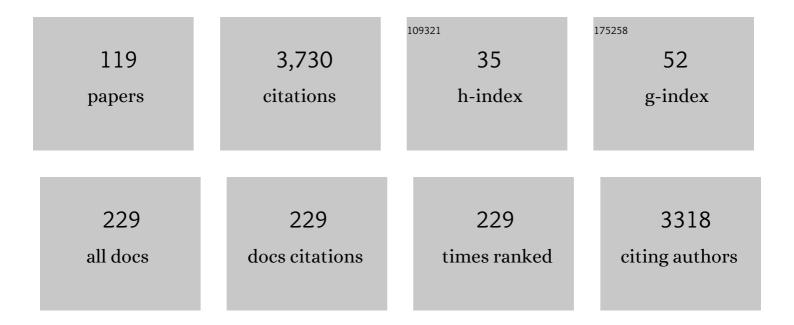
## Diego G Loyola

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Hyperspectral Satellite Remote Sensing of Aerosol Parameters: Sensitivity Analysis and Application to TROPOMI/S5P. Frontiers in Environmental Science, 2022, 9, .   | 3.3 | 4         |
| 2  | Evaluating the assimilation of S5P/TROPOMI near real-time SO <sub>2</sub><br>columns and layer height data into the CAMS integrated forecasting system (CY47R1), based on a case<br>study of the 2019 Raikoke eruption. Geoscientific Model Development, 2022, 15, 971-994. | 3.6 | 9         |
| 3  | TROPOspheric Monitoring Instrument observations of total column water vapour: Algorithm and validation. Science of the Total Environment, 2022, 821, 153232.  | 8.0 | 7         |
| 4  | Volcanic SO <sub>2</sub> layer height by TROPOMI/S5P: evaluation against<br>IASI/MetOp and CALIOP/CALIPSO observations. Atmospheric Chemistry and Physics, 2022, 22, 5665-5683.   | 4.9 | 5         |
| 5  | Global total ozone recovery trends attributed to ozone-depleting substance (ODS) changes derived from five merged ozone datasets. Atmospheric Chemistry and Physics, 2022, 22, 6843-6859.   | 4.9 | 29        |
| 6  | Global, regional and seasonal analysis of total ozone trends derived from the 1995–2020 GTO-ECV climate data record. Atmospheric Chemistry and Physics, 2022, 22, 6861-6878.  | 4.9 | 9         |
| 7  | Three-Dimensional Distribution of Biomass Burning Aerosols from Australian Wildfires Observed by TROPOMI Satellite Observations. Remote Sensing, 2022, 14, 2582.  | 4.0 | 1         |
| 8  | Quantification of lightning-produced<br>NO <sub><i>x</i></sub> over the Pyrenees and<br>the Ebro Valley by using different TROPOMI-NO <sub>2</sub> and cloud<br>research products. Atmospheric Measurement Techniques, 2022, 15, 3329-3351.                                 | 3.1 | 6         |
| 9  | Evaluation of Water Vapor Product from TROPOMI and GOME-2 Satellites against Ground-Based GNSS<br>Data over Europe. Atmosphere, 2022, 13, 1079.   | 2.3 | 1         |
| 10 | Record low ozone values over the Arctic in boreal spring 2020. Atmospheric Chemistry and Physics, 2021, 21, 617-633.  | 4.9 | 34        |
| 11 | Validation of the Sentinel-5 Precursor TROPOMI cloud data with Cloudnet, Aura OMI<br>O <sub>2</sub> –O <sub>2</sub> , MODIS, and<br>Suomi-NPP VIIRS. Atmospheric Measurement Techniques, 2021, 14, 2451-2476.   | 3.1 | 25        |
| 12 | A method for random uncertainties validation and probing the natural variability with application to<br>TROPOMI on board Sentinel-5P total ozone measurements. Atmospheric Measurement Techniques, 2021,<br>14, 2993-3002.  | 3.1 | 7         |
| 13 | Volcanic SO <sub>2</sub> effective layer height retrieval for the Ozone<br>Monitoring Instrument (OMI) using a machine-learning approach. Atmospheric Measurement<br>Techniques, 2021, 14, 3673-3691.   | 3.1 | 5         |
| 14 | Optimization of Aerosol Model Selection for TROPOMI/S5P. Remote Sensing, 2021, 13, 2489.  | 4.0 | 2         |
| 15 | Global Climate. Bulletin of the American Meteorological Society, 2021, 102, S11-S142.   | 3.3 | 36        |
| 16 | Nitrogen dioxide decline and rebound observed by GOME-2 and TROPOMI during COVID-19 pandemic. Air<br>Quality, Atmosphere and Health, 2021, 14, 1737-1755.   | 3.3 | 10        |
| 17 | Comparative assessment of TROPOMI and OMI formaldehyde observations and validation against<br>MAX-DOAS network column measurements. Atmospheric Chemistry and Physics, 2021, 21, 12561-12593.   | 4.9 | 57        |
| 18 | Global Monitoring of Volcanic SO2 Degassing Using Sentinel-5 Precursor Tropomi. , 2021, , .   |     | 2         |

Global Monitoring of Volcanic SO2 Degassing Using Sentinel-5 Precursor Tropomi. , 2021, , . 

