Lorenzo Marini

List of Publications by Year
in descending order

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146	6,917	66343	74163
papers	citations	42 h-index	75 g-index

150	150	150	7293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increasing temperatures affect multiyear life cycle of the outbreak bushâ€cricket Barbitistes vicetinus (Orthoptera, Tettigoniidae). Insect Science, 2023, 30, 530-538.	3.0	2
2	Impact of Stand and Landscape Management on Forest Pest Damage. Annual Review of Entomology, 2022, 67, 181-199.	11.8	21
3	Urban sprawl facilitates invasions of exotic plants across multiple spatial scales. Biological Invasions, 2022, 24, 1497-1510.	2.4	17
4	Spatio-temporal dynamics of vectors of Xylella fastidiosa subsp. pauca across heterogeneous landscapes. Entomologia Generalis, 2022, 42, 515-521.	3.1	6
5	Seasonality and Landscape Composition Drive the Diversity of Pollen Collected by Managed Honey Bees. Frontiers in Sustainable Food Systems, 2022, 6, .	3.9	7
6	Functional traits of plants and pollinators explain resource overlap between honeybees and wild pollinators. Oecologia, 2022, 198, 1019-1029.	2.0	7
7	Speciesâ€“habitat networks elucidate landscape effects on habitat specialisation of natural enemies and pollinators. Ecology Letters, 2021, 24, 288-297.	6.4	21
8	Exploiting trap color to improve surveys of longhorn beetles. Journal of Pest Science, 2021, 94, 871-883.	3.7	25
9	Improving insect conservation across heterogeneous landscapes using speciesâ€“habitat networks. PeerJ, 2021, 9, e10563.	2.0	5
10	Effects of temperature and plant diversity on orthopterans and leafhoppers in calcareous dry grasslands. Journal of Insect Conservation, 2021, 25, 287-296.	1.4	2
11	Contrasting response of native and nonâ€native plants to disturbance and herbivory in mountain environments. Journal of Biogeography, 2021, 48, 1594-1605.	3.0	14
12	Cross-taxon congruence between predatory arthropods and plants across Mediterranean agricultural landscapes. Ecological Indicators, 2021, 123, 107366.	6.3	12
13	Ground Cover Management in Olive Groves Reduces Populations of Philaenus spumarius (Hemiptera: Aphrophoridae), Vector of Xylella fastidiosa. Journal of Economic Entomology, 2021, 114, 1716-1721.	1.8	16
14	Can extensively managed perennial crops serve as surrogate habitat for orthopterans typical of dry calcareous grasslands?. Agriculture, Ecosystems and Environment, 2021, 319, 107536.	5.3	3
15	Role of abandoned grasslands in the conservation of spider communities across heterogeneous mountain landscapes. Agriculture, Ecosystems and Environment, 2021, 319, 107526.	5.3	7
16	Drought, nitrogen deposition and arthropod herbivory modify plant establishment dynamics after soil disturbance. Science of the Total Environment, 2021, 796, 148956.	8.0	3
17	Habitat type and community age as barriers to alien plant invasions in coastal species-habitat networks. Ecological Indicators, 2021, 133, 108450.	6.3	7
18	Coppicing and plant diversity in a lowland wood remnant in Northâ€“East Italy. Plant Biosystems, 2020, 154, 173-180.	1.6	15

