

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	UVCS/SOHO Empirical Determinations of Anisotropic Velocity Distributions in the Solar Corona. <i>Astrophysical Journal</i> , 1998, 501, L127-L131.	4.5	396
2	An Empirical Model of a Polar Coronal Hole at Solar Minimum. <i>Astrophysical Journal</i> , 1999, 511, 481-501.	4.5	302
3	The Ozone Monitoring Instrument: overview of 14 years in space. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5699-5745.	4.9	259
4	Composition of Coronal Streamers from the SOHO Ultraviolet Coronagraph Spectrometer. <i>Solar Physics</i> , 1997, 175, 645-665.	2.5	248
5	Tropospheric emissions: Monitoring of pollution (TEMPO). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 186, 17-39.	2.3	239
6	Updated Smithsonian Astrophysical Observatory Ozone Monitoring Instrument (SAO OMI) formaldehyde retrieval. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 19-32.	3.1	142
7	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
8	EUV Spectral Line Profiles in Polar Coronal Holes from 1.3 to 3.0 Å. <i>Astrophysical Journal</i> , 1999, 510, L59-L62.	4.5	111
9	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
10	Tropospheric emissions: monitoring of pollution (TEMPO). <i>Proceedings of SPIE</i> , 2013, , .	0.8	57
11	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
12	Stray light, radiometric, and spectral characterization of UVCS/SOHO: laboratory calibration and flight performance. , 1996, , .		45
13	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
14	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
15	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
16	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
17	Composition of Coronal Streamers from the SOHO Ultraviolet Coronagraph Spectrometer. , 1997, , 645-665.		23
18	Elemental Abundances in Coronal Structures. <i>Space Science Reviews</i> , 1998, 85, 283-289.	8.1	13

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Space Science Reviews, 1999, 87, 327-330.	8.1	11
20	TRANSITION REGION EMISSION FROM SOLAR FLARES DURING THE IMPULSIVE PHASE. Astrophysical Journal, 2011, 735, 70.	4.5	9
21	OMI total bromine monoxide (OMBRO) data product: algorithm, retrieval and measurement comparisons. Atmospheric Measurement Techniques, 2019, 12, 2067-2084.	3.1	6
22	UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. Astronomy and Astrophysics, 2002, 383, 1032-1048.	5.1	4
23	UVCS Observations of a Helical CME Structure. Proceedings of the International Astronomical Union, 2004, 2004, 71-75.	0.0	3
24	<title>Flat field of UVCS detectors for early part of SOHO mission</title>. , 1999, , .		2
25	Evaluation of the Stratospheric and Tropospheric Bromine Burden Over Fairbanks, Alaska Based on Column Retrievals of Bromine Monoxide. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD032896.	3.3	1
26	UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. Astronomy and Astrophysics, 2002, 395, 975-975.	5.1	1
27	UVCS/SOHO Observations of H I Lyman Alpha Line Profiles in Coronal Holes at Heliocentric Heights above 3.0 R _☉ . , 1999, , 327-330.		1
28	COMPTEL observations of gamma-ray flares in October 1991. AIP Conference Proceedings, 1994, , .	0.4	0
29	High-energy measurements of the 1991 november 15 solar flare. COSPAR Colloquia Series, 2002, 13, 397-400.	0.2	0
30	A Geostationary air quality monitor for the Middle East. Journal of Physics: Conference Series, 2017, 869, 012085.	0.4	0
31	The Arab Astronomical Society (ArAS): Developing Astrophysics Research in the Arab World. Proceedings of the International Astronomical Union, 2018, 13, 256-259.	0.0	0
32	FM14 Session 3: The IAU National Outreach Coordinators (NOCs) Network â€“ Coordinating and Catalyzing Astronomy Outreach Worldwide. Proceedings of the International Astronomical Union, 2018, 14, 542-543.	0.0	0