Artur Gil

List of Publications by Year
in descending order

63 papers	1,701 citations	361045 20 h-index	315357 38 g-index
63 all docs	63 docs citations	63 times ranked	2269 citing authors

#	Article	IF	Citations
1	The harlequin ladybird, Harmonia axyridis: global perspectives on invasion history and ecology. Biological Invasions, 2016, 18, 997-1044.	1.2	275
2	A roadmap for island biology: 50 fundamental questions after 50 years of <i>The Theory of Island Biogeography</i>. Journal of Biogeography, 2017, 44, 963-983.	1.4	167
3	Altimetry for the future: Building on 25 years of progress. Advances in Space Research, 2021, 68, 319-363.	1.2	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). Land Use Policy, 2018, 78, 637-649.	2.5	93
5	Natural zonal vegetation of the Azores Islands: characterization and potential distribution. Phytocoenologia, 2016, 46, 107-123.	1.2	72
6	Global Island Monitoring Scheme (GIMS): a proposal for the long-term coordinated survey and monitoring of native island forest biota. Biodiversity and Conservation, 2018, 27, 2567-2586.	1.2	72
7	Digital sustainability communication in tourism. Journal of Innovation & Knowledge, 2021, 6, 27-34.	7.3	63
8	Public participation in municipal transport planning processes – the case of the sustainable mobility plan of Ponta Delgada, Azores, Portugal. Journal of Transport Geography, 2011, 19, 1309-1319.	2.3	60
9	Remote sensing to map influence of light pollution on Cory's shearwater in São Miguel Island, Azores Archipelago. European Journal of Wildlife Research, 2012, 58, 147-155.	0.7	54
10	Estimating tree canopy cover percentage in a mediterranean silvopastoral systems using Sentinel-2A imagery and the stochastic gradient boosting algorithm. International Journal of Remote Sensing, 2018, 39, 4640-4662.	1.3	53
11	Distribution, habitat and biomass of Pittosporum undulatum, the most important woody plant invader in the Azores Archipelago. Forest Ecology and Management, 2011, 262, 178-187.	1.4	45
12	Mapping invasive woody plants in Azores Protected Areas by using very high-resolution multispectral imagery. European Journal of Remote Sensing, 2013, 46, 289-304.	1.7	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. Agroforestry Systems, 2016, 90, 23-34.	0.9	34
14	Strategies for conservation planning and management of terrestrial ecosystems in small islands (exemplified for the Macaronesian islands). Environmental Science and Policy, 2015, 51, 1-22.	2.4	33
15	Towards a 'Sea-Level Sensitive' dynamic model: impact of island ontogeny and glacio-eustasy on global patterns of marine island biogeography. Biological Reviews, 2019, 94, 1116-1142.	4.7	33
16	Ecosystem services mapping and assessment for policy- and decision-making: Lessons learned from a comparative analysis of European case studies. One Ecosystem, 0, 5, .	0.0	33
17	Macaronesia as a Fruitful Arena for Ecology, Evolution, and Conservation Biology. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	33
18	Assessing the role of Mediterranean evergreen oaks canopy cover in land surface albedo and temperature using a remote sensing-based approach. Applied Geography, 2016, 74, 84-94.	1.7	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.	1.8	26
20	It's hard to be green: Reverse green value chain. Environmental Research, 2016, 149, 302-313.	3.7	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.	1.4	24
22	Vineyard Yield Estimation, Prediction, and Forecasting: A Systematic Literature Review. Agronomy, 2021, 11, 1789.	1.3	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.	1.7	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.	4.6	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.	1.7	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.	0.1	16
28	Coastal and marine protected areas as key elements for tourism in small islands. Journal of Coastal Research, 2014, 70, 461-466.	0.1	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.	0.8	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.	0.9	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.	0.2	12
33	Fuzzy set theory for predicting the potential distribution and cost-effective monitoring of invasive species. Ecological Modelling, 2015, 316, 122-132.	1.2	11
34	Digitizing a sustainable future. One Earth, 2021, 4, 768-771.	3.6	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. Landscape Ecology, 2020, 35, 1291-1308.	1.9	9
38	Developing a Planning and Management System for Protected Areas on Small Islands (The Azores) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2014, 14, 335-344.	0.2	9
39	Monitoring Arthropods in Azorean Agroecosystems: the project AGRO-ECOSERVICES. Biodiversity Data Journal, 2021, 9, e77548.	0.4	9
40	Using modeling tools for implementing feasible land use and nature conservation governance systems in small islands â€" The Pico Island (Azores) case-study. Journal of Environmental Management, 2017, 189, 1-13.	3.8	8
41	Genesis and morphological evolution of coastal talus-platforms (fajÃ£s) with lagoons: The case study of the newly-formed FajÃ£ dos Milagres (Corvo Island, Azores). Geomorphology, 2018, 310, 138-152.	1.1	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. Journal of Coastal Research, 2020, 95, 1315.	0.1	7
43	Expert knowledge-based co-development of scenarios for maritime spatial planning in the Northeast Atlantic. Marine Policy, 2021, 133, 104741.	1.5	6
44	Applying an integrated landscape characterization and evaluation tool to small islands (Pico, Azores,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	6
45	Thematic Section: Sustainable development and environmental conservation in the Outermost European Regions. Island Studies Journal, 2016, 11, 5-8.	0.9	6
46	Spatial planning and resource use in the Azores. Mitigation and Adaptation Strategies for Global Change, 2015, 20, 1079-1095.	1.0	5
47	MAPPING THE ECOLOGICAL STRUCTURE IN OCEANIC ISLANDS - THE CASE-STUDY OF S. MIGUEL ISLAND (PORTUGAL). Environmental Engineering and Management Journal, 2016, 15, 1593-1602.	0.2	5
48	The Priolo Atlas: A citizen science-based census initiative for supporting Pyrrhula murina habitat conservation and restoration policies in SÃ£o Miguel Island (Azores, Portugal). Ecological Engineering, 2016, 86, 45-52.	1.6	4
49	The socio-economic impact of conservation: the Safe Islands for Seabirds LIFE project. Oryx, 2019, 53, 109-116.	0.5	4
50	Advances in remote-sensing applications in silvo-pastoral systems. International Journal of Remote Sensing, 2018, 39, 4565-4571.	1.3	3
51	Macroalgae niche modelling: a two-step approach using remote sensing and in situ observations of a native and an invasive Asparagopsis. Biological Invasions, 2021, 23, 3215-3230.	1.2	3
52	DORIS_Net: enhancing the regional impact of COPERNICUS program by setting up the European Network of Regional Contact Offices. European Journal of Remote Sensing, 2014, 47, 29-43.	1.7	2
53	Using very high resolution satellite imagery for land cover mapping in Pico Da Vara Nature Reserve (S.) Tj ETQq1 1 0.784314 rgBT /Ov		2
54	Standardised inventories of spiders (Arachnida, Araneae) on touristic trails of the native forests of the Azores (Portugal). Biodiversity Data Journal, 2021, 9, e62886.	0.4	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.	3.7	2
57	Assessing the local perception of climate change in a small island: a case study. International Journal of Global Warming, 2020, 22, 30.	0.2	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.	0.1	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.	0.2	0
61	Supporting the spatial management of invasive alien plants through assessment of landscape dynamics and connectivity. Restoration Ecology, 0, , e13592.	1.4	0
62	Assessing the local perception of climate change in a small island: a case study. International Journal of Global Warming, 2020, 22, 30.	0.2	0
63	Editorial: Ecosystem and Hydrological Responses in Mountain Environments to the Changing Climate. Frontiers in Environmental Science, 2022, 10, .	1.5	0