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19	Fungal pathogen and ethanol affect host selection and colonization success in ambrosia beetles. Agricultural and Forest Entomology, 2020, 22, 1-9.	1.3	19
20	Effects of natural pyrethrum and synthetic pyrethroids on the tiger mosquito, Aedes albopictus (skuse) and non-target flower-visiting insects in urban green areas of Padua, Italy. International Journal of Pest Management, 2020, 66, 215-221.	1.8	2
21	Emergence phenology and temperature effect on the post-diapause egg development in the bush cricket Barbitistes vicetinus (Orthoptera, Tettigoniidae). Bulletin of Entomological Research, 2020, 110, 161-168.	1.0	4
22	Seed predation intensity and stability in agro-ecosystems: Role of predator diversity and soil disturbance. Agriculture, Ecosystems and Environment, 2020, 288, 106720.	5.3	13
23	Species traits elucidate crop pest response to landscape composition: a global analysis. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202116.	2.6	30
24	Contrasting effects of exotic plant invasions and managed honeybees on plantâ€“flower visitor interactions. Diversity and Distributions, 2020, 26, 1397-1408.	4.1	6
25	The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. Ecology Letters, 2020, 23, 1488-1498.	6.4	319
26	Biodiversity and conservation of terricolous lichens and bryophytes in continental lowlands of northern Italy: the role of different dry habitat types. Biodiversity and Conservation, 2020, 29, 3533-3550.	2.6	11
27	Consistent population declines but idiosyncratic range shifts in Alpine orchids under global change. Nature Communications, 2020, 11, 5835.	12.8	24
28	Effect of Trap Color on Captures of Bark- and Wood-Boring Beetles (Coleoptera; Buprestidae and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	20
29	Establishment dynamics of native and exotic plants after disturbance along roadsides. Applied Vegetation Science, 2020, 23, 277-284.	1.9	8
30	Crop rotations sustain cereal yields under a changing climate. Environmental Research Letters, 2020, 15, 124011.	5.2	30
31	Integrated management of Drosophila suzukii in sweet cherry orchards. Entomologia Generalis, 2020, 40, 297-305.	3.1	19
32	Developing trapping protocols for wood-boring beetles associated with broadleaf trees. Journal of Pest Science, 2019, 92, 267-279.	3.7	59
33	A global synthesis reveals biodiversity-mediated benefits for crop production. Science Advances, 2019, 5, eaax0121.	10.3	524
34	Using species-habitat networks to inform agricultural landscape management for spiders. Biological Conservation, 2019, 239, 108275.	4.1	23
35	Impact of urbanization on predator and parasitoid insects at multiple spatial scales. PLoS ONE, 2019, 14, e0214068.	2.5	47
36	Pollination contribution to crop yield is often context-dependent: A review of experimental evidence. Agriculture, Ecosystems and Environment, 2019, 280, 16-23.	5.3	62

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37	Landscape composition predicts the distribution of Philaenus spumarius, vector of Xylella fastidiosa, in olive groves. Journal of Pest Science, 2019, 92, 1101-1109.	3.7	41
38	The interplay of landscape composition and configuration: new pathways to manage functional biodiversity and agroecosystem services across Europe. Ecology Letters, 2019, 22, 1083-1094.	6.4	364
39	Could Hair-Lichens of High-Elevation Forests Help Detect the Impact of Global Change in the Alps?. Diversity, 2019, 11, 45.	1.7	12
40	Speciesâ€“habitat networks: A tool to improve landscape management for conservation. Journal of Applied Ecology, 2019, 56, 923-928.	4.0	36
41	Spatial synchrony in Drosophila suzukii population dynamics along elevational gradients. Ecological Entomology, 2019, 44, 182-189.	2.2	7
42	Habitat loss and alien tree invasion reduce defoliation intensity of an eruptive forest pest. Forest Ecology and Management, 2019, 433, 497-503.	3.2	12
43	Habitat preference of Drosophila suzukii across heterogeneous landscapes. Journal of Pest Science, 2019, 92, 485-494.	3.7	35
44	Winter temperature predicts prolonged diapause in pine processionary moth species across their geographic range. PeerJ, 2019, 7, e6530.	2.0	34
45	Acquisition of fungi from the environment modifies ambrosia beetle mycobiome during invasion. PeerJ, 2019, 7, e8103.	2.0	37
46	Semi-natural habitats boost Drosophila suzukii populations and crop damage in sweet cherry. Agriculture, Ecosystems and Environment, 2018, 257, 152-158.	5.3	33
47	The inclusion of overlooked lichen microhabitats in standardized forest biodiversity monitoring. Lichenologist, 2018, 50, 231-237.	0.8	2
48	Oviposition site preference of Barbitistes vicetinus (Orthoptera, Tettigoniidae) during outbreaks. Agricultural and Forest Entomology, 2018, 20, 414-419.	1.3	7
49	Exotic plant invasion in agricultural landscapes: A matter of dispersal mode and disturbance intensity. Applied Vegetation Science, 2018, 21, 250-257.	1.9	25
50	Impact of an invasive herbivore and human trampling on lichen-rich dry grasslands: Soil-dependent response of multiple taxa. Science of the Total Environment, 2018, 639, 633-639.	8.0	14
51	Predator and parasitoid insects along elevational gradients: role of temperature and habitat diversity. Oecologia, 2018, 188, 193-202.	2.0	30
52	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7863-E7870.	7.1	401
53	Effect of insect herbivory on plant community dynamics under contrasting water availability levels. Journal of Ecology, 2018, 106, 1819-1828.	4.0	5
54	Spillover of Drosophila suzukii between noncrop and crop areas: implications for pest management. Agricultural and Forest Entomology, 2018, 20, 575-581.	1.3	40

