# Marco Ciolli

List of Publications by Year
in descending order



| 58 | 993 | 471509 17 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 58 | 58 | 58 | 1186 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Mapping hotspots and bundles of forest ecosystem services across the European Union. Land Use Policy, 2020, 99, 104840. | 5.6 | 75 |
| 3 | 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 |
| 4 | Using camera trap data to assess the impact of bushmeat hunting on forest mammals in Tanzania. Oryx, 2017, 51, 87-97. | 1.0 | 50 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Mapping Europeâ€™s institutional landscape for forest ecosystem service provision, innovations and governance. Ecosystem Services, 2021, 47, 101225. | 5.4 | 35 |
| 11 | Monitoring spatial and temporal pattern of Paneveggio forest (northern Italy) from 1859 to 2006. IForest, 2010, 3, 72-80. | 1.4 | 34 |
| 12 | Biomasfor: an open-source holistic model for the assessment of sustainable forest bioenergy. IForest, 2013, 6, 285-293. | 1.4 | 29 |
| 13 | Revitalizing Traditional Ecological Knowledge: A Study in an Alpine Rural Community. Environmental Management, 2015, 56, 144-156. | 2.7 | 28 |
| 14 | Effects of cumulated outdoor activity on wildlife habitat use. Biological Conservation, 2021, 253, 108818. | 4.1 | 27 |
| 15 | 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 |
| 16 | Governing mountain landscapes collectively: local responses to emerging challenges within a systems thinking perspective. Landscape Research, 2018, 43, 1117-1130. | 1.6 | 21 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Prickly Pear Seed Oil Extraction, Chemical Characterization and Potential Health Benefits. Molecules, 2021, 26, 5018. | 3.8 | 17 |
| 20 | 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 |
| 21 | Trissolcus japonicus foraging behavior: Implications for host preference and classical biological control. Biological Control, 2021, 161, 104700. | 3.0 | 15 |
| 22 | FOSS Tools and Applications for Education in Geospatial Sciences. ISPRS International Journal of Geo-Information, 2017, 6, 225. | 2.9 | 14 |
| 23 | New Tools for the Classification and Filtering of Historical Maps. ISPRS International Journal of Geo-Information, 2019, 8, 455. | 2.9 | 14 |
| 24 | Balancing Economic Development and Environmental Conservation for a New Governance of Alpine Areas. Sustainability, 2016, 8, 802. | 3.2 | 13 |
| 25 | Vibrational communication and mating behavior of the meadow spittlebug Philaenus spumarius. Entomologia Generalis, 2020, 40, 307-321. | 3.1 | 13 |
| 26 | 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 |
| 27 | 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 |
| 28 | Understanding Forest Changes to Support Planning. Developments in Environmental Modelling, 2012, 25, 355-373. | 0.3 | 10 |
| 29 | Can Vibrational Playbacks Disrupt Mating or Influence Other Relevant Behaviours in Bactericera cockerelli (Triozidae: Hemiptera)?. Insects, 2020, 11, 299. | 2.2 | 10 |
| 30 | 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 |
| 31 | Advertising value of the brown bear in the Italian Alps. Ursus, 2017, 27, 110. | 0.5 | 8 |
| 32 | New Integrated Approaches to Climate Emergency Landscape Strategies: The Case of Pan-European SATURN Project. Sustainability, 2020, 12, 8419. | 3.2 | 8 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Fruit availability for migratory birds: a GIS approach. PeerJ, 2019, 7, e6394. | 2.0 | 6 |
| 41 | Animal movements occurring during COVID-19 lockdown were predicted by connectivity models. Global Ecology and Conservation, 2021, 32, e01895. | 2.1 | 6 |
| 42 | Analysis of Bird Flyways in 3D. ISPRS International Journal of Geo-Information, 2019, 8, 535. | 2.9 | 5 |
| 43 | Intrasexual Vibrational Behavior of Philaenus spumarius in Semi-Field Conditions. Insects, 2021, 12, 584. | 2.2 | 5 |
| 44 | The Landscape Change in the Alpsâ€"What Postcards Have to Say about Aesthetic Preference. Sustainability, 2021, 13, 7426. | 3.2 | 5 |
| 45 | Piloting a more inclusive governance innovation strategy for forest ecosystem services management in Primiero, Italy. Ecosystem Services, 2021, 52, 101380. | 5.4 | 5 |
| 46 | 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 |
| 47 | 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 |
| 48 | Integrating dendrochronology and geomatics to monitor natural hazards and landscape changes. Applied Geomatics, 2019, 11, 39-52. | 2.5 | 4 |
| 49 | Monitoring 2.0: Update on the Halyomorpha halys Invasion of Trentino. ISPRS International Journal of Geo-Information, 2019, 8, 564. | 2.9 | 4 |
| 50 | 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 |
| 51 | New population of Abbott's duiker and other species' range records in the Udzungwa Mountains, Tanzania. Oryx, 2014, 48, 328-329. | 1.0 | 3 |
| 52 | Cost-benefit Analysis with GIS: An Open Source Module for the Forest Bioenergy Sector. Energy Procedia, 2017, 107, 175-179. | 1.8 | 3 |
| 53 | Behavior of the European brown bear at rub trees. Ursus, 2021, 2021, . | 0.5 | 3 |
| 54 | Vibrational communication and evidence for vibrational behavioural manipulation of the tomato potato psyllid, Bactericera cockerelli. Entomologia Generalis, 2020, 40, 351-363. | 3.1 | 3 |

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|---|---|---|---|
| 55 | Application of vibrational signals to study and manipulate an insect vector: the case of Philaenus spumarius (Hemiptera: Aphrophoridae). Pest Management Science, 2022, 78, 4061-4071. | 3.4 | 3 |
| 56 | 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 |
| 57 | Chapter 1 Perspectives of Low-Cost Sensors Adoption for Air Quality Monitoring. , 2016, , 1-14. | | 1 |
| 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 |