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| 19 | Inconsistencies in sulfur dioxide emissions from the Canadian oil sands and potential implications.<br>Environmental Research Letters, 2021, 16, 014012.  | 5.2 | 11        |
| 20 | An improved TROPOMI tropospheric NO <sub>2</sub> research product<br>over Europe. Atmospheric Measurement Techniques, 2021, 14, 7297-7327.  | 3.1 | 16        |
| 21 | A sulfur dioxide Covariance-Based Retrieval Algorithm (COBRA): application to TROPOMI reveals new emission sources. Atmospheric Chemistry and Physics, 2021, 21, 16727-16744.   | 4.9 | 19        |
| 22 | TROPOMI tropospheric ozone column data: geophysical assessment and comparison to ozonesondes, GOME-2B and OMI. Atmospheric Measurement Techniques, 2021, 14, 7405-7433.   | 3.1 | 14        |
| 23 | An Overview of Neural Network Methods for Predicting Uncertainty in Atmospheric Remote Sensing.<br>Remote Sensing, 2021, 13, 5061.  | 4.0 | 2         |
| 24 | Glyoxal tropospheric column retrievals from TROPOMI – multi-satellite intercomparison and ground-based validation. Atmospheric Measurement Techniques, 2021, 14, 7775-7807.   | 3.1 | 7         |
| 25 | Model Selection in Atmospheric Remote Sensing with Application to Aerosol Retrieval from DSCOVR/EPIC. Part 2: Numerical Analysis. Remote Sensing, 2020, 12, 3656.   | 4.0 | 5         |
| 26 | Model Selection in Atmospheric Remote Sensing with an Application to Aerosol Retrieval from DSCOVR/EPIC, Part 1: Theory. Remote Sensing, 2020, 12, 3724.  | 4.0 | 7         |
| 27 | Comparison of GTO-ECV and adjusted MERRA-2 total ozone columns from the last 2 decades and assessment of interannual variability. Atmospheric Measurement Techniques, 2020, 13, 1633-1654.                            | 3.1 | 5         |
| 28 | Applying FP_ILM to the retrieval of geometry-dependent effective Lambertian equivalent reflectivity<br>(GE_LER) daily maps from UVN satellite measurements. Atmospheric Measurement Techniques, 2020, 13,<br>985-999. | 3.1 | 34        |
| 29 | Anthropogenic and volcanic point source SO <sub>2</sub> emissions<br>derived from TROPOMI on board Sentinel-5 Precursor: first results. Atmospheric Chemistry and<br>Physics, 2020, 20, 5591-5607.                    | 4.9 | 39        |
| 30 | Satellite-based estimation of surface NO2 concentrations over east-central China: A comparison of POMINO and OMNO2d data. Atmospheric Environment, 2020, 224, 117322.   | 4.1 | 37        |
| 31 | Spatially and temporally coherent reconstruction of tropospheric NO <sub>2</sub> over China combining OMI and GOME-2B measurements. Environmental Research Letters, 2020, 15, 125011.                                 | 5.2 | 23        |
| 32 | Global Climate. Bulletin of the American Meteorological Society, 2020, 101, S9-S128.  | 3.3 | 61        |
| 33 | TROPOMI–Sentinel-5 Precursor formaldehyde validation using an extensive network of ground-based<br>Fourier-transform infrared stations. Atmospheric Measurement Techniques, 2020, 13, 3751-3767.                      | 3.1 | 66        |
| 34 | Total column water vapor retrieval for Global Ozone Monitoring Experience-2 (GOME-2) visible blue observations. Atmospheric Measurement Techniques, 2020, 13, 4169-4193.  | 3.1 | 18        |
| 35 | TROPOMI aerosol products: evaluation and observations of synoptic-scale carbonaceous aerosol plumes during 2018–2020. Atmospheric Measurement Techniques, 2020, 13, 6789-6806.  | 3.1 | 36        |
| 36 | Improvement of EPIC/DSCOVR Image Registration by Means of Automatic Coastline Detection. Remote Sensing, 2019, 11, 1747.  | 4.0 | 3         |

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| 37 | TROPOMI/S5P total ozone column data: global ground-based validation and consistency with other satellite missions. Atmospheric Measurement Techniques, 2019, 12, 5263-5287.  | 3.1  | 77        |
| 38 | The use of QBO, ENSO, and NAO perturbations in the evaluation of GOME-2 MetOp A total ozone measurements. Atmospheric Measurement Techniques, 2019, 12, 987-1011.  | 3.1  | 2         |
