

Artur Gil

List of Publications by Year in descending order

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Version: 2024-02-01

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	Editorial: Ecosystem and Hydrological Responses in Mountain Environments to the Changing Climate. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
2	The spectralrao-monitoring Python package: A RAO's Q diversity index-based application for land-cover/land-use change detection in multifunctional agricultural areas. <i>Computers and Electronics in Agriculture</i> , 2022, 196, 106861.	3.7	2
3	Resource Communication: ForestAz - Using Google Earth Engine and Sentinel data for forest monitoring in the Azores Islands (Portugal). <i>Forest Systems</i> , 2022, 31, eRC01.	0.1	1
4	Digital sustainability communication in tourism. <i>Journal of Innovation & Knowledge</i> , 2021, 6, 27-34.	7.3	63
5	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.	0.4	2
6	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.	1.2	3
7	Digitizing a sustainable future. <i>One Earth</i> , 2021, 4, 768-771.	3.6	11
8	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	1.2	119
9	Vineyard Yield Estimation, Prediction, and Forecasting: A Systematic Literature Review. <i>Agronomy</i> , 2021, 11, 1789.	1.3	23
10	Expert knowledge-based co-development of scenarios for maritime spatial planning in the Northeast Atlantic. <i>Marine Policy</i> , 2021, 133, 104741.	1.5	6
11	Macaronesia as a Fruitful Arena for Ecology, Evolution, and Conservation Biology. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	33
12	Monitoring Arthropods in Azorean Agroecosystems: the project AGRO-ECOSERVICES. <i>Biodiversity Data Journal</i> , 2021, 9, e77548.	0.4	9
13	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 (2009â€“2011). <i>Remote Sensing of Environment</i> , 2020, 239, 111625.	4.6	18
14	Assessing the local perception of climate change in a small island: a case study. <i>International Journal of Global Warming</i> , 2020, 22, 30.	0.2	1
15	Using Open Remote Sensing and Geographic Data for SMART Monitoring of Nature-based TOURISM in the Azores Islands Natural Parks: towards (more) Sustainability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 509, 012019.	0.2	0
16	Using graph theory to analyse and assess changes in Mediterranean woodland connectivity. <i>Landscape Ecology</i> , 2020, 35, 1291-1308.	1.9	9
17	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.	0.1	7
18	Assessing the local perception of climate change in a small island: a case study. <i>International Journal of Global Warming</i> , 2020, 22, 30.	0.2	0

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19	Using low-cost drones to monitor heterogeneous submerged seaweed habitats: A case study in the Azores. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1909-1922.	0.9	12
20	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.	4.7	33
21	Identifying key factors, actors and relevant scales in landscape and conservation planning, management and decision making: Promoting effective citizen involvement. <i>Journal for Nature Conservation</i> , 2019, 47, 12-27.	0.8	13
22	The socio-economic impact of conservation: the Safe Islands for Seabirds LIFE project. <i>Oryx</i> , 2019, 53, 109-116.	0.5	4
23	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.	1.1	8
24	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.	1.3	53
25	Land Cover Tradeoffs in Small Oceanic Islands: A Temporal Analysis of Pico Island, Azores. <i>Land Degradation and Development</i> , 2018, 29, 349-360.	1.8	26
26	Effects of Pansharpening Methods on Discrimination of Tropical Crop and Forest Using Very High-Resolution Satellite Imagery. , 2018, , .		0
27	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.	2.5	93
28	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.	1.2	72
29	Advances in remote-sensing applications in silvo-pastoral systems. <i>International Journal of Remote Sensing</i> , 2018, 39, 4565-4571.	1.3	3
30	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.	1.4	167
31	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.	3.8	8
32	The harlequin ladybird, <i>Harmonia axyridis</i> : global perspectives on invasion history and ecology. <i>Biological Invasions</i> , 2016, 18, 997-1044.	1.2	275
33	It's hard to be green: Reverse green value chain. <i>Environmental Research</i> , 2016, 149, 302-313.	3.7	24
34	Natural zonal vegetation of the Azores Islands: characterization and potential distribution. <i>Phytocoenologia</i> , 2016, 46, 107-123.	1.2	72
35	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.	1.7	28
36	Assessing the effectiveness of RapidEye multispectral imagery for vegetation mapping in Madeira Island (Portugal). <i>European Journal of Remote Sensing</i> , 2016, 49, 643-672.	1.7	18

