

Artur Gil

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,701
citations

361413

20
h-index

315739

38
g-index

63
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docs citations

63
times ranked

2269
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The harlequin ladybird, <i>Harmonia axyridis</i> : global perspectives on invasion history and ecology. <i>Biological Invasions</i> , 2016, 18, 997-1044. | 2.4 | 275 |
| 2 | A roadmap for island biology: 50 fundamental questions after 50 years of <i>The Theory of Island Biogeography</i> . <i>Journal of Biogeography</i> , 2017, 44, 963-983. | 3.0 | 167 |
| 3 | Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363. | 2.6 | 119 |
| 4 | Spatial assessment of habitat conservation status in a Macaronesian island based on the InVEST model: a case study of Pico Island (Azores, Portugal). <i>Land Use Policy</i> , 2018, 78, 637-649. | 5.6 | 93 |
| 5 | Natural zonal vegetation of the Azores Islands: characterization and potential distribution. <i>Phytocoenologia</i> , 2016, 46, 107-123. | 0.5 | 72 |
| 6 | Global Island Monitoring Scheme (GIMS): a proposal for the long-term coordinated survey and monitoring of native island forest biota. <i>Biodiversity and Conservation</i> , 2018, 27, 2567-2586. | 2.6 | 72 |
| 7 | Digital sustainability communication in tourism. <i>Journal of Innovation & Knowledge</i> , 2021, 6, 27-34. | 14.0 | 63 |
| 8 | Public participation in municipal transport planning processes – the case of the sustainable mobility plan of Ponta Delgada, Azores, Portugal. <i>Journal of Transport Geography</i> , 2011, 19, 1309-1319. | 5.0 | 60 |
| 9 | Remote sensing to map influence of light pollution on <i>Cory's</i> shearwater in São Miguel Island, Azores Archipelago. <i>European Journal of Wildlife Research</i> , 2012, 58, 147-155. | 1.4 | 54 |
| 10 | Estimating tree canopy cover percentage in a mediterranean silvopastoral systems using Sentinel-2A imagery and the stochastic gradient boosting algorithm. <i>International Journal of Remote Sensing</i> , 2018, 39, 4640-4662. | 2.9 | 53 |
| 11 | Distribution, habitat and biomass of <i>Pittosporum undulatum</i> , the most important woody plant invader in the Azores Archipelago. <i>Forest Ecology and Management</i> , 2011, 262, 178-187. | 3.2 | 45 |
| 12 | Mapping invasive woody plants in Azores Protected Areas by using very high-resolution multispectral imagery. <i>European Journal of Remote Sensing</i> , 2013, 46, 289-304. | 3.5 | 41 |
| 13 | A remote sensing-based approach to estimating montado canopy density using the FCD model: a contribution to identifying HNV farmlands in southern Portugal. <i>Agroforestry Systems</i> , 2016, 90, 23-34. | 2.0 | 34 |
| 14 | Strategies for conservation planning and management of terrestrial ecosystems in small islands (exemplified for the Macaronesian islands). <i>Environmental Science and Policy</i> , 2015, 51, 1-22. | 4.9 | 33 |
| 15 | Towards a “Sea-Level Sensitive” dynamic model: impact of island ontogeny and glacio-eustasy on global patterns of marine island biogeography. <i>Biological Reviews</i> , 2019, 94, 1116-1142. | 10.4 | 33 |
| 16 | Ecosystem services mapping and assessment for policy- and decision-making: Lessons learned from a comparative analysis of European case studies. <i>One Ecosystem</i> , 0, 5, . | 0.0 | 33 |
| 17 | Macaronesia as a Fruitful Arena for Ecology, Evolution, and Conservation Biology. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, . | 2.2 | 33 |
| 18 | Assessing the role of Mediterranean evergreen oaks canopy cover in land surface albedo and temperature using a remote sensing-based approach. <i>Applied Geography</i> , 2016, 74, 84-94. | 3.7 | 28 |

