

# Gianluigi Bacchetta

## List of Publications by Year in descending order

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Version: 2024-02-01

281  
papers

6,771  
citations

101543

36  
h-index

118850

62  
g-index

285  
all docs

285  
docs citations

285  
times ranked

5204  
citing authors

#	ARTICLE	IF	CITATIONS
1	An updated checklist of the vascular flora native to Italy. <i>Plant Biosystems</i> , 2018, 152, 179-303.	1.6	508
2	An updated checklist of the vascular flora alien to Italy. <i>Plant Biosystems</i> , 2018, 152, 556-592.	1.6	300
3	Hotspots within hotspots: Endemic plant richness, environmental drivers, and implications for conservation. <i>Biological Conservation</i> , 2014, 170, 282-291.	4.1	174
4	Using species distribution models at local scale to guide the search of poorly known species: Review, methodological issues and future directions. <i>Ecological Modelling</i> , 2018, 385, 124-132.	2.5	163
5	Using MaxEnt modeling to predict the potential distribution of the endemic plant <i>Rosa arabica</i> CrÃ©p. in Egypt. <i>Ecological Informatics</i> , 2019, 50, 68-75.	5.2	155
6	Phylogenetic Analysis Informed by Geological History Supports Multiple, Sequential Invasions of the Mediterranean Basin by the Angiosperm Family Araceae. <i>Systematic Biology</i> , 2008, 57, 269-285.	5.6	135
7	Red Listing plants under full national responsibility: Extinction risk and threats in the vascular flora endemic to Italy. <i>Biological Conservation</i> , 2018, 224, 213-222.	4.1	131
8	Effects of ecological factors on the antioxidant potential and total phenol content of <i>Scrophularia striata</i> Boiss. <i>Scientific Reports</i> , 2019, 9, 16021.	3.3	111
9	Environmental Factors Influencing Coastal Vegetation Pattern: New Insights from the Mediterranean Basin. <i>Folia Geobotanica</i> , 2013, 48, 493-508.	0.9	98
10	Use of BCR sequential extraction procedures for soils and plant metal transfer predictions in contaminated mine tailings in Sardinia. <i>Journal of Geochemical Exploration</i> , 2017, 172, 133-141.	3.2	91
11	Delivery of liquorice extract by liposomes and hyalurosomes to protect the skin against oxidative stress injuries. <i>Carbohydrate Polymers</i> , 2015, 134, 657-663.	10.2	83
12	Earliest evidence of a primitive cultivar of <i>Vitis vinifera</i> L. during the Bronze Age in Sardinia (Italy). <i>Vegetation History and Archaeobotany</i> , 2015, 24, 587-600.	2.1	75
13	Morphological characterisation of <i>Vitis vinifera</i> L. seeds by image analysis and comparison with archaeological remains. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 231-242.	2.1	70
14	Potential use in phytoremediation of three plant species growing on contaminated mine-tailing soils in Sardinia. <i>Ecological Engineering</i> , 2011, 37, 392-398.	3.6	68
15	Thermal thresholds as predictors of seed dormancy release and germination timing: altitude-related risks from climate warming for the wild grapevine <i>Vitis vinifera</i> subsp. <i>sylvestris</i> . <i>Annals of Botany</i> , 2012, 110, 1651-1660.	2.9	68
16	Red list of threatened vascular plants in Italy. <i>Plant Biosystems</i> , 2021, 155, 310-335.	1.6	67
17	A practical method to speed up the discovery of unknown populations using Species Distribution Models. <i>Journal for Nature Conservation</i> , 2015, 24, 42-48.	1.8	63
18	The role of fencing in the success of threatened plant species translocation. <i>Plant Ecology</i> , 2016, 217, 207-217.	1.6	63