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55	Drought and soil fertility modify fertilization effects on aphid performance in wheat. Basic and Applied Ecology, 2018, 30, 23-31.	2.7	12
56	Landscape simplification weakens the association between terrestrial producer and consumer diversity in Europe. , 2018, , .		0
57	Landscape simplification weakens the association between terrestrial producer and consumer diversity in Europe. Global Change Biology, 2017, 23, 3040-3051.	9.5	28
58	Density-dependence in the declining population of the monarch butterfly. Scientific Reports, 2017, 7, 13957.	3.3	23
59	Combined effects of agrochemicals and ecosystem services on crop yield across Europe. Ecology Letters, 2017, 20, 1427-1436.	6.4	70
60	Environmental heterogeneity effects on predator and parasitoid insects vary across spatial scales and seasons: a multiâ€taxon approach. Insect Conservation and Diversity, 2017, 10, 462-471.	3.0	7
61	Pollination benefits are maximized at intermediate nutrient levels. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170729.	2.6	27
62	Human disturbance and upward expansion of plants in a warming climate. Nature Climate Change, 2017, 7, 577-580.	18.8	97
63	Climate drivers of bark beetle outbreak dynamics in Norway spruce forests. Ecography, 2017, 40, 1426-1435.	4.5	209
64	Aboveâ€•and belowground insect herbivory modifies the response of a grassland plant community to nitrogen eutrophication. Ecology, 2017, 98, 545-554.	3.2	21
65	High cover of hedgerows in the landscape supports multiple ecosystem services in <scp>M</scp>editerranean cereal fields. Journal of Applied Ecology, 2017, 54, 380-388.	4.0	86
66	Soil pathogen-aphid interactions under differences in soil organic matter and mineral fertilizer. PLoS ONE, 2017, 12, e0179695.	2.5	5
67	Habitat and climatic preferences drive invasions of non-native ambrosia beetles in deciduous temperate forests. Biological Invasions, 2016, 18, 2809-2821.	2.4	35
68	Conservation tillage reduces the negative impact of urbanisation on carabid communities. Insect Conservation and Diversity, 2016, 9, 438-445.	3.0	9
69	Impact of dairy farming on butterfly diversity in Alpine summer pastures. Agriculture, Ecosystems and Environment, 2016, 232, 38-45.	5.3	5
70	Soil management shapes ecosystem service provision and trade-offs in agricultural landscapes. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161369.	2.6	38
71	Conservation tillage mitigates the negative effect of landscape simplification on biological control. Journal of Applied Ecology, 2016, 53, 233-241.	4.0	101
72	Do vineyards in contrasting landscapes contribute to conserve plant species of dry calcareous grasslands?. Science of the Total Environment, 2016, 545-546, 244-249.	8.0	18

