylowii</i> (<i>Orobanchaceae</i>), a predominately Asian species newly found in Albania (SE Europe). <i>Phytotaxa</i> , 2013, 137, 1.	0.1	15
63	Origin and Diversification of South American Polyploid <i>Silene</i> Sect. <i>Physolychnis</i> (<i>Caryophyllaceae</i>) in the Andes and Patagonia. <i>Frontiers in Genetics</i> , 2018, 9, 639.	1.1	15
64	Pleistocene survival in three Mediterranean refugia: origin and diversification of the Italian endemic <i>Euphorbia gasparrinii</i> from the <i>E. verrucosa</i> alliance (<i>Euphorbiaceae</i>). <i>Botanical Journal of the Linnean Society</i> , 2019, 189, 262-280.	0.8	15
65	Towards a better understanding of polyploid <i>Sorbus</i> (<i>Rosaceae</i>) from Bosnia and Herzegovina (Balkan) <i>Tj ETQq1 1 0.784314 rgBT /Overde</i> <i>Linnean Society</i> , 2015, 178, 670-685.	0.8	14
66	High genetic and morphological diversification of the <i>Euphorbia verrucosa</i> alliance (<i>Euphorbiaceae</i>) in the Balkan and Iberian peninsulas. <i>Taxon</i> , 2021, 70, 286-307.	0.4	14
67	No evidence of intrinsic reproductive isolation between two reciprocally non-monophyletic, ecologically differentiated mountain plants at an early stage of speciation. <i>Evolutionary Ecology</i> , 2016, 30, 1031-1042.	0.5	13
68	Polygenic routes lead to parallel altitudinal adaptation in <i>Heliosperma pusillum</i> (<i>Caryophyllaceae</i>). <i>Molecular Ecology</i> , 2023, 32, 1832-1847.	2.0	13
69	Long neglected diversity in the Accursed Mountains of northern Albania: <i>Cerastium hekuravense</i> is genetically and morphologically divergent from <i>C. dinaricum</i> . <i>Plant Systematics and Evolution</i> , 2018, 304, 57-69.	0.3	12
70	Congruent evolutionary responses of European steppe biota to late Quaternary climate change. <i>Nature Communications</i> , 2022, 13, 1921.	5.8	11
71	Is there a need for accepting paraphyletic taxa? A case study in the Sardinian endemic <i>Cymbalaria muelleri</i> (<i>Plantaginaceae</i>). <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 325-338.	0.8	10
72	Impact of Quaternary climatic oscillations on phylogeographic patterns of three habitat-segregated <i>Cerastium</i> taxa endemic to the Dinaric Alps. <i>Journal of Biogeography</i> , 2021, 48, 2022-2036.	1.4	10

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73	Genome Size Variation in <i>Dianthus sylvestris</i> Wulfen sensu lato (Caryophyllaceae). <i>Plants</i> , 2022, 11, 1481.	1.6	10
74	Taxonomic revision of <i>Atocion</i> and <i>Viscaria</i> (Sileneae, Caryophyllaceae). <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 194-210.	0.8	9
75	Multiple origins of dendroid shrubs in the eastern Mediterranean <i>Euphorbia hierosolymitanagroup</i> (Euphorbiaceae) with description of a new species, <i>Euphorbia lemesiana</i> , from Cyprus. <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 295-307.	0.8	9
76	Disentangling relationships between the amphi-Adriatic <i>Euphorbia spinosa</i> and Balkan endemic <i>E. glabriflora</i> (Euphorbiaceae). <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 358-374.	0.8	9
77	Evidence for Glacial Refugia of the Forest Understorey Species <i>Helleborus niger</i> (Ranunculaceae) in the Southern as Well as in the Northern Limestone Alps. <i>Frontiers in Plant Science</i> , 2021, 12, 683043.	1.7	9
78	Diversification of <i>Luzula</i> sect. <i>Luzula</i> (Juncaceae) on the Balkan Peninsula – a cytogenetic approach. <i>Folia Geobotanica</i> , 2016, 51, 51-63.	0.4	8
79	Phylogenetic relationships, biogeography and taxonomic revision of European taxa of Gymnospermium (Berberidaceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 298-311.	0.8	8
80	Diversification of <i>Cerastium sylvaticum</i> and <i>C. subtriflorum</i> on the margin of the south-eastern Alps. <i>Plant Systematics and Evolution</i> , 2018, 304, 1101-1115.	0.3	8