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19	Chemical composition and antimicrobial activity of essential oils obtained from leaves and flowers of <i>Salvia hydrangea</i> DC. ex Benth.. Scientific Reports, 2020, 10, 15647.	3.3	58
20	Use of Native Plants for the Remediation of Abandoned Mine Sites in Mediterranean Semiarid Environments. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 326-333.	2.7	56
21	Is legal protection sufficient to ensure plant conservation? The Italian Red List of policy species as a case study. Oryx, 2016, 50, 431-436.	1.0	56
22	The Endemic Vascular Flora of Supramontes (Sardinia), a Priority Plant Conservation Area. Candollea, 2010, 65, 347.	0.2	55
23	Using endemic-plant distribution, geology and geomorphology in biogeography: the case of Sardinia (Mediterranean Basin). Systematics and Biodiversity, 2014, 12, 181-193.	1.2	54
24	The impact of human trampling on a threatened coastal Mediterranean plant: The case of <i>Anchusa littorea</i> Moris (Boraginaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 104-110.	1.2	53
25	What is a tree in the Mediterranean Basin hotspot? A critical analysis. Forest Ecosystems, 2019, 6, .	3.1	51
26	Testing a global standard for quantifying species recovery and assessing conservation impact. Conservation Biology, 2021, 35, 1833-1849.	4.7	51
27	Morpho-colorimetric characterization by image analysis to identify diaspores of wild plant species. Flora: Morphology, Distribution, Functional Ecology of Plants, 2008, 203, 669-682.	1.2	50
28	A field experiment on the use of <i>Pistacia lentiscus</i> L. and <i>Scrophularia canina</i> L. subsp. <i>bicolor</i> (Sibth. et Sm.) Greuter for the phytoremediation of abandoned mining areas. Plant Biosystems, 2012, 146, 1054-1063.	1.6	49
29	An early evaluation of translocation actions for endangered plant species on Mediterranean islands. Plant Diversity, 2019, 41, 94-104.	3.7	47
30	Predictive Method for Correct Identification of Archaeological Charred Grape Seeds: Support for Advances in Knowledge of Grape Domestication Process. PLoS ONE, 2016, 11, e0149814.	2.5	47
31	A checklist of the exclusive vascular flora of Sardinia with priority rankings for conservation. Anales Del Jardin Botanico De Madrid, 2012, 69, 81-89.	0.4	45
32	From cold to warm-stage refugia for boreo-alpine plants in southern European and Mediterranean mountains: the last chance to survive or an opportunity for speciation?. Biodiversity, 2015, 16, 247-261.	1.1	44
33	Polymer-associated liposomes for the oral delivery of grape pomace extract. Colloids and Surfaces B: Biointerfaces, 2016, 146, 910-917.	5.0	43
34	Thermal niche for in situ seed germination by Mediterranean mountain streams: model prediction and validation for <i>Rhamnus persicifolia</i> seeds. Annals of Botany, 2013, 112, 1887-1897.	2.9	42
35	Conserving plant diversity in Europe: outcomes, criticisms and perspectives of the Habitats Directive application in Italy. Biodiversity and Conservation, 2017, 26, 309-328.	2.6	42
36	Taxonomic revision of the <i>Dianthus sylvestris</i> group (Caryophyllaceae) in central-southern Italy, Sicily and Sardinia. Nordic Journal of Botany, 2010, 28, 137-173.	0.5	41

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37	Development of a coastal dune vulnerability index for Mediterranean ecosystems: A useful tool for coastal managers?. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 84-95.	2.1	40
38	From waste to health: sustainable exploitation of grape pomace seed extract to manufacture antioxidant, regenerative and prebiotic nanovesicles within circular economy. <i>Scientific Reports</i> , 2020, 10, 14184.	3.3	40
39	A Common Approach to the Conservation of Threatened Island Vascular Plants: First Results in the Mediterranean Basin. <i>Diversity</i> , 2020, 12, 157.	1.7	39
40	The vegetation of mining dumps in SW-Sardinia. <i>Feddes Repertorium</i> , 2005, 116, 243-276.	0.5	38
41	Adaptation to habitat in <i>Aquilegia</i> species endemic to Sardinia (Italy): Seed dispersal, germination and persistence in the soil. <i>Plant Biosystems</i> , 2012, 146, 374-383.	1.6	38
42	Archaeobotanical analysis of a Bronze Age well from Sardinia: A wealth of knowledge. <i>Plant Biosystems</i> , 2015, 149, 205-215.	1.6	38
43	The reliability of conservation status assessments at regional level: Past, present and future perspectives on <i>Gentiana lutea</i> L. ssp. <i>lutea</i> in Sardinia. <i>Journal for Nature Conservation</i> , 2016, 33, 1-9.	1.8	38
44	Spatial genetic structure of <i>Aquilegia</i> taxa endemic to the island of Sardinia. <i>Annals of Botany</i> , 2012, 109, 953-964.	2.9	37
45	Statistical seed classifiers of 10 plant families representative of the Mediterranean vascular flora. <i>Seed Science and Technology</i> , 2010, 38, 455-476.	1.4	36
46	Distribution, status and conservation of a Critically Endangered, extremely narrow endemic: <i>Lamyropsis microcephala</i> (Asteraceae) in Sardinia. <i>Oryx</i> , 2011, 45, 180-186.	1.0	36
47	The conservation status and anthropogenic impacts assessments of Mediterranean coastal dunes. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 25-31.	2.1	36
48	Zn, Pb and Hg Contents of <i>Pistacia lentiscus</i> L. Grown on Heavy Metal-Rich Soils: Implications for Phytostabilization. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	35
49	Extraction of essential oil from <i>Dracocephalum kotschyi</i> Boiss. (Lamiaceae), identification of two active compounds and evaluation of the antimicrobial properties. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113513.	4.1	35
50	The Checklist of the Sardinian Alien Flora: an Update. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 14.	1.1	34
51	The effectiveness of plant conservation measures: the <i>Dianthus morisianus</i> reintroduction. <i>Oryx</i> , 2013, 47, 203-206.	1.0	34
52	Seed image analysis provides evidence of taxonomical differentiation within the <i>Lavatera triloba</i> aggregate (Malvaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 468-472.	1.2	33
53	Current and future effectiveness of the Natura 2000 network for protecting plant species in Sardinia: a nice and complex strategy in its raw state?. <i>Journal of Environmental Planning and Management</i> , 2018, 61, 332-347.	4.5	33
54	Chemical characterization of <i>Citrus limon</i> var. <i>pompia</i> and incorporation in phospholipid vesicles for skin delivery. <i>International Journal of Pharmaceutics</i> , 2016, 506, 449-457.	5.2	32