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37	Using a stochastic gradient boosting algorithm to analyse the effectiveness of Landsat 8 data for montado land cover mapping: Application in southern Portugal. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 49, 151-162.	1.4	24
38	The Priolo Atlas: A citizen science-based census initiative for supporting <i>Pyrrhula murina</i> habitat conservation and restoration policies in S�o Miguel Island (Azores, Portugal). <i>Ecological Engineering</i> , 2016, 86, 45-52.	1.6	4
39	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.	0.9	34
40	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.	0.2	5
41	Mapping invasive alien <i>Acacia dealbata</i> Link using ASTER multispectral imagery: a case study in central-eastern of Portugal. <i>Forest Systems</i> , 2016, 25, e078.	0.1	16
42	Thematic Section: Sustainable development and environmental conservation in the Outermost European Regions. <i>Island Studies Journal</i> , 2016, 11, 5-8.	0.9	6
43	Using very high resolution satellite imagery for land cover mapping in Pico Da Vara Nature Reserve (S. Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf		
44	Spatial planning and resource use in the Azores. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1079-1095.	1.0	5
45	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.	2.4	33
46	Fuzzy set theory for predicting the potential distribution and cost-effective monitoring of invasive species. <i>Ecological Modelling</i> , 2015, 316, 122-132.	1.2	11
47	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.	1.7	2
48	Coastal and marine protected areas as key elements for tourism in small islands. <i>Journal of Coastal Research</i> , 2014, 70, 461-466.	0.1	13
49	Using aster multispectral imagery for mapping woody invasive species in pico da vara natural reserve (Azores Islands, Portugal). <i>Revista Arvore</i> , 2014, 38, 391-401.	0.5	12
50	Applying an integrated landscape characterization and evaluation tool to small islands (Pico, Azores,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	6
51	Developing a Planning and Management System for Protected Areas on Small Islands (The Azores) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2014, 14, 335-344.	0.2	9
52	Small Islands Conservation and Protected Areas. <i>Journal of Integrated Coastal Zone Management</i> , 2014, 14, 167-174.	0.2	12
53	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.	1.7	41
54	Invasive Alien Plants in the Azorean Protected Areas: Invasion Status and Mitigation Actions. , 2013, , 375-394.		10

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55	Linking GMES Space Component to the development of land policies in Outermost Regions—the Azores (Portugal) case-study. <i>European Journal of Remote Sensing</i> , 2012, 45, 263-281.	1.7	17
56	Remote sensing to map influence of light pollution on Cory's shearwater in São Miguel Island, Azores Archipelago. <i>European Journal of Wildlife Research</i> , 2012, 58, 147-155.	0.7	54
57	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.	1.4	45
58	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.	2.3	60
59	Mapping recreational ecosystem services from stakeholders' perspective in the Azores. <i>One Ecosystem</i> , 0, 6, .	0.0	2
60	Pollination services mapping and economic valuation from insect communities: a case study in the Azores (Terceira Island). <i>Nature Conservation</i> , 0, 18, 1-25.	0.0	19
61	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
62	Supporting the spatial management of invasive alien plants through assessment of landscape dynamics and connectivity. <i>Restoration Ecology</i> , 0, , e13592.	1.4	0
63	Assessing the effects of different land-use/land-cover input datasets on modelling and mapping terrestrial ecosystem services - Case study Terceira Island (Azores, Portugal). <i>One Ecosystem</i> , 0, 6, .	0.0	10