Fabio Attorre

List of Publications by Year
in descending order

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106 papers	3,624 citations	201674 27 h-index	161849 54 g-index
112 all docs	112 docs citations	112 times ranked	6009 citing authors

#	Article	IF	Citations
1	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	7.8	397
2	The extent of forest in dryland biomes. Science, 2017, 356, 635-638.	12.6	300
3	European Vegetation Archive (EVA): an integrated database of European vegetation plots. Applied Vegetation Science, 2016, 19, 173-180.	1.9	247
4	Topographyâ€driven isolation, speciation and a global increase of endemism with elevation. Global Ecology and Biogeography, 2016, 25, 1097-1107.	5.8	243
5	EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats. Applied Vegetation Science, 2020, 23, 648-675.	1.9	186
6	sPlot â€“ A new tool for global vegetation analyses. Journal of Vegetation Science, 2019, 30, 161-186.	2.2	185
7	Comparison of interpolation methods for mapping climatic and bioclimatic variables at regional scale. International Journal of Climatology, 2007, 27, 1825-1843.	3.5	142
8	A comparative framework for broadâ€scale plotâ€based vegetation classification. Applied Vegetation Science, 2015, 18, 543-560.	1.9	126
9	Alien plant invasions in European woodlands. Diversity and Distributions, 2017, 23, 969-981.	4.1	98
10	Will dragonblood survive the next period of climate change? Current and future potential distribution of Dracaena cinnabari (Socotra, Yemen). Biological Conservation, 2007, 138, 430-439.	4.1	82
11	Global distribution and bioclimatic characterization of alpine biomes. Ecography, 2020, 43, 779-788.	4.5	75
12	Changes in composition, ecology and structure of high-mountain vegetation: a re-visitation study over 42 years. AoB PLANTS, 2016, 8, .	2.3	67
13	Evaluating the effects of climate change on tree species abundance and distribution in the Italian peninsula. Applied Vegetation Science, 2011, 14, 242-255.	1.9	62
14	Global patterns and drivers of alpine plant species richness. Global Ecology and Biogeography, 2021, 30, 1218-1231.	5.8	59
15	VegItaly: The Italian collaborative project for a national vegetation database. Plant Biosystems, 2012, 146, 756-763.	1.6	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. Rendiconti Lincei, 2018, 29, 251-265.	2.2	50
17	sPlotOpen â€“ An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	5.8	49
18	Landscape changes of Rome through tree-lined roads. Landscape and Urban Planning, 2000, 49, 115-128.	7.5	47

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19	Dimensions of invasiveness: Links between local abundance, geographic range size, and habitat breadth in Europeâ€™s alien and native floras. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	47
20	Ecosystem mapping for the implementation of the European Biodiversity Strategy at the national level: The case of Italy. Environmental Science and Policy, 2017, 78, 173-184.	4.9	42
21	Classification and distribution patterns of plant communities on <scp>S</scp>ocotra <scp>I</scp>sland, <scp>Y</scp>emen. Applied Vegetation Science, 2013, 16, 148-165.	1.9	40
22	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	5.8	40
23	Spatio-temporal variations in the application of the Braun-Blanquet approach in Europe. Phytocoenologia, 2018, 48, 239-250.	0.5	38
24	Developing conservation strategies for endemic tree species when faced with time and data constraints: Boswellia spp. on Socotra (Yemen). Biodiversity and Conservation, 2011, 20, 1483-1499.	2.6	34
25	A methodological approach for assessing the effects of disturbance factors on the conservation status of Mediterranean coastal dune systems. Applied Vegetation Science, 2013, 16, 333-342.	1.9	31
26	Effects of habitat configuration and quality on species richness and distribution in fragmented forest patches near Rome. Journal of Vegetation Science, 2010, 21, 55-65.	2.2	30
27	Plant sciences and the Italian National Biodiversity Network. Plant Biosystems, 2011, 145, 758-761.	1.6	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. IForest, 2012, 5, 235-246.	1.4	28
29	The relationship between niche breadth and range size of beech (Fagus) species worldwide. Journal of Biogeography, 2021, 48, 1240-1253.	3.0	25
30	Neophyte invasions in European grasslands. Journal of Vegetation Science, 2021, 32, e12994.	2.2	25
31	Alien plant invasions in Mediterranean habitats: an assessment for Sicily. Biological Invasions, 2021, 23, 3091-3107.	2.4	25
32	The biogeography of alien plant invasions in the Mediterranean Basin. Journal of Vegetation Science, 2021, 32, e12980.	2.2	24
33	The use of spatial ecological modelling as a tool for improving the assessment of geographic range size of threatened species. Journal for Nature Conservation, 2013, 21, 48-55.	1.8	22
34	Vegetation mapping from high-resolution satellite images in the heterogeneous arid environments of Socotra Island (Yemen). Journal of Applied Remote Sensing, 2013, 7, 073527.	1.3	22
35	Postâ€glacial determinants of regional species pools in alpine grasslands. Global Ecology and Biogeography, 2021, 30, 1101-1115.	5.8	22
36	Modelling the spatial distribution of tree species with fragmented populations from abundance data. Community Ecology, 2009, 10, 215-224.	0.9	21