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55	Phylogenetic relationships of Ruteae (Rutaceae): New evidence from the chloroplast genome and comparisons with non-molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 736-748.	2.7	31
56	Interchangeable effects of gibberellic acid and temperature on embryo growth, seed germination and epicotyl emergence in <i>Ribes multiflorum</i> ssp. <i>sandalioticum</i> (Grossulariaceae). <i>Plant Biology</i> , 2012, 14, 77-87.	3.8	31
57	Computer vision as a method complementary to molecular analysis: Grapevine cultivar seeds case study. <i>Comptes Rendus - Biologies</i> , 2012, 335, 602-615.	0.2	31
58	Are Red Lists really useful for plant conservation? The New Red List of the Italian Flora in the perspective of national conservation policies. <i>Plant Biosystems</i> , 2014, 148, 187-190.	1.6	31
59	Protective effect of grape extract phospholipid vesicles against oxidative stress skin damages. <i>Industrial Crops and Products</i> , 2016, 83, 561-567.	5.2	31
60	Molecular phylogeography of <i>Thymus herba-barona</i> (Lamiaceae): Insight into the evolutionary history of the flora of the western Mediterranean islands. <i>Taxon</i> , 2011, 60, 1295-1305.	0.7	30
61	From seed to seedling: A critical transitional stage for the Mediterranean psammophilous species <i>Dianthus morisianus</i> (Caryophyllaceae). <i>Plant Biosystems</i> , 2012, 146, 910-917.	1.6	30
62	Inter- and intra-specific variability in seed dormancy loss and germination requirements in the <i>Lavatera triloba</i> aggregate (Malvaceae). <i>Plant Ecology and Evolution</i> , 2015, 148, 100-110.	0.7	30
63	Notulae to the Italian alien vascular flora: 6. <i>Italian Botanist</i> , 0, 6, 65-90.	0.0	30
64	Disentangling the influence of environmental and anthropogenic factors on the distribution of endemic vascular plants in Sardinia. <i>PLoS ONE</i> , 2017, 12, e0182539.	2.5	29
65	Nanoincorporation of bioactive compounds from red grape pomaces: In vitro and ex vivo evaluation of antioxidant activity. <i>International Journal of Pharmaceutics</i> , 2017, 523, 159-166.	5.2	28
66	Checklist of gypsophilous vascular flora in Italy. <i>PhytoKeys</i> , 2018, 103, 61-82.	1.0	27
67	Seed germination and survival of the endangered psammophilous <i>Rouya polygama</i> (Apiaceae) in different light, temperature and NaCl conditions. <i>Seed Science Research</i> , 2014, 24, 331-339.	1.7	26
68	Morpho-colorimetric analysis and seed germination of <i>Brassica insularis</i> Moris (Brassicaceae) populations. <i>Plant Biology</i> , 2015, 17, 335-343.	3.8	26
69	Seed germination, salt stress tolerance and seedling growth of <i>Opuntia ficus-indica</i> (Cactaceae), invasive species in the Mediterranean Basin. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 229, 50-57.	1.2	26
70	First finds of <i>Prunus domestica</i> L. in Italy from the Phoenician and Punic periods (6th–2nd centuries) <i>TJ ETQq0 0 0 rgBT / Overlock 10 T</i>	2.1	26
71	Notulae to the Italian alien vascular flora: 8. <i>Italian Botanist</i> , 0, 8, 63-93.	0.0	26
72	Comparative Analysis of the Alien Vascular Flora of Sardinia and Corsica. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2016, 44, 337-346.	1.1	25