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73	Degradation of soil fertility can cancel pollination benefits in sunflower. Oecologia, 2016, 180, 581-587.	2.0	21
74	Spillover of tachinids and hoverflies from different field margins. Basic and Applied Ecology, 2016, 17, 33-42.	2.7	17
75	Bark and Ambrosia Beetles Show Different Invasion Patterns in the USA. PLoS ONE, 2016, 11, e0158519.	2.5	31
76	Organic farming enhances parasitoid diversity at the local and landscape scales. Journal of Applied Ecology, 2015, 52, 1102-1109.	4.0	34
77	Efficacy of Two Common Methods of Application of Residual Insecticide for Controlling the Asian Tiger Mosquito, Aedes albopictus (Skuse), in Urban Areas. PLoS ONE, 2015, 10, e0134831.	2.5	9
78	Epiphytic lichen diversity along elevational gradients: biological traits reveal a complex response to water and energy. Journal of Biogeography, 2015, 42, 1222-1232.	3.0	69
79	Testing scaleâ€dependent effects of seminatural habitats on farmland biodiversity. Ecological Applications, 2015, 25, 1681-1690.	3.8	48
80	Recovery of plant diversity in restored semiâ€natural pastures depends on adjacent land use. Applied Vegetation Science, 2015, 18, 413-422.	1.9	33
81	Crop management modifies the benefits of insect pollination in oilseed rape. Agriculture, Ecosystems and Environment, 2015, 207, 61-66.	5.3	65
82	Exploring the role of wood waste landfills in early detection of non-native wood-boring beetles. Journal of Pest Science, 2015, 88, 563-572.	3.7	23
83	Landscape composition affects parasitoid spillover. Agriculture, Ecosystems and Environment, 2015, 208, 48-54.	5.3	31
84	Improving the early detection of alien woodâ€boring beetles in ports and surrounding forests. Journal of Applied Ecology, 2015, 52, 50-58.	4.0	85
85	Vertical stratification of ichneumonid wasp communities: the effects of forest structure and lifeâ€history traits. Insect Science, 2015, 22, 688-699.	3.0	15
86	Contrasting effects of habitat area and connectivity on evenness of pollinator communities. Ecography, 2014, 37, 544-551.	4.5	30
87	Extinction debt for plants and floweâ€visiting insects in landscapes with contrasting land use history. Diversity and Distributions, 2014, 20, 591-599.	4.1	80
88	Distribution of <scp>N</scp>orway spruce bark and woodâ€boring beetles along <scp>A</scp>lpine elevational gradients. Agricultural and Forest Entomology, 2014, 16, 111-118.	1.3	12
89	Testing phenotypic trade-offs in the chemical defence strategy of Scots pine under growth-limiting field conditions. Tree Physiology, 2014, 34, 919-930.	3.1	41
90	Density of insectâ€pollinated grassland plants decreases with increasing surrounding landâ€use intensity. Ecology Letters, 2014, 17, 1168-1177.	6.4	87

