Renato Benesperi

List of Publications by Year
in descending order

64 papers	1,021 citations	471509 17 h-index	501196 28 g-index
65 all docs	65 docs citations	65 times ranked	1343 citing authors

#	Article	IF	Citations
1	Forest plant diversity is threatened by Robinia pseudoacacia (black-locust) invasion. Biodiversity and Conservation, 2012, 21, 3555-3568.	2.6	102
2	Soil and plant changing after invasion: The case of Acacia dealbata in a Mediterranean ecosystem. Science of the Total Environment, 2014, 497-498, 491-498.	8.0	80
3	Climate change fosters the decline of epiphytic Lobaria species in Italy. Biological Conservation, 2016, 201, 377-384.	4.1	48
4	Plantâ€“environment interactions through a functional traits perspective: a review of Italian studies. Plant Biosystems, 2019, 153, 853-869.	1.6	48
5	Climate change hastens the urgency of conservation for range-restricted plant species in the central-northern Mediterranean region. Biological Conservation, 2014, 179, 129-138.	4.1	47
6	Rapid biodiversity assessment in lichen diversity surveys: implications for quality assurance. Journal of Environmental Monitoring, 2009, 11, 730.	2.1	35
7	Patterns and drivers of Î²â€diversity and similarity of <i><scp>L</scp>obaria pulmonaria</i> communities in <scp>I</scp>talian forests. Journal of Ecology, 2013, 101, 493-505.	4.0	35
8	Species- and site-specific efficacy of commercial biocides and application solvents against lichens. International Biodeterioration and Biodegradation, 2017, 123, 127-137.	3.9	35
9	Functional Traits in Lichen Ecology: A Review of Challenge and Opportunity. Microorganisms, 2021, 9, 766.	3.6	34
10	New Interpretative Scales for Lichen Bioaccumulation Data: The Italian Proposal. Atmosphere, 2019, 10, 136.	2.3	30
11	Mature non-native black-locust (Robinia pseudoacacia L.) forest does not regain the lichen diversity of the natural forest. Science of the Total Environment, 2012, 421-422, 197-202.	8.0	28
12	Contrasting multitaxon responses to climate change in Mediterranean mountains. Scientific Reports, 2021, 11, 4438.	3.3	25
13	Differential land snail damage to selected species of the lichen genus Peltigera. Biochemical Systematics and Ecology, 2004, 32, 127-138.	1.3	23
14	Disentangling functional trait variation and covariation in epiphytic lichens along a continent-wide latitudinal gradient. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192862.	2.6	22
15	Patterns of Î²-diversity and similarity reveal biotic homogenization of epiphytic lichen communities associated with the spread of black locust forests. Fungal Ecology, 2015, 14, 1-7.	1.6	20
16	Can we compare lichen diversity data? A test with skilled teams. Ecological Indicators, 2012, 23, 509-516.	6.3	19
17	Infraspecific variability in baseline element composition of the epiphytic lichen Pseudevernia furfuracea in remote areas: implications for biomonitoring of air pollution. Environmental Science and Pollution Research, 2017, 24, 8004-8016.	5.3	18
18	Successful conservation of the endangered forest lichen Lobaria pulmonaria requires knowledge of fine-scale population structure. Fungal Ecology, 2018, 33, 65-71.	1.6	18

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19	Range shifts of native and invasive trees exacerbate the impact of climate change on epiphyte distribution: The case of lung lichen and black locust in Italy. Science of the Total Environment, 2020, 735, 139537.	8.0	18
20	Biological effects of ammonia released from a composting plant assessed with lichens. Environmental Science and Pollution Research, 2014, 21, 5861-5872.	5.3	16
21	Background element content of the lichen Pseudevernia furfuracea: A supra-national state of art implemented by novel field data from Italy. Science of the Total Environment, 2018, 622-623, 282-292.	8.0	16
22	Functional over-redundancy and vulnerability of lichen communities decouple across spatial scales and environmental severity. Science of the Total Environment, 2019, 666, 22-30.	8.0	15
23	Thorn, spine and prickle patterns in the Italian flora. Plant Biosystems, 2019, 153, 118-133.	1.6	13
24	Long-term monitoring of an invasion process: the case of an isolated small wetland on a Mediterranean Island. Biologia (Poland), 2011, 66, 638-644.	1.5	12
25	Epiphytic lichen communities in chestnut stands in Central-North Italy. Biologia (Poland), 2012, 67, 61-70.	1.5	12
26	Could Hair-Lichens of High-Elevation Forests Help Detect the Impact of Global Change in the Alps?. Diversity, 2019, 11, 45.	1.7	12
27	Impact of forest management on threatened epiphytic macrolichens: evidence from a Mediterranean mixed oak forest (Italy). IForest, 2019, 12, 383-388.	1.4	12
28	Plant species loss and community nestedness after leguminous tree Acacia pycnantha invasion in a Mediterranean ecosystem. Folia Geobotanica, 2015, 50, 229-238.	0.9	11
29	High-light stress in wet and dry thalli of the endangered Mediterranean lichen Seirophora villosa (Ach.) FrÃ¶dÃ©n: does size matter?. Mycological Progress, 2019, 18, 463-470.	1.4	11
30	The application protocol impacts the effectiveness of biocides against lichens. International Biodeterioration and Biodegradation, 2020, 155, 105105.	3.9	11
31	Contrasting Environmental Drivers Determine Biodiversity Patterns in Epiphytic Lichen Communities along a European Gradient. Microorganisms, 2020, 8, 1913.	3.6	11
32	Monitoring of Airborne Mercury: Comparison of Different Techniques in the Monte Amiata District, Southern Tuscany, Italy. International Journal of Environmental Research and Public Health, 2020, 17, 2353.	2.6	11
33	Human Disturbance Threats the Red-Listed Macrolichen Seirophora villosa (Ach.) FrÃ¶dÃ©n in Coastal Juniperus Habitats: Evidence From Western Peninsular Italy. Environmental Management, 2013, 52, 939-945.	2.7	10
34	Local dispersal dynamics determine the occupied niche of the red-listed lichen Seirophora villosa (Ach.) FrÃ¶dÃ©n in a Mediterranean Juniperus shrubland. Fungal Ecology, 2015, 13, 77-82.	1.6	10
35	The multi-purpose role of hairiness in the lichens of coastal environments: Insights from Seirophora villosa (Ach.) FrÃ¶dÃ©n. Plant Physiology and Biochemistry, 2019, 141, 398-406.	5.8	10
36	Black pine (Pinus nigra) barks: A critical evaluation of some sampling and analysis parameters for mercury biomonitoring purposes. Ecological Indicators, 2020, 112, 106110.	6.3	10