81	Long neglected diversity in the Accursed Mountains (western Balkan Peninsula): <i>Ranunculus bertisceus</i> is a genetically and morphologically divergent new species. <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 384-406.	0.8	8
82	Glacial survival in and recent long-distance dispersal to the Iberian Mountains: the phylogeographic history of <i>Artemisia umbelliformis</i> (Asteraceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 183, 587-599.	0.8	7
83	Three Tertiary <i>Euphorbia</i> species persisted in the forests of the Balkan Peninsula. <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.3	7
84	Performance comparison of two reduced-representation based genome-wide marker-discovery strategies in a multi-taxon phylogeographic framework. <i>Scientific Reports</i> , 2021, 11, 3978.	1.6	7
85	<i>Carex cespitosa</i> : reappraisal of its distribution in Europe. <i>Willdenowia</i> , 2014, 44, 327-343.	0.5	6
86	Massive introgression weakens boundaries between a regionally endemic allopolyploid and a widespread congener. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2020, 42, 125502.	1.1	6
87	Parallel local adaptation to an alpine environment in <i>Arabidopsis arenosa</i> . <i>Journal of Ecology</i> , 2022, 110, 2448-2461.	1.9	6
88	(1737) Proposal to conserve the name <i>Heliosperma</i> against <i>Ixoca</i> (Caryophyllaceae), Tj ETQq0,0,0 rgBT /Overlock 1	0.4	4
89	Diversification and distribution patterns of <i>Luzula</i> sect. <i>Luzula</i> (Juncaceae) in the Eastern Alps: a cytogenetic approach combined with extensive herbarium revisions. <i>Alpine Botany</i> , 2019, 129, 149-161.	1.1	4
90	Postglacial range expansion of high-elevation plants is restricted by dispersal ability and habitat specialization. <i>Journal of Biogeography</i> , 2022, 49, 1739-1752.	1.4	4

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91	Stability in the South, Turbulence Toward the North: Evolutionary History of <i>Aurinia saxatilis</i> (Brassicaceae) Revealed by Phylogenomic and Climatic Modelling Data. <i>Frontiers in Plant Science</i> , 2022, 13, 822331.	1.7	3
92	From Western Asia to the Mediterranean Basin: Diversification of the Widespread <i>Euphorbia nicaeensis</i> Alliance (Euphorbiaceae). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
93	No confirmation for previously suggested presence of diploid cytotypes of <i>Sesleria</i> (Poaceae) on the Balkan Peninsula. <i>Biologia (Poland)</i> , 2016, 71, 639-641.	0.8	2
94	Phylogeography of western Mediterranean <i>Cymbalaria</i> (Plantaginaceae) reveals two independent long-distance dispersals and entails new taxonomic circumscriptions. <i>Scientific Reports</i> , 2018, 8, 18079.	1.6	2
95	Ancestral remnants or peripheral segregates? Phylogenetic relationships of two narrowly endemic <i>Euphrasia</i> species (Orobanchaceae) from the eastern European Alps. <i>AoB PLANTS</i> , 2019, 11, plz007.	1.2	2
96	(2314) Proposal to reject the name <i>Euphorbia illirica</i> (<i>Euphorbiaceae</i>). <i>Taxon</i> , 2014, 63, 943-943.	0.4	1
97	Evolutionary origin and systematic position of <i>Euphorbia normanii</i> (Euphorbiaceae), an intersectional hybrid and local endemic of the Stavropol Heights (Northern Caucasus, Russia). <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.3	1
98	<i>Euphrasia ultima</i> , a new locally endemic diploid species from the Ortler/Ortles range (Italy), is a close relative of widespread allotetraploid <i>E. minima</i> . <i>Plant Biosystems</i> , 0, , 1-15.	0.8	0
99	Deep phylogeographic splits but no taxonomic structure in the disjointly distributed <i>Draba pacheri</i> (Brassicaceae), a subendemic of the Eastern Alps. <i>Folia Geobotanica</i> , 2021, 56, 179-192.	0.4	0