Marco Ciolli

List of Publications by Year
in descending order

58 papers	993 citations	471509 17 h-index	501196 28 g-index
58 all docs	58 docs citations	58 times ranked	1186 citing authors

#	Article	IF	Citations
1	Occupancy and detection of agricultural threats:ÂThe case of Philaenus spumarius, European vector of Xylella fastidiosa. Agriculture, Ecosystems and Environment, 2022, 324, 107707.	5.3	7
2	Mapping Pervious Surfaces and Canopy Cover Using High-Resolution Airborne Imagery and Digital Elevation Models to Support Urban Planning. Sustainability, 2022, 14, 6149.	3.2	5
3	Application of vibrational signals to study and manipulate an insect vector: the case of <i>Philaenus spumarius</i> (Hemiptera: Aphrophoridae). Pest Management Science, 2022, 78, 4061-4071.	3.4	3
4	Mapping Europeâ€™s institutional landscape for forest ecosystem service provision, innovations and governance. Ecosystem Services, 2021, 47, 101225.	5.4	35
5	A comparison of ground-based count methods for quantifying seed production in temperate broadleaved tree species. Annals of Forest Science, 2021, 78, 1.	2.0	6
6	Effects of cumulated outdoor activity on wildlife habitat use. Biological Conservation, 2021, 253, 108818.	4.1	27
7	Vibrational playbacks and microscopy to study the signalling behaviour and female physiology of Philaenus spumarius. Journal of Applied Entomology, 2021, 145, 518-529.	1.8	8
8	Trissolcus japonicus foraging behavior: Implications for host preference and classical biological control. Biological Control, 2021, 161, 104700.	3.0	15
9	Intrasexual Vibrational Behavior of Philaenus spumarius in Semi-Field Conditions. Insects, 2021, 12, 584.	2.2	5
10	The Landscape Change in the Alpsâ€"What Postcards Have to Say about Aesthetic Preference. Sustainability, 2021, 13, 7426.	3.2	5
11	Behavior of the European brown bear at rub trees. Ursus, 2021, 2021, .	0.5	3
12	Prickly Pear Seed Oil Extraction, Chemical Characterization and Potential Health Benefits. Molecules, 2021, 26, 5018.	3.8	17
13	Evaluating sampling schemes for quantifying seed production in beech (Fagus sylvatica) forests using ground quadrats. Forest Ecology and Management, 2021, 493, 119294.	3.2	6
14	Animal movements occurring during COVID-19 lockdown were predicted by connectivity models. Global Ecology and Conservation, 2021, 32, e01895.	2.1	6
15	Piloting a more inclusive governance innovation strategy for forest ecosystem services management in Primiero, Italy. Ecosystem Services, 2021, 52, 101380.	5.4	5
16	Modelling the geographical distributions of one native and two introduced species of crayfish in the French Alps. Ecological Informatics, 2020, 60, 101172.	5.2	4
17	New Integrated Approaches to Climate Emergency Landscape Strategies: The Case of Pan-European SATURN Project. Sustainability, 2020, 12, 8419.	3.2	8
18	Can Vibrational Playbacks Disrupt Mating or Influence Other Relevant Behaviours in Bactericera cockerelli (Triozidae: Hemiptera)?. Insects, 2020, 11, 299.	2.2	10

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19	Mapping hotspots and bundles of forest ecosystem services across the European Union. Land Use Policy, 2020, 99, 104840.	5.6	75
20	Vibrational communication and mating behavior of the meadow spittlebug Philaenus spumarius. Entomologia Generalis, 2020, 40, 307-321.	3.1	13
21	Vibrational communication and evidence for vibrational behavioural manipulation of the tomato potato psyllid, Bactericera cockerelli. Entomologia Generalis, 2020, 40, 351-363.	3.1	3
22	Integrating dendrochronology and geomatics to monitor natural hazards and landscape changes. Applied Geomatics, 2019, 11, 39-52.	2.5	4
23	New Tools for the Classification and Filtering of Historical Maps. ISPRS International Journal of Geo-Information, 2019, 8, 455.	2.9	14
24	Footprints and Ootheca of Lycorma delicatula Influence Host-Searching and -Acceptance of the Egg-Parasitoid Anastatus orientalis. Environmental Entomology, 2019, 48, 1270-1276.	1.4	12
25	Analysis of Bird Flyways in 3D. ISPRS International Journal of Geo-Information, 2019, 8, 535.	2.9	5
26	Relevance of the Cell Neighborhood Size in Landscape Metrics Evaluation and Free or Open Source Software Implementations. ISPRS International Journal of Geo-Information, 2019, 8, 586.	2.9	7
27	Monitoring 2.0: Update on the Halyomorpha halys Invasion of Trentino. ISPRS International Journal of Geo-Information, 2019, 8, 564.	2.9	4
28	Fruit availability for migratory birds: a GIS approach. PeerJ, 2019, 7, e6394.	2.0	6
29	Governing mountain landscapes collectively: local responses to emerging challenges within a systems thinking perspective. Landscape Research, 2018, 43, 1117-1130.	1.6	21
30	Coupling Traditional Monitoring and Citizen Science to Disentangle the Invasion of Halyomorpha halys. ISPRS International Journal of Geo-Information, 2018, 7, 171.	2.9	26
31	Place-Based Policy-Making and Community Security: A Decision Support System for Integrated Planning of Urban Ecosystem Services and Disservices. Green Energy and Technology, 2018, , 95-104.	0.6	4
32	Urban-Rural Bioenergy Planning as a Strategy for the Sustainable Development of Inner Areas: A GIS-Based Method to Chance the Forest Chain. Green Energy and Technology, 2018, , 539-550.	0.6	2
33	Advertising value of the brown bear in the Italian Alps. Ursus, 2017, 27, 110.	0.5	8
34	Cost-benefit Analysis with GIS: An Open Source Module for the Forest Bioenergy Sector. Energy Procedia, 2017, 107, 175-179.	1.8	3
35	A method to assess the economic impacts of forest biomass use on ecosystem services in a National Park. Biomass and Bioenergy, 2017, 98, 252-263.	5.7	15
36	Optimizing field and analytical procedures for estimating densities of arboreal and threatened primates in tropical rainforest. American Journal of Primatology, 2017, 79, e22666.	1.7	6