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37	Assessment of the conservation status of the mat-forming lichens Cladonia subgenus Cladina in Italy. Plant Biosystems, 2016, 150, 1010-1022.	1.6	9
38	Vitality and Growth of the Threatened Lichen Lobaria pulmonaria (L.) Hoffm. in Response to Logging and Implications for Its Conservation in Mediterranean Oak Forests. Forests, 2020, 11, 995.	2.1	9
39	Modelling range dynamics of terricolous lichens of the genus Peltigera in the Alps under a climate change scenario. Fungal Ecology, 2021, 49, 101014.	1.6	9
40	Retaining unlogged patches in Mediterranean oak forests may preserve threatened forest macrolichens. IForest, 2019, 12, 187-192.	1.4	9
41	The lichen genus Neofuscelia (Ascomycota, Parmeliaceae) in Italy. Lichenologist, 2003, 35, 377-385.	0.8	8
42	Background element content in the lichen Pseudevernia furfuracea: a comparative analysis of digestion methods. Environmental Monitoring and Assessment, 2019, 191, 260.	2.7	8
43	Patterns of change in Î± and Î² taxonomic and phylogenetic diversity in the secondary succession of semi-natural grasslands in the Northern Apennines. PeerJ, 2020, 8, e8683.	2.0	7
44	Long-term monitoring of an invasion process: the case of an isolated small wetland on a Mediterranean Island, second stage: toward a complete restoration. Biologia (Poland), 2014, 69, 977-985.	1.5	6
45	Cross Taxon Congruence Between Lichens and Vascular Plants in a Riparian Ecosystem. Diversity, 2019, 11, 133.	1.7	6
46	Biomonitoring Studies in Geothermal Areas: A Review. Frontiers in Environmental Science, 2020, 8, .	3.3	6
47	Morphological and Chemical Traits of Cladonia Respond to Multiple Environmental Factors in Acidic Dry Grasslands. Microorganisms, 2021, 9, 453.	3.6	6
48	Little time left. Microrefuges may fail in mitigating the effects of climate change on epiphytic lichens. Science of the Total Environment, 2022, 825, 153943.	8.0	6
49	Treatment by glyphosate-based herbicide allowed recovering native species after <i>Oxalis pes-caprae</i> L. invasion: indications from a Mediterranean island. Plant Biosystems, 2019, 153, 651-659.	1.6	5
50	A probable anthropic origin ofNerium oleanderL. (Apocynaceae) population in Montecristo island (Italy, Tuscany): evidence from loci polymorphism and ISSR analysis. Caryologia, 2018, 71, 50-57.	0.3	4
51	Microclimatic Alteration after Logging Affects the Growth of the Endangered Lichen Lobaria pulmonaria. Plants, 2022, 11, 295.	3.5	4
52	Survival of <i>Xanthoria parietina</i> in simulated space conditions: vitality assessment and spectroscopic analysis. International Journal of Astrobiology, 2022, 21, 137-153.	1.6	4
53	New records for lichen regional floras of Italy. Webbia, 2009, 64, 153-158.	0.3	3
54	Different components of plant diversity suggest the protection of a large area for the conservation of a riparian ecosystem. Biologia (Poland), 2015, 70, 1033-1041.	1.5	3

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55	Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 7. Italian Botanist, 0, 7, 69-91.	0.0	3
56	Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 8. Italian Botanist, 0, 8, 47-62.	0.0	3
57	Wood distillate as an alternative bio-based product against lichens on sandstone. International Biodeterioration and Biodegradation, 2022, 170, 105386.	3.9	3
58	Towards a Red List of the terricolous lichens of Italy. Plant Biosystems, 0, , 1-4.	1.6	3
59	Threats and Conservation Strategies for Overlooked Organisms: The Case of Epiphytic Lichens. , 2020, , 1-26.		2
60	Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 11. Italian Botanist, 0, 11, 45-61.	0.0	2
61	ï»¿Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 13. Italian Botanist, 0, 13, 1-17.	0.0	2
62	The lichens of the Majella National Park (Central Italy): an annotated checklist. MycoKeys, 2021, 78, 119-168.	1.9	1
63	Revision of the Parmelia saxatilis group in Italy based on morphological, chemical, and molecular data. Phytotaxa, 2021, 512, .	0.3	1
64	Contributo alla flora lichenica dell'anticlinale di Monsummano (Toscana, Italia centrale). Webbia, 2000, 55, 339-345.	0.3	0