| 39 | Monitoring and assimilation tests with TROPOMI data in the CAMS system: near-real-time total column ozone. Atmospheric Chemistry and Physics, 2019, 19, 3939-3962.   | 4.9  | 20        |
| 40 | Global monitoring of volcanic SO2 degassing with unprecedented resolution from TROPOMI onboard Sentinel-5 Precursor. Scientific Reports, 2019, 9, 2643.  | 3.3  | 126       |
| 41 | Sulfur dioxide layer height retrieval from Sentinel-5 Precursor/TROPOMI using FP_ILM. Atmospheric Measurement Techniques, 2019, 12, 5503-5517.   | 3.1  | 58        |
| 42 | Fast Stochastic Radiative Transfer Models for Trace Gas and Cloud Property Retrievals Under Cloudy<br>Conditions. Springer Series in Light Scattering, 2018, , 231-277.  | 0.6  | 7         |
| 43 | Total ozone trends from 1979 to 2016 derived from five merged observational datasets – the emergence into ozone recovery. Atmospheric Chemistry and Physics, 2018, 18, 2097-2117.                                      | 4.9  | 118       |
| 44 | Inter-comparison of integrated water vapor from satellite instruments using reference GPS data at<br>the Iberian Peninsula. Remote Sensing of Environment, 2018, 204, 729-740.   | 11.0 | 45        |
| 45 | Aerosol Retrievals from DSCOVR Measurements. , 2018, , .   |      | 1         |
| 46 | Validation of Atmospheric Water Vapor from Several Satellite Instruments Using GPS Measurements<br>at Spanish Stations Under Cloud-Free Conditions. , 2018, , .  |      | 0         |
| 47 | Validation of the IASI FORLI/EUMETSAT ozone products using satellite (GOME-2), ground-based<br>(Brewer–Dobson, SAOZ, FTIR) and ozonesonde measurements. Atmospheric Measurement Techniques,<br>2018, 11, 5125-5152.    | 3.1  | 47        |
| 48 | The Global Ozone Monitoring Experiment: review of in-flight performance and new reprocessed<br>1995–2011 level 1 product. Atmospheric Measurement Techniques, 2018, 11, 5237-5259.                                     | 3.1  | 1         |
| 49 | Algorithm theoretical baseline for formaldehyde retrievals from S5P TROPOMI and from the QA4ECV project. Atmospheric Measurement Techniques, 2018, 11, 2395-2426.  | 3.1  | 127       |
| 50 | On the Cause of Recent Variations in Lower Stratospheric Ozone. Geophysical Research Letters, 2018, 45, 5718-5726.   | 4.0  | 87        |
| 51 | Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) – Part 1:<br>Ground-based validation of total ozone column data products. Atmospheric Measurement<br>Techniques, 2018, 11, 1385-1402. | 3.1  | 26        |
| 52 | The operational cloud retrieval algorithms from TROPOMI on board Sentinel-5 Precursor.<br>Atmospheric Measurement Techniques, 2018, 11, 409-427.   | 3.1  | 87        |
| 53 | Linearized radiative transfer models for retrieval of cloud parameters from EPIC/DSCOVR measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 213, 241-251.                                 | 2.3  | 9         |
| 54 | Radiative transfer models for retrieval of cloud parameters from EPIC/DSCOVR measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 213, 228-240.  | 2.3  | 18        |

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| 55 | The GEWEX Water Vapor Assessment archive of water vapour products from satellite observations and reanalyses. Earth System Science Data, 2018, 10, 1093-1117.                                    | 9.9 | 42        |
| 56 | The ESA GOME-Evolution "Climate―water vapor product: a homogenized time series of<br>H <sub>2</sub> O columns from GOME, SCIAMACHY, and GOME-2. Earth<br>System Science Data, 2018, 10, 449-468. | 9.9 | 16        |
| 57 | Volcanic SO <sub>2</sub> plume height retrieval from UV sensors using a full-physics inverse learning machine algorithm. International Journal of Remote Sensing, 2017, 38, 1-27.                | 2.9 | 68        |