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37	Using camera trap data to assess the impact of bushmeat hunting on forest mammals in Tanzania. Oryx, 2017, 51, 87-97.	1.0	50
38	Integrating field and satellite data for spatially explicit inference on the density of threatened arboreal primates. Ecological Applications, 2017, 27, 235-243.	3.8	12
39	Landscape changes, traditional ecological knowledge and future scenarios in the Alps: A holistic ecological approach. Science of the Total Environment, 2017, 579, 27-36.	8.0	43
40	FOSS Tools and Applications for Education in Geospatial Sciences. ISPRS International Journal of Geo-Information, 2017, 6, 225.	2.9	14
41	Co-benefits of Smart and Sustainable Energy District Projects: An Overview of Economic Assessment Methodologies. Green Energy and Technology, 2017, , 127-164.	0.6	18
42	Mapping Historical Data: Recovering a Forgotten Floristic and Vegetation Database for Biodiversity Monitoring. ISPRS International Journal of Geo-Information, 2016, 5, 100.	2.9	7
43	Balancing Economic Development and Environmental Conservation for a New Governance of Alpine Areas. Sustainability, 2016, 8, 802.	3.2	13
44	Trade-off between photovoltaic systems installation and agricultural practices on arable lands: An environmental and socio-economic impact analysis for Italy. Land Use Policy, 2016, 56, 90-99.	5.6	55
45	Mixed forests and ecosystem services: Investigating stakeholders' perceptions in a case study in the Polish Carpathians. Forest Policy and Economics, 2016, 66, 11-17.	3.4	37
46	Chapter 1 Perspectives of Low-Cost Sensors Adoption for Air Quality Monitoring. , 2016, , 1-14.		1
47	Primates in Human-Modified and Fragmented Landscapes: The Conservation Relevance of Modelling Habitat and Disturbance Factors in Density Estimation. PLoS ONE, 2016, 11, e0148289.	2.5	19
48	Revitalizing Traditional Ecological Knowledge: A Study in an Alpine Rural Community. Environmental Management, 2015, 56, 144-156.	2.7	28
49	New population of Abbott's duiker and other species' range records in the Udzungwa Mountains, Tanzania. Oryx, 2014, 48, 328-329.	1.0	3
50	Matching socio-economic and environmental efficiency of wood-residues energy chain: a partial equilibrium model for a case study in Alpine area. Journal of Cleaner Production, 2014, 66, 431-442.	9.3	35
51	Biomasfor: an open-source holistic model for the assessment of sustainable forest bioenergy. IForest, 2013, 6, 285-293.	1.4	29
52	Pygrass: An Object Oriented Python Application Programming Interface (API) for Geographic Resources Analysis Support System (GRASS) Geographic Information System (GIS). ISPRS International Journal of Geo-Information, 2013, 2, 201-219.	2.9	43
53	A GIS decision support system for regional forest management to assess biomass availability for renewable energy production. Environmental Modelling and Software, 2012, 38, 203-213.	4.5	87
54	Understanding Forest Changes to Support Planning. Developments in Environmental Modelling, 2012, 25, 355-373.	0.3	10

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55	The Fate of Priority Areas for Conservation in Protected Areas: A Fine-Scale Markov Chain Approach. Environmental Management, 2011, 47, 263-278.	2.7	43
56	Monitoring spatial and temporal pattern of Paneveggio forest (northern Italy) from 1859 to 2006. IForest, 2010, 3, 72-80.	1.4	34
57	Development and Application of 2D and 3D GRASS Modules for Simulation of Thermally Driven Slope Winds. Transactions in GIS, 2004, 8, 191-209.	2.3	8
58	SCREENING OF ENVIRONMENTAL IMPACT OF POLLUTION WITH THE QGIS PLUGIN ENVIFATE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W2, 79-83.	0.2	1