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73	Is vegetation an indicator for evaluating the impact of tourism on the conservation status of Mediterranean coastal dunes?. <i>Science of the Total Environment</i> , 2019, 674, 255-263.	8.0	25
74	Variability in chemical composition and antimicrobial activity of essential oil of <i>Rosa damascena</i> Herm. from mountainous regions of Iran. <i>Chemical and Biological Technologies in Agriculture</i> , 2021, 8, .	4.6	25
75	Extraction of the antioxidant phytocomplex from wine-making by-products and sustainable loading in phospholipid vesicles specifically tailored for skin protection. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111959.	5.6	25
76	Notulae to the Italian native vascular flora: 6. <i>Italian Botanist</i> , 0, 6, 45-64.	0.0	25
77	Notulae to the Italian alien vascular flora: 7. <i>Italian Botanist</i> , 0, 7, 157-182.	0.0	25
78	A new method to set conservation priorities in biodiversity hotspots. <i>Plant Biosystems</i> , 0, , 1-11.	1.6	24
79	Light, temperature, dry after ripening and salt stress effects on seed germination of <i>Phleum sardoum</i> ( <i>Phleum sardoum</i> ) ( <i>Phleum sardoum</i> ) ( <i>Phleum sardoum</i> ). <i>Plant Species Biology</i> , 2014, 29, 300-305.	1.0	24
80	Seed germination, salt-stress tolerance, and the effect of nitrate on three Tyrrhenian coastal species of the <i>Silene mollissima</i> aggregate (Caryophyllaceae). <i>Botany</i> , 2015, 93, 881-892.	1.0	24
81	Using extinctions in species distribution models to evaluate and predict threats: a contribution to plant conservation planning on the island of Sardinia. <i>Environmental Conservation</i> , 2018, 45, 11-19.	1.3	24
82	Comparative germination ecology of the endemic <i>Centranthus amazonum</i> (Valerianaceae) and its widespread congener <i>Centranthus ruber</i> . <i>Plant Species Biology</i> , 2010, 25, 165-172.	1.0	23
83	Seed germination responses to varying environmental conditions and provenances in <i>Crucianella maritima</i> L., a threatened coastal species. <i>Comptes Rendus - Biologies</i> , 2012, 335, 26-31.	0.2	23
84	Seeds morpho-colourimetric analysis as complementary method to molecular characterization of melon diversity. <i>Scientia Horticulturae</i> , 2015, 192, 441-452.	3.6	23
85	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
86	Effects of NaCl stress on seed germination and seedling development of <i>Brassica insularis</i> Moris (Brassicaceae). <i>Plant Biology</i> , 2017, 19, 368-376.	3.8	23
87	Morpho-colorimetric characterisation of <i>Malva</i> alliance taxa by seed image analysis. <i>Plant Biology</i> , 2017, 19, 90-98.	3.8	23
88	Identification of Sardinian Species of <i>Astragalus</i> Section <i>Melanocercis</i> (Fabaceae) by Seed Image Analysis. <i>Annales Botanici Fennici</i> , 2011, 48, 449-454.	0.1	22
89	Comparison of the invasive alien flora in continental islands: Sardinia (Italy) and Balearic Islands (Spain). <i>Rendiconti Lincei</i> , 2011, 22, 31-45.	2.2	22
90	Conservation of endemic insular plants: the genus <i>Ribes</i> L. (Grossulariaceae) in Sardinia. <i>Oryx</i> , 2012, 46, 219-222.	1.0	22