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91	Interactive effects of area and connectivity on the diversity of tachinid parasitoids in highly fragmented landscapes. Landscape Ecology, 2014, 29, 879-889.	4.2	29
92	Plant health surveys for the EU territory: an analysis of data quality and methodologies and the resulting uncertainties for pest risk assessment (PERSEUS) CFP/EFSA/PLH/2010/01. EFSA Supporting Publications, 2014, 11, .	0.7	7
93	Solar radiation directly affects larval performance of a forest insect. Ecological Entomology, 2013, 38, 553-559.	2.2	23
94	Effects of climate and density-dependent factors on population dynamics of the pine processionary moth in the Southern Alps. Climatic Change, 2013, 121, 701-712.	3.6	41
95	Betaâ€diversity patterns elucidate mechanisms of alien plant invasion in mountains. Global Ecology and Biogeography, 2013, 22, 450-460.	5.8	74
96	Population dynamics of the spruce bark beetle: a longâ€term study. Oikos, 2013, 122, 1768-1776.	2.7	73
97	Management Intensity and Topography Determined Plant Diversity in Vineyards. PLoS ONE, 2013, 8, e76167.	2.5	33
98	Assessment of hedge stand types as determinants of woody species richness in rural field margins. IForest, 2013, 6, 201-208.	1.4	14
99	Climate affects severity and altitudinal distribution of outbreaks in an eruptive bark beetle. Climatic Change, 2012, 115, 327-341.	3.6	124
100	Landscape context and elevation affect pollinator communities in intensive apple orchards. Basic and Applied Ecology, 2012, 13, 681-689.	2.7	63
101	Habitat of an endangered saproxylic beetle,Osmoderma eremita, in Mediterranean woodlands. Ecoscience, 2012, 19, 299-307.	1.4	31
102	Traits related to species persistence and dispersal explain changes in plant communities subjected to habitat loss. Diversity and Distributions, 2012, 18, 898-908.	4.1	70
103	A review of pest surveillance techniques for detecting quarantine pests in <scp>E</scp>urope. EPPO Bulletin, 2012, 42, 515-551.	0.8	46
104	Hedgerow trees and extendedâ€width field margins enhance macroâ€moth diversity: implications for management. Journal of Applied Ecology, 2012, 49, 1396-1404.	4.0	79
105	Drivers of lichen species richness at multiple spatial scales in temperate forests. Plant Ecology and Diversity, 2012, 5, 355-363.	2.4	21
106	Organic Farming Benefits Local Plant Diversity in Vineyard Farms Located in Intensive Agricultural Landscapes. Environmental Management, 2012, 49, 1054-1060.	2.7	49
107	Insect pollination enhances seed yield, quality, and market value in oilseed rape. Oecologia, 2012, 169, 1025-1032.	2.0	215
108	High mobility reduces betaâ€diversity among orthopteran communities â€“ implications for conservation. Insect Conservation and Diversity, 2012, 5, 37-45.	3.0	20

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109	A list of methods to detect arthropod quarantine pests in Europe*. EPPO Bulletin, 2012, 42, 93-94.	0.8	4
110	Alien and native plant lifeâ€forms respond differently to human and climate pressures. Global Ecology and Biogeography, 2012, 21, 534-544.	5.8	65
111	Exploring anthropogenic and natural processes shaping fern species richness along elevational gradients. Journal of Biogeography, 2011, 38, 78-88.	3.0	42
112	Large-scale patterns of epiphytic lichen species richness: Photobiont-dependent response to climate and forest structure. Science of the Total Environment, 2011, 409, 4381-4386.	8.0	110
113	Exploring associations between international trade and environmental factors with establishment patterns of exotic Scolytinae. Biological Invasions, 2011, 13, 2275-2288.	2.4	66
114	Mitigating the impacts of the decline of traditional farming on mountain landscapes and biodiversity: a case study in the European Alps. Environmental Science and Policy, 2011, 14, 258-267.	4.9	107
115	Effect of reduction in sampling effort for monitoring epiphytic lichen diversity in forests. Community Ecology, 2010, 11, 250-256.	0.9	7
116	Agricultural land-use in the surrounding landscape affects moorland bird diversity. Agriculture, Ecosystems and Environment, 2010, 139, 578-583.	5.3	19
117	A multi-scale study of Orthoptera species richness and human population size controlling for sampling effort. Die Naturwissenschaften, 2010, 97, 265-271.	1.6	9
118	Oak forest exploitation and black-locust invasion caused severe shifts in epiphytic lichen communities in Northern Italy. Science of the Total Environment, 2010, 408, 5506-5512.	8.0	33
119	Scale-dependence of the correlation between human population and the species richness of stream macro-invertebrates. Basic and Applied Ecology, 2010, 11, 272-280.	2.7	14
120	Is the human population a largeâ€scale indicator of the species richness of ground beetles?. Animal Conservation, 2010, 13, 432-441.	2.9	24
121	Positive regional speciesâ€"people correlations: a sampling artefact or a key issue for sustainable development?. Animal Conservation, 2010, 13, 446-447.	2.9	9
122	Empirical realised niche models for British higher and lower plants - development and preliminary testing. Journal of Vegetation Science, 2010, 21, 643.	2.2	25
123	Epiphytic lichen diversity in old-growth and managed Picea abies stands in Alpine spruce forests. Forest Ecology and Management, 2010, 260, 603-609.	3.2	52
124	Disentangling effects of habitat diversity and area on orthopteran species with contrasting mobility. Biological Conservation, 2010, 143, 2164-2171.	4.1	63
125	Early colonization of stone by freshwater lichens of restored habitats: A case study in northern Italy. Science of the Total Environment, 2009, 407, 5001-5006.	8.0	16
126	Influence of tree age, tree size and crown structure on lichen communities in mature Alpine spruce forests. Biodiversity and Conservation, 2009, 18, 1509-1522.	2.6	77