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|----|---|------|-----------|
| 19 | Land Cover Trade-offs in Small Oceanic Islands: A Temporal Analysis of Pico Island, Azores. Land Degradation and Development, 2018, 29, 349-360. | 3.9 | 26 |
| 20 | It's hard to be green: Reverse green value chain. Environmental Research, 2016, 149, 302-313. | 7.5 | 24 |
| 21 | Using a stochastic gradient boosting algorithm to analyse the effectiveness of Landsat 8 data for montado land cover mapping: Application in southern Portugal. International Journal of Applied Earth Observation and Geoinformation, 2016, 49, 151-162. | 2.8 | 24 |
| 22 | Vineyard Yield Estimation, Prediction, and Forecasting: A Systematic Literature Review. Agronomy, 2021, 11, 1789. | 3.0 | 23 |
| 23 | Pollination services mapping and economic valuation from insect communities: a case study in the Azores (Terceira Island). Nature Conservation, 0, 18, 1-25. | 0.0 | 19 |
| 24 | Assessing the effectiveness of RapidEye multispectral imagery for vegetation mapping in Madeira Island (Portugal). European Journal of Remote Sensing, 2016, 49, 643-672. | 3.5 | 18 |
| 25 | Mapping and assessing land cover/land use and aboveground carbon stocks rapid changes in small oceanic islands' terrestrial ecosystems: A case study of Madeira Island, Portugal (2009-2011). Remote Sensing of Environment, 2020, 239, 111625. | 11.0 | 18 |
| 26 | Linking GMES Space Component to the development of land policies in Outermost Regions- the Azores (Portugal) case-study. European Journal of Remote Sensing, 2012, 45, 263-281. | 3.5 | 17 |
| 27 | Mapping invasive alien Acacia dealbata Link using ASTER multispectral imagery: a case study in central-eastern of Portugal. Forest Systems, 2016, 25, e078. | 0.3 | 16 |
| 28 | Coastal and marine protected areas as key elements for tourism in small islands. Journal of Coastal Research, 2014, 70, 461-466. | 0.3 | 13 |
| 29 | Identifying key factors, actors and relevant scales in landscape and conservation planning, management and decision making: Promoting effective citizen involvement. Journal for Nature Conservation, 2019, 47, 12-27. | 1.8 | 13 |
| 30 | Using low-cost drones to monitor heterogeneous submerged seaweed habitats: A case study in the Azores. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1909-1922. | 2.0 | 12 |
| 31 | Using aster multispectral imagery for mapping woody invasive species in pico da vara natural reserve (Azores Islands, Portugal). Revista Arvore, 2014, 38, 391-401. | 0.5 | 12 |
| 32 | Small Islands Conservation and Protected Areas. Journal of Integrated Coastal Zone Management, 2014, 14, 167-174. | 0.1 | 12 |
| 33 | Fuzzy set theory for predicting the potential distribution and cost-effective monitoring of invasive species. Ecological Modelling, 2015, 316, 122-132. | 2.5 | 11 |
| 34 | Digitizing a sustainable future. One Earth, 2021, 4, 768-771. | 6.8 | 11 |
| 35 | Invasive Alien Plants in the Azorean Protected Areas: Invasion Status and Mitigation Actions. , 2013, , 375-394. | | 10 |
| 36 | Assessing the effects of different land-use/land-cover input datasets on modelling and mapping terrestrial ecosystem services - Case study Terceira Island (Azores, Portugal). One Ecosystem, 0, 6, . | 0.0 | 10 |