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91	Phenotypic identification of plum varieties ( <i>Prunus domestica</i> L.) by endocarps morpho-colorimetric and textural descriptors. <i>Computers and Electronics in Agriculture</i> , 2017, 136, 25-30.	7.7	22
92	The impact of climatic variations on the reproductive success of <i>Gentiana lutea</i> L. in a Mediterranean mountain area. <i>International Journal of Biometeorology</i> , 2018, 62, 1283-1295.	3.0	22
93	Potential use of seed morpho-colourimetric analysis for Sardinian apple cultivar characterisation. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 373-379.	7.7	22
94	Systematics, phylogenetic relationships and conservation of the taxa of <i>Anchusa</i> (Boraginaceae) endemic to Sardinia (Italy). <i>Systematics and Biodiversity</i> , 2008, 6, 161-174.	1.2	21
95	Use of native species and biodegradable chelating agents in the phytoremediation of abandoned mining areas. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 884-889.	3.2	21
96	Assessing the potential invasiveness of <i>Cortaderia selloana</i> in Sardinian wetlands through seed germination study. <i>Plant Biosystems</i> , 2010, 144, 518-527.	1.6	21
97	Inter- and intraspecific morphometric variability in <i>Juniperus</i> L. seeds (Cupressaceae). <i>Systematics and Biodiversity</i> , 2014, 12, 211-223.	1.2	21
98	Thermal thresholds for seed germination in Mediterranean species are higher in mountain compared with lowland areas. <i>Seed Science Research</i> , 2019, 29, 44-54.	1.7	21
99	Conservation genetics of two island endemic <i>Ribes</i> spp. (Rosulariaceae) of Sardinia: survival or extinction?. <i>Plant Biology</i> , 2015, 17, 1085-1094.	3.8	20
100	Santosomes as natural and efficient carriers for the improvement of phycocyanin reepithelising ability in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 103, 149-158.	4.3	20
101	Metal Tolerance Capability of <i>Helichrysum microphyllum</i> Cambess. subsp. <i>tyrrhenicum</i> Bacch., Brullo & Giusso: A Candidate for Phytostabilization in Abandoned Mine Sites. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 758-765.	2.7	20
102	Endemic and alien vascular plant diversity in the small Mediterranean islands of Sardinia: Drivers and implications for their conservation. <i>Biological Conservation</i> , 2020, 244, 108519.	4.1	20
103	Evidence of Delayed Selfing in <i>Fumana juniperina</i> (Cistaceae). <i>International Journal of Plant Sciences</i> , 2008, 169, 761-767.	1.3	19
104	Genetic variability of the narrow endemic <i>Rhamnus persicifolia</i> Moris (Rhamnaceae) and its implications for conservation. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 477-484.	1.3	19
105	Relationships between coastal sand dune properties and plant community distribution: The case of Is Arenas (Sardinia). <i>Plant Biosystems</i> , 0, , 1-17.	1.6	19
106	Study of Zn, Cu and Pb content in plants and contaminated soils in Sardinia. <i>Plant Biosystems</i> , 2014, 148, 419-428.	1.6	19
107	The European <i>Juniperus</i> habitat in the Sardinian coastal dunes: Implication for conservation. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 214-220.	2.1	19
108	Sequential temperature control of multi-phasic dormancy release and germination of <i>Paeonia corsica</i> seeds. <i>Journal of Plant Ecology</i> , 2016, 9, 464-473.	2.3	19

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109	Inter- and intraspecific diversity in <i>Cistus</i> L. (Cistaceae) seeds, analysed with computer vision techniques. <i>Plant Biology</i> , 2017, 19, 183-190.	3.8	19
110	How to include the impact of climate change in the extinction risk assessment of policy plant species?. <i>Journal for Nature Conservation</i> , 2018, 44, 43-49.	1.8	19
111	Effects of zinc and lead on seed germination of <i>Helichrysum microphyllum</i> subsp. <i>tyrrhenicum</i> , a metal-tolerant plant. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 1917-1928.	3.5	19
112	Notulae to the Italian native vascular flora: 7. <i>Italian Botanist</i> , 0, 7, 125-148.	0.0	19
113	Dissecting seed dormancy and germination in <i>Aquilegia barbaricina</i> , through thermal kinetics of embryo growth. <i>Plant Biology</i> , 2017, 19, 983-993.	3.8	18
114	Does a correlation exist between environmental suitability models and plant population parameters? An experimental approach to measure the influence of disturbances and environmental changes. <i>Ecological Indicators</i> , 2018, 86, 1-8.	6.3	18
115	Global analyses underrate part of the story: finding applicable results for the conservation planning of small Sardinian islets' flora. <i>Biodiversity and Conservation</i> , 2016, 25, 1091-1106.	2.6	17
116	Effectiveness of a computer vision technique in the characterization of wild and farmed olives. <i>Computers and Electronics in Agriculture</i> , 2016, 122, 86-93.	7.7	17
117	Critical checklist of the endemic vascular plants of Egypt. <i>Phytotaxa</i> , 2018, 360, 19.	0.3	17
118	The unpredictable fate of the single population of a threatened narrow endemic Mediterranean plant. <i>Biodiversity and Conservation</i> , 2019, 28, 1799-1813.	2.6	17
119	Phylogenetically informed spatial planning as a tool to prioritise areas for threatened plant conservation within a Mediterranean biodiversity hotspot. <i>Science of the Total Environment</i> , 2019, 665, 1046-1052.	8.0	17
120	Molecular and morphological characterisation of the oldest <i>Cucumis melo</i> L. seeds found in the Western Mediterranean Basin. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 789-810.	1.8	17
121	Mineralogy and Zn Chemical Speciation in a Soil-Plant System from a Metal-Extreme Environment: A Study on <i>Helichrysum microphyllum</i> subsp. <i>tyrrhenicum</i> (Campo Pisano Mine, SW Sardinia, Italy). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 259.	2.0	17
122	Combining conservation status and species distribution models for planning assisted colonisation under climate change. <i>Journal of Ecology</i> , 2021, 109, 2284-2295.	4.0	17
123	The Endemic Vascular Flora of Sardinia: A Dynamic Checklist with an Overview of Biogeography and Conservation Status. <i>Plants</i> , 2022, 11, 601.	3.5	17
124	Effects of timing of emergence and microhabitat conditions on the seedling performance of a coastal Mediterranean plant. <i>Ecoscience</i> , 2013, 20, 131-136.	1.4	16
125	Geographic isolation affects inter- and intra-specific seed variability in the <i>Astragalus tragacantha</i> complex, as assessed by morpho-colorimetric analysis. <i>Comptes Rendus - Biologies</i> , 2013, 336, 102-108.	0.2	16
126	A new technological approach to improve the efficacy of a traditional herbal medicinal product in wound healing. <i>Industrial Crops and Products</i> , 2015, 63, 71-78.	5.2	16