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37	Similar factors underlie tree abundance in forests in native and alien ranges. Global Ecology and Biogeography, 2020, 29, 281-294.	5.8	21
38	More nature in the city. Plant Biosystems, 2020, 154, 1003-1006.	1.6	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. Ecological Modelling, 2011, 222, 925-934.	2.5	19
40	How to include the impact of climate change in the extinction risk assessment of policy plant species?. Journal for Nature Conservation, 2018, 44, 43-49.	1.8	19
41	Classifying and Mapping Potential Distribution of Forest Types Using a Finite Mixture Model. Folia Geobotanica, 2014, 49, 313-335.	0.9	18
42	Earth Observation and Biodiversity Big Data for Forest Habitat Types Classification and Mapping. Remote Sensing, 2021, 13, 1231.	4.0	18
43	Determinants of plant species invasions in an arid island: evidence from Socotra Island (Yemen). Plant Ecology, 2012, 213, 1381-1392.	1.6	17
44	Assessing ozone and nitrogen impact on net primary productivity with a Generalised non-Linear Model. Environmental Pollution, 2013, 172, 250-263.	7.5	17
45	Global functional variation in alpine vegetation. Journal of Vegetation Science, 2021, 32, e13000.	2.2	17
46	Nationwide Vegetation Plot Database â€“ Sapienza University of Rome: â€¨state of the art, basic figures and future perspectives. Phytocoenologia, 2017, 47, 221-229.	0.5	17
47	Predicting the effect of climate change on tree species abundance and distribution at a regional scale. IForest, 2008, 1, 132-139.	1.4	17
48	New trends in biodiversity informatics. Plant Biosystems, 2012, 146, 749-751.	1.6	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 Taxus baccata and Ilex aquifolium. Biodiversity and Conservation, 2009, 18, 3099-3113.	2.6	15
50	Implementing REDD+Âin Papua New Guinea: Can biodiversity indicators be effectively integrated in PNG's National Forest Inventory?. Plant Biosystems, 2014, 148, 519-528.	1.6	15
51	Diversity of European habitat types is correlated with geography more than climate and human pressure. Ecology and Evolution, 2021, 11, 18111-18124.	1.9	15
52	The Vegetation of the Buna River Protected Landscape (Albania). Hacquetia, 2015, 14, 129-174.	0.4	14
53	The use of large databases to characterize habitat types: the case of Quercus suber woodlands in Europe. Rendiconti Lincei, 2018, 29, 283-293.	2.2	14
54	Citizen Science Data to Measure Human Use of Green Areas and Forests in European Cities. Forests, 2021, 12, 779.	2.1	14

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55	In vitroasymbiotic germination ofOrchis masculaL. Plant Biosystems, 2008, 142, 653-655.	1.6	13
56	Systemic Spatial Decision Support Systems: An integrated, computerâ€aided tool for biodiversity conservation. Plant Biosystems, 2012, 146, 814-826.	1.6	13
57	Analysing the relationship between land units and plant communities: The case of Socotra Island (Yemen). Plant Biosystems, 2014, 148, 529-539.	1.6	13
58	Optimum plot and sample sizes for carbon stock and biodiversity estimation in the lowland tropical forests of Papua New Guinea. Forestry, 2016, 89, 150-158.	2.3	13
59	Breakdown in classical biological control of Argentine stem weevil: a matter of time. BioControl, 2018, 63, 521-531.	2.0	13
60	Environmental factors and human activity as drivers of tree cover and density on the Island of Socotra, Yemen. Rendiconti Lincei, 2020, 31, 703-718.	2.2	12
61	Environmental and anthropogenic determinants of the spread of alien plant species: insights from South Africaâ€™s quaternary catchments. Plant Ecology, 2018, 219, 277-297.	1.6	11
62	Implementation of IUCN criteria for the definition of the Red List of Ecosystems in Italy. Plant Biosystems, 2020, 154, 1007-1011.	1.6	11
63	The urban woods of Rome (Italy). Plant Biosystems, 1997, 131, 113-135.	1.6	10
64	Assessing the effect of management changes and environmental features on the spatio- temporal pattern of fire in an African Savanna. Journal for Nature Conservation, 2015, 28, 1-10.	1.8	10
65	Observations on dry season grazing by eland in a Magaliesberg Nature Reserve, South Africa. African Journal of Ecology, 2015, 53, 112-115.	0.9	9
66	Twenty years of biodiversity research and nature conservation in the Socotra Archipelago (Yemen). Rendiconti Lincei, 2020, 31, 563-569.	2.2	9
67	Phylogenetic structure of European forest vegetation. Journal of Biogeography, 2021, 48, 903-916.	3.0	8
68	Climate and socioâ€economic factors explain differences between observed and expected naturalization patterns of European plants around the world. Global Ecology and Biogeography, 2021, 30, 1514-1531.	5.8	8
69	Worldwide diversity of endophytic fungi and insects associated with dormant tree twigs. Scientific Data, 2022, 9, 62.	5.3	8
70	Species distribution models backing taxa delimitation: the case of the lichen Squamarina cartilaginea in Italy. Flora: Morphology, Distribution, Functional Ecology of Plants, 2014, 209, 698-703.	1.2	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. Biological Conservation, 2015, 191, 313-321.	4.1	7
72	Introduction: Vegetation science and the habitats directive: approaches and methodologies of a never-ending story. Rendiconti Lincei, 2018, 29, 233-235.	2.2	7

