

Anu Heikkilä

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2898105/publications.pdf>

Version: 2024-02-01

30
papers

922
citations

686830

13
h-index

552369

26
g-index

31
all docs

31
docs citations

31
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. Photochemical and Photobiological Sciences, 2018, 17, 127-179.	1.6	177
2	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. Nature Sustainability, 2019, 2, 569-579.	11.5	156
3	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.	1.6	93
4	Interactive effects of solar UV radiation and climate change on material damage. Photochemical and Photobiological Sciences, 2019, 18, 804-825.	1.6	71
5	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.	1.6	59
6	Comparison of measured and modelled uv indices for the assessment of health risks. Meteorological Applications, 2001, 8, 267-277.	0.9	53
7	UV Index monitoring in Europe. Photochemical and Photobiological Sciences, 2017, 16, 1349-1370.	1.6	52
8	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.	1.6	40
9	Reconstruction of Solar Spectral Surface UV Irradiances Using Radiative Transfer Simulations. Photochemistry and Photobiology, 2009, 85, 1233-1239.	1.3	24
10	The TROPOMI surface UV algorithm. Atmospheric Measurement Techniques, 2018, 11, 997-1008.	1.2	23
11	UV-screening and springtime recovery of photosynthetic capacity in leaves of <i>Vaccinium vitis-idaea</i> above and below the snow pack. Plant Physiology and Biochemistry, 2019, 134, 40-52.	2.8	23
12	Detecting volcanic sulfur dioxide plumes in the Northern Hemisphere using the Brewer spectrophotometers, other networks, and satellite observations. Atmospheric Chemistry and Physics, 2017, 17, 551-574.	1.9	18
13	Validation of the TROPospheric Monitoring Instrument (TROPOMI) surface UV radiation product. Atmospheric Measurement Techniques, 2020, 13, 6999-7024.	1.2	17
14	European Conference on Atmospheric UV Radiation: Overview. Journal of Geophysical Research, 2000, 105, 4777-4785.	3.3	14
15	Data flow of spectral UV measurements at Sodankylä and Jokioinen. Geoscientific Instrumentation, Methods and Data Systems, 2016, 5, 193-203.	0.6	13
16	European UV DataBase (EUVDB) as a repository and quality analyser for solar spectral UV irradiance monitored in Sodankylä. Geoscientific Instrumentation, Methods and Data Systems, 2016, 5, 333-345.	0.6	10
17	A new method for estimating UV fluxes at ground level in cloud-free conditions. Atmospheric Measurement Techniques, 2017, 10, 4965-4978.	1.2	10
18	High-resolution setup for measuring wavelength sensitivity of photoyellowing of translucent materials. Review of Scientific Instruments, 2015, 86, 103103.	0.6	9

#	ARTICLE	IF	CITATIONS
19	The success of the Montreal Protocol in mitigating interactive effects of stratospheric ozone depletion and climate change on the environment. <i>Global Change Biology</i> , 2021, 27, 5681-5683.	4.2	9
20	Photoyellowing revisited: Determination of an action spectrum of newspaper. <i>Polymer Degradation and Stability</i> , 2014, 99, 190-195.	2.7	8
21	Temperature dependence of the Brewer global UV measurements. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4491-4505.	1.2	8
22	Performance of the FMI cosine error correction method for the Brewer spectral UV measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5167-5180.	1.2	7
23	In search of traceability: two decades of calibrated Brewer UV measurements in Sodankylä and Jokioinen. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2016, 5, 531-540.	0.6	7
24	A novel facility for ageing materials with narrow-band ultraviolet radiation exposure. <i>Review of Scientific Instruments</i> , 2011, 82, 023107.	0.6	5
25	25 years of spectral UV measurements at Sodankylä. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	4
26	INTO THE MED: Searching for Microplastics from Space to Deep-Sea. <i>Springer Water</i> , 2020, , 129-138.	0.2	4
27	Spectral solar UV monitoring: worth it?. , 2006, , .		3
28	Comparison of Models Used for UV Index Calculations. , 1998, 67, 657.		1
29	Two decades of spectral UV measurements at Sodankylä. , 2013, , .		0
30	Facility for determining action spectra of UV photodegradation. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0