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127	Seed morphometry is suitable for apple-germplasm diversity-analyses. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 118-125.	7.7	16
128	The germination niche of coastal dune species as related to their occurrence along a sea-“inland gradient. <i>Journal of Vegetation Science</i> , 2020, 31, 1112-1121.	2.2	16
129	Floristic Traits and Biogeographic Characterization of the Gennargentu Massif (Sardinia). <i>Candollea</i> , 2013, 68, 209.	0.2	15
130	Comparative germination ecology and seedling growth of two Ibero-Levantine endemic species belonging to the <i>Silene mollissima</i> aggregate (Caryophyllaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 227, 10-17.	1.2	15
131	Bioaugmentation-Assisted Phytostabilisation of Abandoned Mine Sites in South West Sardinia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 310-316.	2.7	15
132	Is time on our side? Strengthening the link between field efforts and conservation needs. <i>Biodiversity and Conservation</i> , 2014, 23, 421-431.	2.6	14
133	Spatial patterns of genus-level phylogenetic endemism in the tree flora of Mediterranean Europe. <i>Diversity and Distributions</i> , 2021, 27, 913-928.	4.1	14
134	Comparación de la flora exótica vascular en sistemas de islas continentales: Cerdeña (Italia) y Baleares (España). <i>Anales Del Jardin Botanico De Madrid</i> , 2010, 67, 157-176.	0.4	14
135	Seed dormancy and germination ecology of <i>Lamyropsis microcephala</i> : a mountain endemic species of Sardinia (Italy). <i>Seed Science and Technology</i> , 2009, 37, 491-497.	1.4	13
136	Ecological remarks on <i>Astragalus maritimus</i> and <i>A. verrucosus</i> , two threatened exclusive endemic species of Sardinia. <i>Acta Botanica Gallica</i> , 2011, 158, 79-91.	0.9	13
137	Mediterranean <i>Taxus baccata</i> woodlands in Sardinia: a characterization of the EU priority habitat 9580. <i>Phytocoenologia</i> , 2012, 41, 231-246.	0.5	13
138	The genetic diversity and spatial genetic structure of the Corsican Sardinian endemic <i>Ferula arrigonii</i> <i>Bocchieri</i> (Asteraceae). <i>Plant Biology</i> , 2014, 16, 1005-1013.	3.8	13
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140	Seed morpho-colorimetric analysis by computer vision: a helpful tool to identify grapevine ( <i>Vitis vinifera</i> L.) cultivars. <i>Australian Journal of Grape and Wine Research</i> , 2015, 21, 508-519.	2.1	13
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144	<i>Gentiana lutea</i> L. subsp. <i>lutea</i> seed germination: natural versus controlled conditions. <i>Botany</i> , 2016, 94, 653-659.	1.0	13

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147	Notulae to the Italian native vascular flora: 8. <i>Italian Botanist</i> , 0, 8, 95-116.	0.0	13
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150	The Aichi Biodiversity Target 12 at regional level: an achievable goal?. <i>Biodiversity</i> , 2015, 16, 120-135.	1.1	12
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157	The importance of the <i>Cisto-Lavanduletalia</i> coastal habitat on population persistence of the narrow endemic <i>Dianthus morisianus</i> ( <i>Dianthus</i> sp.) <i>Plant Species Biology</i> , 2017, 32, 156-168.	1.0	11
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162	Implementation of IUCN criteria for the definition of the Red List of Ecosystems in Italy. <i>Plant Biosystems</i> , 2020, 154, 1007-1011.	1.6	11