| 58 | Sulfur dioxide retrievals from TROPOMI onboard Sentinel-5 Precursor: algorithm theoretical basis.<br>Atmospheric Measurement Techniques, 2017, 10, 119-153.                                      | 3.1 | 130       |
| 59 | OCRA radiometric cloud fractions for GOME-2 on MetOp-A/B. Atmospheric Measurement Techniques, 2016, 9, 2357-2379.  | 3.1 | 21        |
| 60 | Overview of the O3M SAF GOME-2 operational atmospheric composition and UV radiation data products and data availability. Atmospheric Measurement Techniques, 2016, 9, 383-407.                   | 3.1 | 44        |
| 61 | Seven years of IASI ozone retrievals from FORLI: validation with independent total column and vertical profile measurements. Atmospheric Measurement Techniques, 2016, 9, 4327-4353.             | 3.1 | 50        |
| 62 | Trends of tropical tropospheric ozone from 20 years of European satellite measurements and perspectives for the Sentinel-5 Precursor. Atmospheric Measurement Techniques, 2016, 9, 5037-5051.    | 3.1 | 38        |
| 63 | Smart sampling and incremental function learning for very large high dimensional data. Neural<br>Networks, 2016, 78, 75-87.  | 5.9 | 60        |
| 64 | A stochastic cloud model for cloud and ozone retrievals from UV measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 184, 167-179.                                   | 2.3 | 12        |
| 65 | Monitoring ozone in different spectral regimes from space and balloon (Sentinel-4/-5P, TELIS). , 2016, , .   |     | 2         |
| 66 | Evaluating a new homogeneous total ozone climate data record from GOME/ERSâ€2, SCIAMACHY/Envisat,<br>and GOMEâ€2/MetOpâ€A. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12,296.    | 3.3 | 29        |
| 67 | The GOME-type Total Ozone Essential Climate Variable (GTO-ECV) data record from the ESA Climate Change Initiative. Atmospheric Measurement Techniques, 2015, 8, 3923-3940.                       | 3.1 | 23        |
| 68 | Validation of GOME-2/MetOp-A total water vapour column using reference radiosonde data from the GRUAN network. Atmospheric Measurement Techniques, 2015, 8, 1135-1145.                           | 3.1 | 19        |
| 69 | Total column water vapour measurements from GOME-2 MetOp-A and MetOp-B. Atmospheric Measurement Techniques, 2015, 8, 1111-1133.  | 3.1 | 43        |
| 70 | State of the Climate in 2014. Bulletin of the American Meteorological Society, 2015, 96, ES1-ES32.   | 3.3 | 78        |
| 71 | Comparison of total water vapor column from GOME-2 on MetOp-A against ground-based GPS measurements at the Iberian Peninsula. Science of the Total Environment, 2015, 533, 317-328.              | 8.0 | 23        |
| 72 | Tropical tropospheric ozone column retrieval for GOME-2. Atmospheric Measurement Techniques, 2014, 7, 2513-2530.   | 3.1 | 25        |

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|----|--|-----|-----------|
| 73 | Homogenized total ozone data records from the European sensors GOME/ERSâ€2, SCIAMACHY/Envisat,<br>and GOMEâ€2/MetOpâ€A. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1639-1662.  | 3.3 | 63        |
| 74 | Comparison of profile total ozone from SBUV (v8.6) with GOME-type and ground-based total ozone<br>for a 16-year period (1996 to 2011). Atmospheric Measurement Techniques, 2014, 7, 1681-1692.   | 3.1 | 17        |
| 75 | GOME-2 total ozone columns from MetOp-A/MetOp-B and assimilation in the MACC system.<br>Atmospheric Measurement Techniques, 2014, 7, 2937-2951.  | 3.1 | 41        |
| 76 | Discrete ordinate method with matrix exponential for stochastic radiative transfer in broken clouds.<br>Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 138, 1-16.  | 2.3 | 12        |
| 77 | Acceleration of radiative transfer model calculations for the retrieval of trace gases under cloudy conditions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 135, 58-65.   | 2.3 | 8         |
| 78 | Optical property dimensionality reduction techniques for accelerated radiative transfer performance: Application to remote sensing total ozone retrievals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 133, 128-135.    | 2.3 | 31        |