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73	Phlomis fruticosa scrublands in the central Mediterranean region: syntaxonomy and ecology. Phytocoenologia, 2015, 45, 49-68.	0.5	6
74	Vegetation Database of Albania. Phytocoenologia, 2017, 47, 107-108.	0.5	6
75	Land productivity dynamics in Socotra Island (Yemen). Rendiconti Lincei, 2020, 31, 737-746.	2.2	6
76	The forest communities of Shebenik-JabllanicÃ« National Park (Central Albania). Phytocoenologia, 2018, 48, 51-76.	0.5	6
77	ï»¿An updated checklist of Mozambiqueâ€™s vascular plants. PhytoKeys, 2022, 189, 61-80.	1.0	6
78	An innovative approach to disentangling the effect of management and environment on tree cover and density of protected areas in African savanna. Forest Ecology and Management, 2018, 419-420, 1-9.	3.2	5
79	Investigating the effect of selective logging on tree biodiversity and structure of the tropical forests of Papua New Guinea. IForest, 2016, 9, 475-482.	1.4	5
80	Seed Viability and Potential Germination Rate of Nine Endemic Boswellia Taxa (Burseraceae) from Socotra Island (Yemen). Plants, 2022, 11, 1418.	3.5	5
81	Botanical information in the Italian Biodiversity Network: One year of data aggregation and future perspectives. Plant Biosystems, 2013, 147, 1101-1103.	1.6	4
82	Classification and mapping of the woody vegetation of Gonarezhou National Park, Zimbabwe. Koedoe, 2016, 58, .	0.9	4
83	A thermodynamic model for plant growth, validated with Pinus sylvestris data. Ecological Modelling, 2019, 391, 53-62.	2.5	4
84	How to improve the distribution maps of habitat types at national scale. Rendiconti Lincei, 2020, 31, 881-888.	2.2	4
85	Finite Mixture Model-based classification of a complex vegetation system. Vegetation Classification and Survey, 0, 1, 77-86.	0.0	4
86	Progress on incorporating biodiversity monitoring in REDD+ through national forest inventories. Global Ecology and Conservation, 2021, 32, e01901.	2.1	4
87	Socotra Vegetation Database. Biodiversity and Ecology = Biodiversitat Und Okologie, 2012, 4, 315-315.	0.3	3
88	Disturbance Impacts of Logging on Ground Herbaceous Plant Species Richness, Diversity, and Composition of Lowland Rainforest of Papua New Guinea. Case Studies in the Environment, 2021, 5, .	0.7	3
89	An ethnobotanical survey in the Limpopo National Park, Gaza province, Mozambique: traditional knowledge related to plant use. Rendiconti Lincei, 2022, 33, 303-318.	2.2	3
90	Distribution of Liana Richness and Abundance in the Forest of Papua New Guinea. Case Studies in the Environment, 2022, 6, .	0.7	3

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91	Modeling of early stage litter decomposition in Mediterranean mixed forests: functional aspects affected by local climate. IForest, 2015, 8, 517-525.	1.4	2
92	Sharing Italian Botanic Gardensâ€™ living collections: The role of the National Biodiversity Network. Plant Biosystems, 2016, 150, 373-376.	1.6	2
93	BioNNA: the Biodiversity National Network of Albania. Nature Conservation, 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	3.2	2
95	Plant ecology and conservation in international cooperation: Approaches and methodologies. Plant Biosystems, 2014, 148, 517-518.	1.6	1
96	Botanical gardens and citizen science: An (as yet) under-exploited potential. Plant Biosystems, 2016, 150, 381-383.	1.6	1
97	The importance of interspecific competition in the actual and future distributions of plant species assessed by a 2-D grid agent modelling. Ecological Modelling, 2017, 360, 399-409.	2.5	1
98	Dragon Trees, Tertiary Relicts in Current Reality. Forests, 2021, 12, 756.	2.1	1
99	Monitoring the Multiple Functions of Tropical Rainforest on a National Scale. Case Studies in the Environment, 2022, 6, .	0.7	1
100	Fern Species Richness and Diversity in the Forest Ecosystems of Papua New Guinea. Case Studies in the Environment, 2022, 6, .	0.7	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. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 508-508.	0.0	0
103	A digital flora of Rome. Plant Biosystems, 2016, 150, 384-387.	1.6	0
104	EVSItalia Database HABITAT OF ITALY. Biodiversity and Ecology = Biodiversitat Und Okologie, 2012, 4, 408-408.	0.3	0
105	Ecological Characterization of Syzygium (Myrtaceae) in Papua New Guinea. Case Studies in the Environment, 2022, 6, .	0.7	0
106	Phytosociology and taxonomic notes on some endemic-rich associations of the Naples Gulf. Hacquetia, 2022, 21, 1-14.	0.4	0