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|----|---|-----|-----------|
| 37 | Using graph theory to analyse and assess changes in Mediterranean woodland connectivity. <i>Landscape Ecology</i> , 2020, 35, 1291-1308. | 4.2 | 9 |
| 38 | Developing a Planning and Management System for Protected Areas on Small Islands (The Azores) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 2014, 14, 335-344. | 0.1 | 9 |
| 39 | Monitoring Arthropods in Azorean Agroecosystems: the project AGRO-ECOSERVICES. <i>Biodiversity Data Journal</i> , 2021, 9, e77548. | 0.8 | 9 |
| 40 | Using modeling tools for implementing feasible land use and nature conservation governance systems in small islands – The Pico Island (Azores) case-study. <i>Journal of Environmental Management</i> , 2017, 189, 1-13. | 7.8 | 8 |
| 41 | Genesis and morphological evolution of coastal talus-platforms (fajãs) with lagoons: The case study of the newly-formed Fajã dos Milagres (Corvo Island, Azores). <i>Geomorphology</i> , 2018, 310, 138-152. | 2.6 | 8 |
| 42 | A Low-cost Sentinel-2 Data and Rao's Q Diversity Index-based Application for Detecting, Assessing and Monitoring Coastal Land-cover/Land-use Changes at High Spatial Resolution. <i>Journal of Coastal Research</i> , 2020, 95, 1315. | 0.3 | 7 |
| 43 | Expert knowledge-based co-development of scenarios for maritime spatial planning in the Northeast Atlantic. <i>Marine Policy</i> , 2021, 133, 104741. | 3.2 | 6 |
| 44 | Applying an integrated landscape characterization and evaluation tool to small islands (Pico, Azores,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> | 0.1 | 6 |
| 45 | Thematic Section: Sustainable development and environmental conservation in the Outermost European Regions. <i>Island Studies Journal</i> , 2016, 11, 5-8. | 1.5 | 6 |
| 46 | Spatial planning and resource use in the Azores. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1079-1095. | 2.1 | 5 |
| 47 | MAPPING THE ECOLOGICAL STRUCTURE IN OCEANIC ISLANDS - THE CASE-STUDY OF S. MIGUEL ISLAND (PORTUGAL). <i>Environmental Engineering and Management Journal</i> , 2016, 15, 1593-1602. | 0.6 | 5 |
| 48 | The Priolo Atlas: A citizen science-based census initiative for supporting <i>Pyrrhula murina</i> habitat conservation and restoration policies in São Miguel Island (Azores, Portugal). <i>Ecological Engineering</i> , 2016, 86, 45-52. | 3.6 | 4 |
| 49 | The socio-economic impact of conservation: the Safe Islands for Seabirds LIFE project. <i>Oryx</i> , 2019, 53, 109-116. | 1.0 | 4 |
| 50 | Advances in remote-sensing applications in silvo-pastoral systems. <i>International Journal of Remote Sensing</i> , 2018, 39, 4565-4571. | 2.9 | 3 |
| 51 | Macroalgae niche modelling: a two-step approach using remote sensing and in situ observations of a native and an invasive <i>Asparagopsis</i> . <i>Biological Invasions</i> , 2021, 23, 3215-3230. | 2.4 | 3 |
| 52 | DORIS_Net: enhancing the regional impact of COPERNICUS program by setting up the European Network of Regional Contact Offices. <i>European Journal of Remote Sensing</i> , 2014, 47, 29-43. | 3.5 | 2 |
| 53 | Using very high resolution satellite imagery for land cover mapping in Pico Da Vara Nature Reserve (S.) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> | 2 | |
| 54 | Standardised inventories of spiders (Arachnida, Araneae) on touristic trails of the native forests of the Azores (Portugal). <i>Biodiversity Data Journal</i> , 2021, 9, e62886. | 0.8 | 2 |

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|----|---|-----|-----------|
| 55 | Mapping recreational ecosystem services from stakeholders' perspective in the Azores. One Ecosystem, 0, 6, . | 0.0 | 2 |
| 56 | The spectralrao-monitoring Python package: A RAO's Q diversity index-based application for land-cover/land-use change detection in multifunctional agricultural areas. Computers and Electronics in Agriculture, 2022, 196, 106861. | 7.7 | 2 |
| 57 | Assessing the local perception of climate change in a small island: a case study. International Journal of Global Warming, 2020, 22, 30. | 0.5 | 1 |
| 58 | Resource Communication: ForestAz - Using Google Earth Engine and Sentinel data for forest monitoring in the Azores Islands (Portugal). Forest Systems, 2022, 31, eRC01. | 0.3 | 1 |
| 59 | Effects of Pansharpening Methods on Discrimination of Tropical Crop and Forest Using Very High-Resolution Satellite Imagery. , 2018, , . | | 0 |
| 60 | Using Open Remote Sensing and Geographic Data for SMART Monitoring of Nature-based TOURISM in the Azores Islands Natural Parks: towards (more) Sustainability. IOP Conference Series: Earth and Environmental Science, 2020, 509, 012019. | 0.3 | 0 |
| 61 | Supporting the spatial management of invasive alien plants through assessment of landscape dynamics and connectivity. Restoration Ecology, 0, , e13592. | 2.9 | 0 |
| 62 | Assessing the local perception of climate change in a small island: a case study. International Journal of Global Warming, 2020, 22, 30. | 0.5 | 0 |
| 63 | Editorial: Ecosystem and Hydrological Responses in Mountain Environments to the Changing Climate. Frontiers in Environmental Science, 2022, 10, . | 3.3 | 0 |