

Fabio Attorre

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,624
citations

201575

27
h-index

161767

54
g-index

112
all docs

112
docs citations

112
times ranked

6009
citing authors

#	ARTICLE	IF	CITATIONS
1	Global trait–environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018, 2, 1906-1917.	3.4	397
2	The extent of forest in dryland biomes. <i>Science</i> , 2017, 356, 635-638.	6.0	300
3	European Vegetation Archive (EVA): an integrated database of European vegetation plots. <i>Applied Vegetation Science</i> , 2016, 19, 173-180.	0.9	247
4	Topography–driven isolation, speciation and a global increase of endemism with elevation. <i>Global Ecology and Biogeography</i> , 2016, 25, 1097-1107.	2.7	243
5	EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats. <i>Applied Vegetation Science</i> , 2020, 23, 648-675.	0.9	186
6	sPlot – A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	1.1	185
7	Comparison of interpolation methods for mapping climatic and bioclimatic variables at regional scale. <i>International Journal of Climatology</i> , 2007, 27, 1825-1843.	1.5	142
8	A comparative framework for broad-scale plot-based vegetation classification. <i>Applied Vegetation Science</i> , 2015, 18, 543-560.	0.9	126
9	Alien plant invasions in European woodlands. <i>Diversity and Distributions</i> , 2017, 23, 969-981.	1.9	98
10	Will dragonblood survive the next period of climate change? Current and future potential distribution of <i>Dracaena cinnabari</i> (Socotra, Yemen). <i>Biological Conservation</i> , 2007, 138, 430-439.	1.9	82
11	Global distribution and bioclimatic characterization of alpine biomes. <i>Ecography</i> , 2020, 43, 779-788.	2.1	75
12	Changes in composition, ecology and structure of high-mountain vegetation: a re-visitation study over 42 years. <i>AoB PLANTS</i> , 2016, 8, .	1.2	67
13	Evaluating the effects of climate change on tree species abundance and distribution in the Italian peninsula. <i>Applied Vegetation Science</i> , 2011, 14, 242-255.	0.9	62
14	Global patterns and drivers of alpine plant species richness. <i>Global Ecology and Biogeography</i> , 2021, 30, 1218-1231.	2.7	59
15	VegItaly: The Italian collaborative project for a national vegetation database. <i>Plant Biosystems</i> , 2012, 146, 756-763.	0.8	52
16	Habitat conservation in Italy: the state of the art in the light of the first European Red List of Terrestrial and Freshwater Habitats. <i>Rendiconti Lincei</i> , 2018, 29, 251-265.	1.0	50
17	sPlotOpen – An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	2.7	49
18	Landscape changes of Rome through tree-lined roads. <i>Landscape and Urban Planning</i> , 2000, 49, 115-128.	3.4	47

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19	Dimensions of invasiveness: Links between local abundance, geographic range size, and habitat breadth in Europe's alien and native floras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
20	Ecosystem mapping for the implementation of the European Biodiversity Strategy at the national level: The case of Italy. <i>Environmental Science and Policy</i> , 2017, 78, 173-184.	2.4	42
21	Classification and distribution patterns of plant communities on <i>Socotra Island</i> , <i>Yemen</i> . <i>Applied Vegetation Science</i> , 2013, 16, 148-165.	0.9	40
22	Distance decay 2.0 – A global synthesis of taxonomic and functional turnover in ecological communities. <i>Global Ecology and Biogeography</i> , 2022, 31, 1399-1421.	2.7	40
23	Spatio-temporal variations in the application of the Braun-Blanquet approach in Europe. <i>Phytocoenologia</i> , 2018, 48, 239-250.	1.2	38
24	Developing conservation strategies for endemic tree species when faced with time and data constraints: <i>Boswellia</i> spp. on Socotra (Yemen). <i>Biodiversity and Conservation</i> , 2011, 20, 1483-1499.	1.2	34
25	A methodological approach for assessing the effects of disturbance factors on the conservation status of Mediterranean coastal dune systems. <i>Applied Vegetation Science</i> , 2013, 16, 333-342.	0.9	31
26	Effects of habitat configuration and quality on species richness and distribution in fragmented forest patches near Rome. <i>Journal of Vegetation Science</i> , 2010, 21, 55-65.	1.1	30
27	Plant sciences and the Italian National Biodiversity Network. <i>Plant Biosystems</i> , 2011, 145, 758-761.	0.8	29
28	Model-based assessment of ecological adaptations of three forest tree species growing in Italy and impact on carbon and water balance at national scale under current and future climate scenarios. <i>IForest</i> , 2012, 5, 235-246.	0.5	28
29	The relationship between niche breadth and range size of beech (<i>Fagus</i>) species worldwide. <i>Journal of Biogeography</i> , 2021, 48, 1240-1253.	1.4	25
30	Neophyte invasions in European grasslands. <i>Journal of Vegetation Science</i> , 2021, 32, e12994.	1.1	25
31	Alien plant invasions in Mediterranean habitats: an assessment for Sicily. <i>Biological Invasions</i> , 2021, 23, 3091-3107.	1.2	25
32	The biogeography of alien plant invasions in the Mediterranean Basin. <i>Journal of Vegetation Science</i> , 2021, 32, e12980.	1.1	24
33	The use of spatial ecological modelling as a tool for improving the assessment of geographic range size of threatened species. <i>Journal for Nature Conservation</i> , 2013, 21, 48-55.	0.8	22
34	Vegetation mapping from high-resolution satellite images in the heterogeneous arid environments of Socotra Island (Yemen). <i>Journal of Applied Remote Sensing</i> , 2013, 7, 073527.	0.6	22
35	Post-glacial determinants of regional species pools in alpine grasslands. <i>Global Ecology and Biogeography</i> , 2021, 30, 1101-1115.	2.7	22
36	Modelling the spatial distribution of tree species with fragmented populations from abundance data. <i>Community Ecology</i> , 2009, 10, 215-224.	0.5	21