| 79 | Multi-core-CPU and GPU-accelerated radiative transfer models based on the discrete ordinate method.<br>Computer Physics Communications, 2014, 185, 3079-3089.  | 7.5 | 59        |
| 80 | A new health check of the ozone layer at global and regional scales. Geophysical Research Letters, 2014, 41, 4363-4372.  | 4.0 | 18        |
| 81 | Tropospheric ozone and nitrogen dioxide measurements in urban and rural regions as seen by IASI and<br>GOMEâ€2. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,555.   | 3.3 | 41        |
| 82 | Small-angle modification of the radiative transfer equation for a pseudo-spherical atmosphere.<br>Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 114, 82-90.   | 2.3 | 7         |
| 83 | Acceleration techniques for the discrete ordinate method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 114, 73-81.   | 2.3 | 27        |
| 84 | Linearization of the Principal Component Analysis method for radiative transfer acceleration:<br>Application to retrieval algorithms and sensitivity studies. Journal of Quantitative Spectroscopy and<br>Radiative Transfer, 2013, 125, 1-17. | 2.3 | 22        |
| 85 | Geophysical validation and long-term consistency between GOME-2/MetOp-A total ozone column and measurements from the sensors GOME/ERS-2, SCIAMACHY/ENVISAT and OMI/Aura. Atmospheric Measurement Techniques, 2012, 5, 2169-2181.               | 3.1 | 45        |
| 86 | Sixteen years of GOME/ERSâ€2 total ozone data: The new directâ€fitting GOME Data Processor (GDP)<br>version 5—Algorithm description. Journal of Geophysical Research, 2012, 117, .   | 3.3 | 47        |
| 87 | Multi-sensor data merging with stacked neural networks for the creation of satellite long-term climate data records. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .   | 1.7 | 20        |
| 88 | Volcanic SO <sub>2</sub> , BrO and plume height estimations using GOMEâ€2 satellite measurements<br>during the eruption of Eyjafjallajökull in May 2010. Journal of Geophysical Research, 2012, 117, .   | 3.3 | 85        |
| 89 | Influence of cloud properties on satellite total ozone observations. Journal of Geophysical Research, 2011, 116, .   | 3.3 | 24        |
| 90 | Long-term trends of total ozone column over the Iberian Peninsula for the period 1979–2008.<br>Atmospheric Environment, 2011, 45, 6283-6290.   | 4.1 | 12        |

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| 91  | Validation of the MetOp-A total ozone data from GOME-2 and IASI using reference ground-based measurements at the Iberian Peninsula. Remote Sensing of Environment, 2011, 115, 1380-1386.                    | 11.0 | 42        |
| 92  | Space-based measurements of air quality during the World Expo 2010 in Shanghai. Environmental<br>Research Letters, 2011, 6, 044004.   | 5.2  | 58        |
| 93  | Operational total and tropospheric NO <sub>2</sub> column retrieval for<br>GOME-2. Atmospheric Measurement Techniques, 2011, 4, 1491-1514.  | 3.1  | 114       |
| 94  | Constrained regularization methods for ozone profile retrieval from UV/VIS nadir spectrometers.<br>Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 907-916.                         | 2.3  | 1         |
| 95  | Influence of turbidity and clouds on satellite total ozone data over Madrid (Spain). Annales<br>Geophysicae, 2010, 28, 1441-1448.   | 1.6  | 1         |
| 96  | The GODFIT algorithm: a direct fitting approach to improve the accuracy of total ozone measurements from GOME. International Journal of Remote Sensing, 2010, 31, 543-550.                                  | 2.9  | 34        |
| 97  | Comparison of GOME-2/MetOp total ozone data with Brewer spectroradiometer data over the Iberian<br>Peninsula. Annales Geophysicae, 2009, 27, 1377-1386.   | 1.6  | 41        |
