

Raid M Suleiman

List of Publications by Year in descending order

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32
papers

2,266
citations

567281

15
h-index

642732

23
g-index

33
all docs

33
docs citations

33
times ranked

2243
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of the Stratospheric and Tropospheric Bromine Burden Over Fairbanks, Alaska Based on Column Retrievals of Bromine Monoxide. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032896. | 3.3 | 1 |
| 2 | OMI total bromine monoxide (OMBRO) data product: algorithm, retrieval and measurement comparisons. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2067-2084. | 3.1 | 6 |
| 3 | Five decades observing Earth's atmospheric trace gases using ultraviolet and visible backscatter solar radiation from space. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 238, 106478. | 2.3 | 26 |
| 4 | Link Between Arctic Tropospheric BrO Explosion Observed From Space and Sea Salt Aerosols From Blowing Snow Investigated Using Ozone Monitoring Instrument BrO Data and GEOS Data Assimilation System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6954-6983. | 3.3 | 23 |
| 5 | The Arab Astronomical Society (ArAS): Developing Astrophysics Research in the Arab World. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 256-259. | 0.0 | 0 |
| 6 | FM14 Session 3: The IAU National Outreach Coordinators (NOCs) Network – Coordinating and Catalyzing Astronomy Outreach Worldwide. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 542-543. | 0.0 | 0 |
| 7 | The Ozone Monitoring Instrument: overview of 14 years in space. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5699-5745. | 4.9 | 259 |
| 8 | A Geostationary air quality monitor for the Middle East. <i>Journal of Physics: Conference Series</i> , 2017, 869, 012085. | 0.4 | 0 |
| 9 | Tropospheric emissions: Monitoring of pollution (TEMPO). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 186, 17-39. | 2.3 | 239 |
| 10 | Modeling the observed tropospheric BrO background: Importance of multiphase chemistry and implications for ozone, OH, and mercury. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,819. | 3.3 | 106 |
| 11 | Updated Smithsonian Astrophysical Observatory Ozone Monitoring Instrument (SAO OMI) formaldehyde retrieval. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 19-32. | 3.1 | 142 |
| 12 | Tropospheric emissions: monitoring of pollution (TEMPO). <i>Proceedings of SPIE</i> , 2013, , . | 0.8 | 57 |
| 13 | UVCS/SOHO catalog of coronal mass ejections from 1996 to 2005: Spectroscopic properties. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 967-981. | 2.4 | 24 |
| 14 | Characterization of soluble bromide measurements and a case study of BrO observations during ARCTAS. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1327-1338. | 4.9 | 27 |
| 15 | Characterization and correction of Global Ozone Monitoring Experiment 2 ultraviolet measurements and application to ozone profile retrievals. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 55 |
| 16 | TRANSITION REGION EMISSION FROM SOLAR FLARES DURING THE IMPULSIVE PHASE. <i>Astrophysical Journal</i> , 2011, 735, 70. | 4.5 | 9 |
| 17 | UVCS Observations of a Helical CME Structure. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 71-75. | 0.0 | 3 |
| 18 | High-energy measurements of the 1991 november 15 solar flare. <i>COSPAR Colloquia Series</i> , 2002, 13, 397-400. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. <i>Astronomy and Astrophysics</i> , 2002, 383, 1032-1048. | 5.1 | 4 |
| 20 | Empirical Densities, Kinetic Temperatures, and Outflow Velocities in the Equatorial Streamer Belt at Solar Minimum. <i>Astrophysical Journal</i> , 2002, 571, 1008-1014. | 4.5 | 129 |
| 21 | UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. <i>Astronomy and Astrophysics</i> , 2002, 395, 975-975. | 5.1 | 1 |
| 22 | EUV Spectral Line Profiles in Polar Coronal Holes from 1.3 to 3.0 [ITAL]R[/ITAL][TINF]âŠ™[/TINF]. <i>Astrophysical Journal</i> , 1999, 510, L59-L62. | 4.5 | 111 |
| 23 | An Empirical Model of a Polar Coronal Hole at Solar Minimum. <i>Astrophysical Journal</i> , 1999, 511, 481-501. | 4.5 | 302 |
| 24 | Title is missing!. <i>Space Science Reviews</i> , 1999, 87, 327-330. | 8.1 | 11 |
| 25 | <title>Flat field of UVCS detectors for early part of SOHO mission</title>. , 1999, , . | | 2 |
| 26 | UVCS/SOHO Observations of H I Lyman Alpha Line Profiles in Coronal Holes at Heliocentric Heights above 3.0 Râ‰%. , 1999, , 327-330. | | 1 |
| 27 | Elemental Abundances in Coronal Structures. <i>Space Science Reviews</i> , 1998, 85, 283-289. | 8.1 | 13 |
| 28 | UVCS/[ITAL]SOHO[/ITAL] Empirical Determinations of Anisotropic Velocity Distributions in the Solar Corona. <i>Astrophysical Journal</i> , 1998, 501, L127-L131. | 4.5 | 396 |
| 29 | Composition of Coronal Streamers from the SOHO Ultraviolet Coronagraph Spectrometer. <i>Solar Physics</i> , 1997, 175, 645-665. | 2.5 | 248 |
| 30 | Composition of Coronal Streamers from the SOHO Ultraviolet Coronagraph Spectrometer. , 1997, , 645-665. | | 23 |
| 31 | <title>Stray light, radiometric, and spectral characterization of UVCS/SOHO: laboratory calibration and flight performance</title>. , 1996, , . | | 45 |
| 32 | COMPTEL observations of gamma-ray flares in October 1991. <i>AIP Conference Proceedings</i> , 1994, , . | 0.4 | 0 |