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37	Similar factors underlie tree abundance in forests in native and alien ranges. <i>Global Ecology and Biogeography</i> , 2020, 29, 281-294.	2.7	21
38	More nature in the city. <i>Plant Biosystems</i> , 2020, 154, 1003-1006.	0.8	21
39	Is cellular automata algorithm able to predict the future dynamical shifts of tree species in Italy under climate change scenarios? A methodological approach. <i>Ecological Modelling</i> , 2011, 222, 925-934.	1.2	19
40	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.	0.8	19
41	Classifying and Mapping Potential Distribution of Forest Types Using a Finite Mixture Model. <i>Folia Geobotanica</i> , 2014, 49, 313-335.	0.4	18
42	Earth Observation and Biodiversity Big Data for Forest Habitat Types Classification and Mapping. <i>Remote Sensing</i> , 2021, 13, 1231.	1.8	18
43	Determinants of plant species invasions in an arid island: evidence from Socotra Island (Yemen). <i>Plant Ecology</i> , 2012, 213, 1381-1392.	0.7	17
44	Assessing ozone and nitrogen impact on net primary productivity with a Generalised non-Linear Model. <i>Environmental Pollution</i> , 2013, 172, 250-263.	3.7	17
45	Global functional variation in alpine vegetation. <i>Journal of Vegetation Science</i> , 2021, 32, e13000.	1.1	17
46	Nationwide Vegetation Plot Database "Sapienza University of Rome: "state of the art, basic figures and future perspectives. <i>Phytocoenologia</i> , 2017, 47, 221-229.	1.2	17
47	Predicting the effect of climate change on tree species abundance and distribution at a regional scale. <i>IForest</i> , 2008, 1, 132-139.	0.5	17
48	New trends in biodiversity informatics. <i>Plant Biosystems</i> , 2012, 146, 749-751.	0.8	16
49	A multiple approach for the evaluation of the spatial distribution and dynamics of a forest habitat: the case of Apennine beech forests with <i>Taxus baccata</i> and <i>Ilex aquifolium</i> . <i>Biodiversity and Conservation</i> , 2009, 18, 3099-3113.	1.2	15
50	Implementing REDD+ in Papua New Guinea: Can biodiversity indicators be effectively integrated in PNG's National Forest Inventory?. <i>Plant Biosystems</i> , 2014, 148, 519-528.	0.8	15
51	Diversity of European habitat types is correlated with geography more than climate and human pressure. <i>Ecology and Evolution</i> , 2021, 11, 18111-18124.	0.8	15
52	The Vegetation of the Buna River Protected Landscape (Albania). <i>Hacquetia</i> , 2015, 14, 129-174.	0.2	14
53	The use of large databases to characterize habitat types: the case of <i>Quercus suber</i> woodlands in Europe. <i>Rendiconti Lincei</i> , 2018, 29, 283-293.	1.0	14
54	Citizen Science Data to Measure Human Use of Green Areas and Forests in European Cities. <i>Forests</i> , 2021, 12, 779.	0.9	14

