

Anu Heikkilä

List of Publications by Year in descending order

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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 stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 275-301. | 1.6 | 40 |
| 2 | Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1-67. | 1.6 | 93 |
| 3 | 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 |
| 4 | Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 542-584. | 1.6 | 59 |
| 5 | Validation of the TROPospheric Monitoring Instrument (TROPOMI) surface UV radiation product. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6999-7024. | 1.2 | 17 |
| 6 | INTO THE MED: Searching for Microplastics from Space to Deep-Sea. <i>Springer Water</i> , 2020, , 129-138. | 0.2 | 4 |
| 7 | Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019, 2, 569-579. | 11.5 | 156 |
| 8 | Interactive effects of solar UV radiation and climate change on material damage. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 804-825. | 1.6 | 71 |
| 9 | UV-screening and springtime recovery of photosynthetic capacity in leaves of <i>Vaccinium vitis-idaea</i> above and below the snow pack. <i>Plant Physiology and Biochemistry</i> , 2019, 134, 40-52. | 2.8 | 23 |
| 10 | Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 127-179. | 1.6 | 177 |
| 11 | 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 |
| 12 | The TROPOMI surface UV algorithm. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 997-1008. | 1.2 | 23 |
| 13 | 25 years of spectral UV measurements at Sodankylä. <i>AIP Conference Proceedings</i> , 2017, , . | 0.3 | 4 |
| 14 | UV Index monitoring in Europe. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1349-1370. | 1.6 | 52 |
| 15 | Facility for determining action spectra of UV photodegradation. <i>AIP Conference Proceedings</i> , 2017, , . | 0.3 | 0 |
| 16 | Detecting volcanic sulfur dioxide plumes in the Northern Hemisphere using the Brewer spectrophotometers, other networks, and satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 551-574. | 1.9 | 18 |
| 17 | Temperature dependence of the Brewer global UV measurements. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4491-4505. | 1.2 | 8 |
| 18 | A new method for estimating UV fluxes at ground level in cloud-free conditions. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4965-4978. | 1.2 | 10 |

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|----|---|-----|-----------|
| 19 | European UV DataBase (EUVDB) as a repository and quality analyser for solar spectral UV irradiance monitored in Sodankylä. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2016, 5, 333-345. | 0.6 | 10 |
| 20 | Data flow of spectral UV measurements at Sodankylä and Jokioinen. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2016, 5, 193-203. | 0.6 | 13 |
| 21 | 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 |
| 22 | High-resolution setup for measuring wavelength sensitivity of photoyellowing of translucent materials. <i>Review of Scientific Instruments</i> , 2015, 86, 103103. | 0.6 | 9 |
| 23 | Photoyellowing revisited: Determination of an action spectrum of newspaper. <i>Polymer Degradation and Stability</i> , 2014, 99, 190-195. | 2.7 | 8 |
| 24 | Two decades of spectral UV measurements at Sodankylä. , 2013, , . | | 0 |
| 25 | A novel facility for ageing materials with narrow-band ultraviolet radiation exposure. <i>Review of Scientific Instruments</i> , 2011, 82, 023107. | 0.6 | 5 |
| 26 | Reconstruction of Solar Spectral Surface UV Irradiances Using Radiative Transfer Simulations. <i>Photochemistry and Photobiology</i> , 2009, 85, 1233-1239. | 1.3 | 24 |
| 27 | Spectral solar UV monitoring: worth it?. , 2006, , . | | 3 |
| 28 | Comparison of measured and modelled uv indices for the assessment of health risks. <i>Meteorological Applications</i> , 2001, 8, 267-277. | 0.9 | 53 |
| 29 | European Conference on Atmospheric UV Radiation: Overview. <i>Journal of Geophysical Research</i> , 2000, 105, 4777-4785. | 3.3 | 14 |
| 30 | Comparison of Models Used for UV Index Calculations. , 1998, 67, 657. | | 1 |