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174	Spatially assessing plant diversity for conservation: A Mediterranean case study. <i>Journal for Nature Conservation</i> , 2018, 41, 35-43.	1.8	10
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178	Proposals for improvement of Annex I of Directive 92/43/EEC: Sardinia. <i>Plant Sociology</i> , 2021, 58, 65-76.	2.4	10
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182	<i>Hypericum scruglii</i> sp. nov. (Guttiferae) from Sardinia. <i>Nordic Journal of Botany</i> , 2010, 28, 469-474.	0.5	9
183	What drives riparian plant taxa and assemblages in Mediterranean rivers?. <i>Aquatic Sciences</i> , 2017, 79, 371-384.	1.5	9
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189	IDPlanT: the Italian database of plant translocation. <i>Plant Biosystems</i> , 2021, 155, 1174-1177.	1.6	9
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191	Typification of the name <i>Lavatera triloba</i> subsp. <i>pallenscens</i> (Moris) Nyman and reassessment of <i>L. minoricensis</i> Cambess. ( <i>L. triloba</i> subsp. <i>Tj ETQq0.4 0.784014 rgBT</i> )		
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202	Morpho-Colorimetric Characterization of the Sardinian Endemic Taxa of the Genus <i>Anchusa</i> L. by Seed Image Analysis. <i>Plants</i> , 2020, 9, 1321.	3.5	8
203	From global to local scale: where is the best for conservation purpose?. <i>Biodiversity and Conservation</i> , 2021, 30, 183-200.	2.6	8
204	Knowledge gaps and challenges for conservation of Mediterranean wetlands: Evidence from a comprehensive inventory and literature analysis for Sardinia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2621-2631.	2.0	8
205	La flora vascolare della Penisola del Sinis (Sardegna Occidentale). <i>Acta Botanica Malacitana</i> , 0, 33, 91-124.	0.0	8
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209	Analysis of the <i>Genista ephedroides</i> group ( <i>Fabaceae</i> ) based on karyological, molecular and morphological data. <i>Caryologia</i> , 2012, 65, 47-61.	0.3	7
210	Distribution of endemic and alien plants along Mediterranean rivers: A useful tool to identify areas in need of protection?. <i>Comptes Rendus - Biologies</i> , 2013, 336, 416-423.	0.2	7
211	The genetic diversity and structure of the <i>Ferula communis</i> L. complex ( <i>Apiaceae</i> ) in the Tyrrhenian area. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 223, 138-146.	1.2	7
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218	Notulae to the Italian native vascular flora: 11. <i>Italian Botanist</i> , 0, 11, 77-92.	0.0	7
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230	A comprehensive, genus-level time-calibrated phylogeny of the tree flora of Mediterranean Europe and an assessment of its vulnerability. <i>Botany Letters</i> , 2020, 167, 276-289.	1.4	6
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233	Notulae to the Italian alien vascular flora: 12. <i>Italian Botanist</i> , 0, 12, 105-121.	0.0	6
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236	La flora del distretto minerario di Montevecchio (Sardegna sud-occidentale). <i>Webbia</i> , 2007, 62, 27-52.	0.3	5
237	<i>Arundo micrantha</i> , a new reed species for Italy, threatened in the freshwater habitat by the congeneric invasive <i>A. donax</i> . <i>Plant Biosystems</i> , 2013, 147, 717-729.	1.6	5
238	Initial constraints in seedling dynamics of <i>Juniperus macrocarpa</i> Sm.. <i>Plant Ecology</i> , 2014, 215, 853-861.	1.6	5
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240	A new species of <i>Ferula</i> (Apiaceae) from Malta. <i>Phytotaxa</i> , 2018, 382, 74.	0.3	5
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246	Regional responsibility for plant conservation: The 2010 GSPC Target 8 in Sardinia. <i>Plant Biosystems</i> , 0, 1-5.	1.6	4
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248	Inhibitory effect of rosemary essential oil, loaded in liposomes, on seed germination of <i>Acacia saligna</i> , an invasive species in Mediterranean ecosystems. <i>Botany</i> , 2019, 97, 283-291.	1.0	4
249	Seed germination requirements of <i>Hypericum scruglii</i> , an endangered medicinal plant species of Sardinia (Italy). <i>Botany</i> , 2020, 98, 615-621.	1.0	4
250	<p><strong>Taxonomic remarks on <em>Genista</em> <em>salzmannii</em> group (Fabaceae) in Sardinia and Corsica</strong></p><p></p>	0.3	4
251	Assessing the potential for restoring Mediterranean coastal dunes under pressure from tourism. <i>Journal of Coastal Conservation</i> , 2022, 26, .	1.6	4
252	CEPHALARIA BIGAZZII (DIPSACACEAE), A NEW RELIC SPECIES OF THE CEPHALARIA SQUAMIFLORA GROUP FROM SARDINIA. <i>Edinburgh Journal of Botany</i> , 2008, 65, 145-155.	0.4	3