| 98  | Satellite Monitoring of Volcanic Sulfur Dioxide Emissions for Early Warning of Volcanic Hazards.<br>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 196-206.     | 4.9  | 67        |
| 99  | Introduction to the Issue on Fostering Applications of Earth Observations of the Atmosphere. IEEE<br>Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 142-143.         | 4.9  | 0         |
| 100 | The Geospatial Service Infrastructure for DLR's National Remote Sensing Data Library. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 260-269.                   | 4.9  | 14        |
| 101 | Introduction to the Issue on Fostering Applications of Earth Observations of the Atmosphere—Part II.<br>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 270-270. | 4.9  | 0         |
| 102 | Spectral surface albedo derived from GOME-2/Metop measurements. Proceedings of SPIE, 2009, , .  | 0.8  | 1         |
| 103 | Operational Monitoring of the Antarctic Ozone Hole: Transition from GOME and SCIAMACHY to GOME-2. , 2009, , 213-236.  |      | 0         |
| 104 | Long-term analysis of GOME in-flight calibration parameters and instrument degradation. Applied Optics, 2008, 47, 4749.   | 2.1  | 10        |
| 105 | Climatology databases using neural networks: Application to global temperature profiles. , 2008, , .  |      | 0         |
| 106 | Comparison of GOME total ozone data with ground data from the Spanish Brewer spectroradiometers. Annales Geophysicae, 2008, 26, 401-412.  | 1.6  | 20        |
| 107 | Ten years of GOME/ERS2 total ozone data—The new GOME data processor (GDP) version 4: 2.<br>Ground-based validation and comparisons with TOMS V7/V8. Journal of Geophysical Research, 2007, 112,             | 3.3  | 61        |
| 108 | Ten years of GOME/ERS-2 total ozone data—The new GOME data processor (GDP) version 4: 1.<br>Algorithm description. Journal of Geophysical Research, 2006, 111, .  | 3.3  | 121       |

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| 109 | Applications of neural network methods to the processing of earth observation satellite data. Neural Networks, 2006, 19, 168-177.  | 5.9  | 36        |
| 110 | Intercomparison of cloud top altitudes as derived using GOME and ATSR-2 instruments onboard ERS-2.<br>Remote Sensing of Environment, 2006, 102, 186-193.   | 11.0 | 18        |
| 111 | GOME level 1-to-2 data processor version 30: a major upgrade of the GOME/ERS-2 total ozone retrieval algorithm. Applied Optics, 2005, 44, 7196.  | 2.1  | 18        |
| 112 | Ozone profile retrieval from Global Ozone Monitoring Experiment (GOME) data using a neural<br>network approach (Neural Network Ozone Retrieval System (NNORSY)). Journal of Geophysical<br>Research, 2003, 108, .  | 3.3  | 57        |
| 113 | Comparison of total ozone from the satellite instruments GOME and TOMS with measurements from the Dobson network 1996–2000. Atmospheric Chemistry and Physics, 2003, 3, 1409-1419.   | 4.9  | 59        |
| 114 | A new cloud recognition algorithm for optical sensors. , 1998, , .   |      | 16        |
| 115 | <title>GOME data processor: the first operational DOAS-based algorithm applied to data from a spaceborne sensor</title> . , 1997, , .  |      | 0         |
| 116 | <title>Ground segment for ERS-2 GOME sensor at the German D-PAF</title> . , 1996, , .  |      | 0         |
| 117 | Satellite-based detection of volcanic sulphur dioxide from recent eruptions in Central and South America. Advances in Geosciences, 0, 14, 35-40.   | 12.0 | 31        |
| 118 | The 1997 El Niño impact on clouds, water vapour, aerosols and reactive trace gases in the troposphere,<br>as measured by the Global Ozone Monitoring Experiment. Advances in Geosciences, 0, 6, 267-272.   | 12.0 | 6         |
| 119 | FULL-PHYSICS INVERSE LEARNING MACHINE FOR SATELLITE REMOTE SENSING OF OZONE PROFILE SHAPES<br>AND TROPOSPHERIC COLUMNS. International Archives of the Photogrammetry, Remote Sensing and<br>Spatial Information Sciences - ISPRS Archives, 0, XLII-3, 1995-1998. | 0.2  | 0         |