

# Albano Gonzalez

## List of Publications by Year in descending order

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32  
papers

345  
citations

759233

12  
h-index

839539

18  
g-index

32  
all docs

32  
docs citations

32  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change impact on future photovoltaic resource potential in an orographically complex archipelago, the Canary Islands. <i>Renewable Energy</i> , 2019, 133, 749-759.	8.9	48
2	High-Resolution Future Projections of Temperature and Precipitation in the Canary Islands. <i>Journal of Climate</i> , 2015, 28, 7846-7856.	3.2	34
3	Chemical and microphysical properties of marine stratiform cloud in the North Atlantic. <i>Journal of Geophysical Research</i> , 1998, 103, 22073-22085.	3.3	31
4	Evaluation of WRF Parameterizations for Dynamical Downscaling in the Canary Islands. <i>Journal of Climate</i> , 2014, 27, 5611-5631.	3.2	30
5	Future projections of wind resource in a mountainous archipelago, Canary Islands. <i>Renewable Energy</i> , 2017, 104, 120-128.	8.9	28
6	Verification of precipitable water vapour in high-resolution WRF simulations over a mountainous archipelago. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 2119-2133.	2.7	19
7	Remote Sensing of Water Cloud Parameters Using Neural Networks. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 52-63.	1.3	18
8	Projected impacts of climate change on tourism in the Canary Islands. <i>Regional Environmental Change</i> , 2022, 22, 1.	2.9	18
9	An object-oriented daytime land-fog-detection approach based on the mean-shift and full lambda-schedule algorithms using EOS/MODIS data. <i>International Journal of Remote Sensing</i> , 2011, 32, 4769-4785.	2.9	16
10	WRF multi-physics simulation of clouds in the African region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2737-2749.	2.7	16
11	Stratocumulus properties retrieval method from NOAA-AVHRR data based on the discretization of cloud parameters. <i>International Journal of Remote Sensing</i> , 2002, 23, 627-645.	2.9	14
12	Using a Mesoscale Meteorological Model to Reduce the Effect of Tropospheric Water Vapour from DInSAR Data: A Case Study for the Island of Tenerife, Canary Islands. <i>Pure and Applied Geophysics</i> , 2012, 169, 1425-1441.	1.9	13
13	Retrieval of Marine Stratus Cloud Droplet Size from NOAA's AVHRR Nighttime Imagery. <i>Remote Sensing of Environment</i> , 2000, 73, 31-45.	11.0	10
14	Remote sensing of cirrus cloud properties in the presence of lower clouds: An ATSR-2 case study during the Interhemispheric Differences in Cirrus Properties From Anthropogenic Emissions (INCA) experiment. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 8-1-AAC 8-15.	3.3	9
15	Watershed image segmentation and cloud classification from multispectral MSG's SEVIRI imagery. <i>Advances in Space Research</i> , 2012, 49, 135-142.	2.6	8
16	Method based on a radiative transfer model to extract the solar component from NOAA-AVHRR channel 3. <i>International Journal of Remote Sensing</i> , 1999, 20, 699-710.	2.9	5
17	Long-Term Trends in Marine Boundary Layer Properties over the Atlantic Ocean. <i>Journal of Climate</i> , 2019, 32, 2991-3004.	3.2	5
18	Nighttime cloud properties retrieval using MODIS and artificial neural networks. <i>Advances in Space Research</i> , 2009, 43, 852-858.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Remote sensing of water cloud properties from MSG/SEVIRI nighttime imagery. Remote Sensing of Environment, 2011, 115, 738-746.	11.0	4
20	Forecasting precipitable water vapour at the Roque de los Muchachos Observatory. Proceedings of SPIE, 2010, , .	0.8	4
21	Climate projections at a convection-permitting scale of extreme temperature indices for an archipelago with a complex microclimate structure. Weather and Climate Extremes, 2022, 36, 100459.	4.1	3
22	Removing the thermal component of the NOAA-AVHRR Channel 3 in cloudy conditions. , 1998, , .		2
23	Cloud climatology in the Canary Islands region using NOAA-AVHRR data. Proceedings of SPIE, 2007, , .	0.8	2
24	<title>Stratocumulus parameter retrieval using MODIS nighttime imagery: a theoretical approach</title>. , 2001, , .		1
25	Neural Network based Retrieval of Cirrus Properties. , 2006, , .		1
26	Characterization of the distribution of water vapour for DInSAR studies on the volcanic island of Tenerife, Canary Islands. , 2009, , .		1
27	Multilayer cirrus cloud property retrieval using dual-view ATSR-2 instrument. , 2003, , .		1
28	Discretization of effective droplet radius in order to extract stratocumulus cloud parameters from NOAA-AVHRR channel 3. , 1998, , .		0
29	Method to estimate the emissivity from NOAA-AVHRR channel 3 in order to extract a distribution of effective droplet radius of stratocumulus clouds. , 1998, 3495, 38.		0
30	Cloud properties retrieval using neural networks. , 2004, 5571, 11.		0
31	Nonparametric segmentation of clouds from multispectral MSG-SEVIRI imagery. Proceedings of SPIE, 2009, , .	0.8	0
32	Comparison of CMIP5 cloud cover simulation with remote sensing data for African cordex domain. , 2012, , .		0