

J B Liley

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,036
citations

430874

18
h-index

434195

31
g-index

43
all docs

43
docs citations

43
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	UV Radiation: Balancing Risks and Benefits^{â€‹}. Photochemistry and Photobiology, 2009, 85, 88-98.	2.5	187
2	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. Photochemical and Photobiological Sciences, 2021, 20, 1-67.	2.9	93
3	Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. Photochemical and Photobiological Sciences, 2020, 19, 542-584.	2.9	59
4	Removal of NO _x and NO _y in Asian outflow plumes: Aircraft measurements over the western Pacific in January 2002. Journal of Geophysical Research, 2004, 109, .	3.3	50
5	Horizontal propagation of largeâ€‹amplitude mountain waves into the polar night jet. Journal of Geophysical Research D: Atmospheres, 2017, 122, 1423-1436.	3.3	49
6	Success of Montreal Protocol Demonstrated by Comparing High-Quality UV Measurements with â€‹World Avoidedâ€‹ Calculations from Two Chemistry-Climate Models. Scientific Reports, 2019, 9, 12332.	3.3	44
7	New Zealand dimming and brightening. Journal of Geophysical Research, 2009, 114, .	3.3	41
8	A Critical Assessment of Two Types of Personal UV Dosimeters. Photochemistry and Photobiology, 2012, 88, 215-222.	2.5	41
9	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021. Photochemical and Photobiological Sciences, 2022, 21, 275-301.	2.9	40
10	Proposal for a modification of the UVI risk scale. Photochemical and Photobiological Sciences, 2014, 13, 980-985.	2.9	38
11	Correlation of aerosol and carbon monoxide at 45Â°S: Evidence of biomass burning emissions. Geophysical Research Letters, 2001, 28, 709-712.	4.0	31
12	Serum 25-hydroxyvitamin-D responses to multiple UV exposures from solaria: inferences for exposure to sunlight. Photochemical and Photobiological Sciences, 2012, 11, 1174-1185.	2.9	31
13	Post-Pinatubo Evolution and Subsequent Trend of the Stratospheric Aerosol Layer Observed by Mid-Latitude Lidars in Both Hemispheres. Scientific Online Letters on the Atmosphere, 2010, 6, 69-72.	1.4	25
14	The global mass of ozone: 1978-1998. Geophysical Research Letters, 2001, 28, 2819-2822.	4.0	23
15	Small doses from artificial UV sources elucidate the photo-production of vitamin D. Photochemical and Photobiological Sciences, 2013, 12, 1726-1737.	2.9	22
16	Sun exposure and 25-hydroxyvitamin D3 levels in a community sample: Quantifying the association with electronic dosimeters. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 471-477.	3.9	22
17	Clear-sky ultraviolet radiation modelling using output from the Chemistry Climate Model Initiative. Atmospheric Chemistry and Physics, 2019, 19, 10087-10110.	4.9	22
18	Largeâ€‹Amplitude Mountain Waves in the Mesosphere Observed on 21 June 2014 During DEEPWAVE: 1. Wave Development, Scales, Momentum Fluxes, and Environmental Sensitivity. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10364-10384.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Possible Effects of Greenhouse Gases to Ozone Profiles and DNA Active UV-B Irradiance at Ground Level. <i>Atmosphere</i> , 2020, 11, 228.	2.3	20
20	Removal of NO _x and NO _y in biomass burning plumes in the boundary layer over northern Australia. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
21	Two Methods for Retrieving $\langle \text{scp} \rangle \text{UV} \langle / \text{scp} \rangle$ Index for All Cloud Conditions from Sky Imager Products or Total $\langle \text{scp} \rangle \text{SW} \langle / \text{scp} \rangle$ Radiation Measurements. <i>Photochemistry and Photobiology</i> , 2014, 90, 941-951.	2.5	18
22	Aerosol optical depth over Lauder, New Zealand. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	15
23	Large Amplitude Mountain Waves in the Mesosphere Observed on 21 June 2014 During DEEPWAVE: 2. Nonlinear Dynamics, Wave Breaking, and Instabilities. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10006-10032.	3.3	15
24	Black carbon in aerosol during BIBLE B. <i>Journal of Geophysical Research</i> , 2003, 108, BIB 3-1.	3.3	14
25	Comparing satellite- to ground-based automated and manual cloud coverage observations – a case study. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2001-2015.	3.1	14
26	Use of Electronic UV Dosimeters in Measuring Personal UV Exposures and Public Health Education. <i>Atmosphere</i> , 2020, 11, 744.	2.3	12
27	Seasonal variation in vitamin D levels in the Canterbury, New Zealand population in relation to available UV radiation. <i>New Zealand Medical Journal</i> , 2007, 120, U2733.	0.5	12
28	Fitting Size Distributions to Optical Particle Counter Data. <i>Aerosol Science and Technology</i> , 1992, 17, 84-92.	3.1	10
29	Springtime enhancement of upper tropospheric aerosol at 45°S. <i>Geophysical Research Letters</i> , 2001, 28, 1495-1498.	4.0	9
30	CDKN2A testing and genetic counseling promote reductions in objectively measured sun exposure one year later. <i>Genetics in Medicine</i> , 2020, 22, 26-34.	2.4	9
31	Unexpected Repartitioning of Stratospheric Inorganic Chlorine After the 2020 Australian Wildfires. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
32	The NIMO Monte Carlo model for box-air-mass factor and radiance calculations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 721-738.	2.3	6
33	Peak UV: Spectral contributions from cloud enhancements. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	6
34	Factors associated with photoprotection by body clothing coverage, particularly in non-summer months, among a New Zealand community sample. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 389-397.	2.9	4
35	Critical appraisal of data used to infer record UVI in the tropical andes. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 785-794.	2.9	3
36	Balancing the Risks and Benefits of Ultraviolet Radiation. , 2010, , 21-47.		2

#	ARTICLE	IF	CITATIONS
37	Diffuse and direct components of solar radiation in ground-based and satellite-derived data. , 2013, , .		1
38	Yet another benefit from sunlight in the fight against COVID-19?. British Journal of Dermatology, 2021, 185, 246-247.	1.5	1
39	25 years of solar spectral UV measurements at 45° S. AIP Conference Proceedings, 2017, , .	0.4	0
40	Influences of aerosols and thin cirrus clouds on GOSAT XCO ₂ and XCH ₄ using Total Carbon Column Observing Network, sky radiometer, and lidar data. International Journal of Remote Sensing, 2022, 43, 1770-1799.	2.9	0