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254	Lamyropsisgenus in the Mediterranean area: Phylogenetic position of <i>L. microcephala</i> (Asteraceae:). <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.6	3
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257	Global and Regional IUCN Red List Assessments: 6. <i>Italian Botanist</i> , 0, 6, 31-44.	0.0	3
258	Reproductive biology of the narrow endemic <i>Anchusa littorea</i> Moris (Boraginaceae), an endangered coastal Mediterranean plant. <i>Turkish Journal of Botany</i> , 2015, 39, 642-652.	1.2	3
259	Niche Differentiation at Multiple Spatial Scales on Large and Small Mediterranean Islands for the Endemic <i>Silene velutina</i> Pourr. ex Loisel. (Caryophyllaceae). <i>Plants</i> , 2021, 10, 2298.	3.5	3
260	Notulae to the Italian alien vascular flora: 13. <i>Italian Botanist</i> , 0, 13, 27-44.	0.0	3
261	La flora del Monte Arcuentu (Sardegna sud occidentale). <i>Webbia</i> , 2007, 62, 175-204.	0.3	2
262	Studi di biologia della conservazione di specie vegetali endemiche della Sardegna nell'ambito del progetto "GENMEDOC". <i>Webbia</i> , 2008, 63, 293-307.	0.3	2
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265	Studying the link between physiological performance of <i>Crotalaria ochroleuca</i> and the distribution of Ca, P, K and S in seeds with X-ray fluorescence. <i>PLoS ONE</i> , 2019, 14, e0222987.	2.5	2
266	Production of <i>Pityrocarpa moniliformis</i> (Benth.) Luckow & R.W. Jobson (Fabaceae) seedlings irrigated with saline water. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2021, 25, 182-188.	1.1	2
267	Conservation status of the Italian flora under the 92/43/EEC "Habitats" Directive. <i>Plant Biosystems</i> , 2021, 155, 1168-1173.	1.6	2
268	Notulae to the Italian native vascular flora: 12. <i>Italian Botanist</i> , 0, 12, 85-103.	0.0	2
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270	Territory defence throughout conservation of the plant diversity: the project of the Protected Sea Area of Capo Carbonara (South eastern Sardinia). , 2006, , .		1



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272	<i>Arundo mediterranea</i> Danin (Poaceae) en la Península Ibérica. <i>Acta Botanica Malacitana</i> , 0, 36, 186-189.	0.0	1
273	A new species of <i>Hypochaeris</i> (Asteraceae, Cichorieae) from Sardinia. <i>Willdenowia</i> , 2003, 33, 71-78.	0.8	1
274	Incorporating the visibility analysis of fire lookouts for old-growth wood fire risk reduction in the Mediterranean island of Sardinia. <i>Geocarto International</i> , 2022, 37, 10320-10330.	3.5	1
275	Investigating Plant-Bird Co-Occurrence Patterns in Mediterranean Wetlands: Can They Reveal Signals of Ecosystem Connectivity?. <i>Diversity</i> , 2022, 14, 253.	1.7	1
276	Discovering Plum, Watermelon and Grape Cultivars Founded in a Middle Age Site of Sassari (Sardinia). <i>Journal of Heredity</i> , 2022, 113, 1000-1008.	3.5	1
277	Re-establishment of <i>Silene neglecta</i> Ten. (Caryophyllaceae) with taxonomic notes on some related taxa. <i>PhytoKeys</i> , 0, 195, 143-160.	1.0	1
278	Carignan Grape Cultivar Salt Tolerance during the Germination Phase across the Mediterranean Basin. <i>Seeds</i> , 2022, 1, 136-145.	1.8	1
279	Classification of the Sardinian pine woodlands. <i>Mediterranean Botany</i> , 0, 43, e72699.	0.9	1
280	Pollen morphology of <i>Helianthemum caput-felis</i> Boiss. (Cistaceae). <i>Grana</i> , 2020, 59, 444-453.	0.8	0
281	Does an open access journal about vegetation still make sense in 2020?. <i>Plant Sociology</i> , 2020, 57, 85-88.	2.4	0