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55	<i>In vitro</i> asymbiotic germination of <i>Orchis mascula</i> L. <i>Plant Biosystems</i> , 2008, 142, 653-655.	0.8	13
56	Systemic Spatial Decision Support Systems: An integrated, computer-aided tool for biodiversity conservation. <i>Plant Biosystems</i> , 2012, 146, 814-826.	0.8	13
57	Analysing the relationship between land units and plant communities: The case of Socotra Island (Yemen). <i>Plant Biosystems</i> , 2014, 148, 529-539.	0.8	13
58	Optimum plot and sample sizes for carbon stock and biodiversity estimation in the lowland tropical forests of Papua New Guinea. <i>Forestry</i> , 2016, 89, 150-158.	1.2	13
59	Breakdown in classical biological control of Argentine stem weevil: a matter of time. <i>BioControl</i> , 2018, 63, 521-531.	0.9	13
60	Environmental factors and human activity as drivers of tree cover and density on the Island of Socotra, Yemen. <i>Rendiconti Lincei</i> , 2020, 31, 703-718.	1.0	12
61	Environmental and anthropogenic determinants of the spread of alien plant species: insights from South Africa's quaternary catchments. <i>Plant Ecology</i> , 2018, 219, 277-297.	0.7	11
62	Implementation of IUCN criteria for the definition of the Red List of Ecosystems in Italy. <i>Plant Biosystems</i> , 2020, 154, 1007-1011.	0.8	11
63	The urban woods of Rome (Italy). <i>Plant Biosystems</i> , 1997, 131, 113-135.	0.8	10
64	Assessing the effect of management changes and environmental features on the spatio-temporal pattern of fire in an African Savanna. <i>Journal for Nature Conservation</i> , 2015, 28, 1-10.	0.8	10
65	Observations on dry season grazing by eland in a Magaliesberg Nature Reserve, South Africa. <i>African Journal of Ecology</i> , 2015, 53, 112-115.	0.4	9
66	Twenty years of biodiversity research and nature conservation in the Socotra Archipelago (Yemen). <i>Rendiconti Lincei</i> , 2020, 31, 563-569.	1.0	9
67	Phylogenetic structure of European forest vegetation. <i>Journal of Biogeography</i> , 2021, 48, 903-916.	1.4	8
68	Climate and socio-economic factors explain differences between observed and expected naturalization patterns of European plants around the world. <i>Global Ecology and Biogeography</i> , 2021, 30, 1514-1531.	2.7	8
69	Worldwide diversity of endophytic fungi and insects associated with dormant tree twigs. <i>Scientific Data</i> , 2022, 9, 62.	2.4	8
70	Species distribution models backing taxa delimitation: the case of the lichen <i>Squamarina cartilaginea</i> in Italy. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 698-703.	0.6	7
71	Fire policy optimization to maximize suitable habitat for locally rare species under different climatic conditions: A case study of antelopes in the Kruger National Park. <i>Biological Conservation</i> , 2015, 191, 313-321.	1.9	7
72	Introduction: Vegetation science and the habitats directive: approaches and methodologies of a never-ending story. <i>Rendiconti Lincei</i> , 2018, 29, 233-235.	1.0	7