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127	Contrasting response of native and alien plant species richness to environmental energy and human impact along alpine elevation gradients. Global Ecology and Biogeography, 2009, 18, 652-661.	5.8	88
128	Agricultural management, vegetation traits and landscape drive orthopteran and butterfly diversity in a grasslandâ€“forest mosaic: a multiâ€scale approach. Insect Conservation and Diversity, 2009, 2, 213-220.	3.0	96
129	Response of orthopteran diversity to abandonment of semi-natural meadows. Agriculture, Ecosystems and Environment, 2009, 132, 232-236.	5.3	101
130	Impact of farm size and topography on plant and insect diversity of managed grasslands in the Alps. Biological Conservation, 2009, 142, 394-403.	4.1	105
131	Influence of tree species on epiphytic macrolichens in temperate mixed forests of northern Italy. Canadian Journal of Forest Research, 2009, 39, 785-791.	1.7	32
132	Effects of smallâ€scale grassland fragmentation and frequent mowing on population density and species diversity of orthopterans: a longâ€term study. Ecological Entomology, 2009, 34, 321-329.	2.2	55
133	Vascular plant and Orthoptera diversity in relation to grassland management and landscape composition in the European Alps. Journal of Applied Ecology, 2008, 45, 361-370.	4.0	170
134	Lichen diversity on stumps in relation to wood decay in subalpine forests of Northern Italy. Biodiversity and Conservation, 2008, 17, 2661-2670.	2.6	20
135	Waterâ€“energy, landâ€cover and heterogeneity drivers of the distribution of plant species richness in a mountain region of the European Alps. Journal of Biogeography, 2008, 35, 1826-1839.	3.0	30
136	Patterns of plant species richness in Alpine hay meadows: Local vs. landscape controls. Basic and Applied Ecology, 2008, 9, 365-372.	2.7	62
137	Additive partitioning of plant diversity with respect to grassland management regime, fertilisation and abiotic factors. Basic and Applied Ecology, 2008, 9, 626-634.	2.7	52
138	Hydrochemistry, water table depth and related distribution patterns of vascular plants in a mixed mire. Plant Biosystems, 2008, 142, 79-86.	1.6	10
139	Lichen diversity of coarse woody habitats in a Pinus-Larix stand in the Italian Alps. Lichenologist, 2008, 40, 153-163.	0.8	19
140	Epiphytic lichens in a riparian Natural Reserve of northern Italy: Species richness, composition and conservation. Plant Biosystems, 2008, 142, 94-98.	1.6	11
141	Influences of tree age and tree structure on the macrolichen Letharia vulpina: A case study in the Italian Alps. Ecoscience, 2008, 15, 423-428.	1.4	13
142	Freshwater lichens in springs of the eastern Italian Alps: floristics, ecology and potential for bioindication. Annales De Limnologie, 2007, 43, 285-292.	0.6	13
143	Influence of forest management on epiphytic lichens in a temperate beech forest of northern Italy. Forest Ecology and Management, 2007, 247, 43-47.	3.2	59
144	Effects of local factors on plant species richness and composition of Alpine meadows. Agriculture, Ecosystems and Environment, 2007, 119, 281-288.	5.3	123

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145	Testing indicators of epiphytic lichen diversity: a case study in N Italy. Biodiversity and Conservation, 2007, 16, 3377-3383.	2.6	9
146	Epiphytic lichen vegetation onLarixin the Italian Alps. Plant Biosystems, 2006, 140, 132-137.	1.6	6