

Antonio Di Noia

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4814296/antonio-di-noia-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

481

citations

11

h-index

21

g-index

45

ext. papers

646

ext. citations

4.4

avg, IF

3.28

L-index

#	Paper	IF	Citations
26	Mapping atmospheric aerosols with a citizen science network of smartphone spectropolarimeters. <i>Geophysical Research Letters</i> , 2014 , 41, 7351-7358	4.9	96
25	Space-based remote sensing of atmospheric aerosols: The multi-angle spectro-polarimetric frontier. <i>Earth-Science Reviews</i> , 2015 , 145, 85-116	10.2	62
24	Aerosol measurements by SPEXone on the NASA PACE mission: expected retrieval capabilities. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019 , 227, 170-184	2.1	57
23	Use of neural networks in ground-based aerosol retrievals from multi-angle spectropolarimetric observations. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 281-299	4	37
22	Atmospheric aerosol characterization with a ground-based SPEX spectropolarimetric instrument. <i>Atmospheric Measurement Techniques</i> , 2014 , 7, 4341-4351	4	34
21	Combined neural network/Phillips-Mikhonov approach to aerosol retrievals over land from the NASA Research Scanning Polarimeter. <i>Atmospheric Measurement Techniques</i> , 2017 , 10, 4235-4252	4	23
20	A decade of GOSAT Proxy satellite CH ₄ observations. <i>Earth System Science Data</i> , 2020 , 12, 3383-3412	10.5	18
19	Aerosol retrievals from different polarimeters during the ACEPOL campaign using a common retrieval algorithm. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 553-573	4	17
18	SPEX airborne spectropolarimeter calibration and performance. <i>Applied Optics</i> , 2019 , 58, 5695-5719	1.7	16
17	On the role of visible radiation in ozone profile retrieval from nadir UV/VIS satellite measurements: An experiment with neural network algorithms inverting SCIAMACHY data. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012 , 113, 1429-1436	2.1	15
16	Ensemble-based satellite-derived carbon dioxide and methane column-averaged dry-air mole fraction data sets (2003-2018) for carbon and climate applications. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 789-819	4	11
15	Global tropospheric ozone column retrievals from OMI data by means of neural networks. <i>Atmospheric Measurement Techniques</i> , 2013 , 6, 895-915	4	11
14	Can a regional-scale reduction of atmospheric CO ₂ during the COVID-19 pandemic be detected from space? A case study for East China using satellite XCO ₂ retrievals. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 2141-2166	4	11
13	Use of A Neural Network-Based Ocean Body Radiative Transfer Model for Aerosol Retrievals from Multi-Angle Polarimetric Measurements. <i>Remote Sensing</i> , 2019 , 11, 2877	5	10
12	Retrieval of liquid water cloud properties from POLDER-3 measurements using a neural network ensemble approach. <i>Atmospheric Measurement Techniques</i> , 2019 , 12, 1697-1716	4	7
11	Neural Networks and Support Vector Machines and Their Application to Aerosol and Cloud Remote Sensing: A Review. <i>Springer Series in Light Scattering</i> , 2018 , 279-329	1.3	7
10	Accurate spectrally modulating polarimeters for atmospheric aerosol characterization 2015 ,		6

9	The Aerosol Characterization from Polarimeter and Lidar (ACEPOL) airborne field campaign. <i>Earth System Science Data</i> , 2020 , 12, 2183-2208	10.5	6
8	Atmospheric aerosol characterization with a ground-based SPEX spectropolarimetric instrument		5
7	A Decade of GOSAT Proxy Satellite CH ₄ Observations		5
6	Toward High Precision XCO Retrievals From TanSat Observations: Retrieval Improvement and Validation Against TCCON Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032794	4.4	5
5	Tropospheric ozone column retrieval from OMI data by means of neural networks: a validation exercise with ozone soundings over Europe. <i>Eurasip Journal on Advances in Signal Processing</i> , 2013 , 2013,	1.9	3
4	Use of neural networks in ground-based aerosol retrievals from multi-angle spectropolarimetric observations 2014 ,		3
3	In-flight validation of SPEX airborne spectro-polarimeter onboard NASA's research aircraft ER-2 2019 ,		2
2	XCO ₂ retrieval for GOSAT and GOSAT-2 based on the FOCAL algorithm. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 3837-3869	4	2
1	Monitoring Greenhouse Gases from Space. <i>Remote Sensing</i> , 2021 , 13, 2700	5	1