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73	<i>Phlomis fruticosa</i> scrublands in the central Mediterranean region: syntaxonomy and ecology. <i>Phytocoenologia</i> , 2015, 45, 49-68.	1.2	6
74	Vegetation Database of Albania. <i>Phytocoenologia</i> , 2017, 47, 107-108.	1.2	6
75	Land productivity dynamics in Socotra Island (Yemen). <i>Rendiconti Lincei</i> , 2020, 31, 737-746.	1.0	6
76	The forest communities of Shebenik-Jabllanic National Park (Central Albania). <i>Phytocoenologia</i> , 2018, 48, 51-76.	1.2	6
77	An updated checklist of Mozambique's vascular plants. <i>PhytoKeys</i> , 2022, 189, 61-80.	0.4	6
78	An innovative approach to disentangling the effect of management and environment on tree cover and density of protected areas in African savanna. <i>Forest Ecology and Management</i> , 2018, 419-420, 1-9.	1.4	5
79	Investigating the effect of selective logging on tree biodiversity and structure of the tropical forests of Papua New Guinea. <i>IForest</i> , 2016, 9, 475-482.	0.5	5
80	Seed Viability and Potential Germination Rate of Nine Endemic <i>Boswellia</i> Taxa (Burseraceae) from Socotra Island (Yemen). <i>Plants</i> , 2022, 11, 1418.	1.6	5
81	Botanical information in the Italian Biodiversity Network: One year of data aggregation and future perspectives. <i>Plant Biosystems</i> , 2013, 147, 1101-1103.	0.8	4
82	Classification and mapping of the woody vegetation of Gonarezhou National Park, Zimbabwe. <i>Koedoe</i> , 2016, 58, .	0.3	4
83	A thermodynamic model for plant growth, validated with <i>Pinus sylvestris</i> data. <i>Ecological Modelling</i> , 2019, 391, 53-62.	1.2	4
84	How to improve the distribution maps of habitat types at national scale. <i>Rendiconti Lincei</i> , 2020, 31, 881-888.	1.0	4
85	Finite Mixture Model-based classification of a complex vegetation system. <i>Vegetation Classification and Survey</i> , 0, 1, 77-86.	0.0	4
86	Progress on incorporating biodiversity monitoring in REDD+ through national forest inventories. <i>Global Ecology and Conservation</i> , 2021, 32, e01901.	1.0	4
87	Socotra Vegetation Database. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012, 4, 315-315.	0.2	3
88	Disturbance Impacts of Logging on Ground Herbaceous Plant Species Richness, Diversity, and Composition of Lowland Rainforest of Papua New Guinea. <i>Case Studies in the Environment</i> , 2021, 5, .	0.4	3
89	An ethnobotanical survey in the Limpopo National Park, Gaza province, Mozambique: traditional knowledge related to plant use. <i>Rendiconti Lincei</i> , 2022, 33, 303-318.	1.0	3
90	Distribution of Liana Richness and Abundance in the Forest of Papua New Guinea. <i>Case Studies in the Environment</i> , 2022, 6, .	0.4	3

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91	Modeling of early stage litter decomposition in Mediterranean mixed forests: functional aspects affected by local climate. <i>IForest</i> , 2015, 8, 517-525.	0.5	2
92	Sharing Italian Botanic Gardens'™ living collections: The role of the National Biodiversity Network. <i>Plant Biosystems</i> , 2016, 150, 373-376.	0.8	2
93	BioNNA: the Biodiversity National Network of Albania. <i>Nature Conservation</i> , 0, 25, 77-88.	0.0	2
94	Volunteers Recruitment, Retention, and Performance during the CSMON-LIFE (Citizen Science) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.6	2
95	Plant ecology and conservation in international cooperation: Approaches and methodologies. <i>Plant Biosystems</i> , 2014, 148, 517-518.	0.8	1
96	Botanical gardens and citizen science: An (as yet) under-exploited potential. <i>Plant Biosystems</i> , 2016, 150, 381-383.	0.8	1
97	The importance of interspecific competition in the actual and future distributions of plant species assessed by a 2-D grid agent modelling. <i>Ecological Modelling</i> , 2017, 360, 399-409.	1.2	1
98	Dragon Trees, Tertiary Relicts in Current Reality. <i>Forests</i> , 2021, 12, 756.	0.9	1
99	Monitoring the Multiple Functions of Tropical Rainforest on a National Scale. <i>Case Studies in the Environment</i> , 2022, 6, .	0.4	1
100	Fern Species Richness and Diversity in the Forest Ecosystems of Papua New Guinea. <i>Case Studies in the Environment</i> , 2022, 6, .	0.4	1
101	<title>Principal vegetation types in a natural area close to the city of Rome as observed by ERS-1 SAR and Landsat TM</title>. , 1995, , .		0
102	Global Change and Effects on Vegetation: Auto- and Synecological Studies. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , 1996, 130, 508-508.	0.0	0
103	A digital flora of Rome. <i>Plant Biosystems</i> , 2016, 150, 384-387.	0.8	0
104	EVSItalia Database HABITAT OF ITALY. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012, 4, 408-408.	0.2	0
105	Ecological Characterization of Syzygium (Myrtaceae) in Papua New Guinea. <i>Case Studies in the Environment</i> , 2022, 6, .	0.4	0
106	Phytosociology and taxonomic notes on some endemic-rich associations of the Naples Gulf. <i>Hacquetia</i> , 2022, 21, 1-14.	0.2	0