

Full list of publications - Prof Giles Harrison

- | Number | Year | Title and citation |
|--------|------|---|
| 336 | 2024 | Harrison, R.G. and Riddick, J.C.: Atmospheric electricity observations at Eskdalemuir Geophysical Observatory, <i>Hist. Geo Space. Sci.</i> (in press) |
| 335 | | Giles Harrison , Weather and the Solar Eclipse - Nature's Meteorological Experiment. In: Henrike Lange and Tom McLeish (eds), Eclipse and Revelation: Total Solar Eclipses in Science, History, Literature and the Arts , Oxford University Press, 384pp |
| 334 | | C. Miller, K. Nicoll, C. Westbrook, and R.G. Harrison Evaluating atmospheric electricity changes as an indicator of fog formation <i>Quart Jour Roy Meteorol Soc</i> (in press) |
| 333 | | M.W. Airey, R.G. Harrison , K.L. Aplin, C. Pfrang, B. McGinness, Electrical effects on droplet behaviour , <i>J. Phys.: Conf. Ser.</i> 2702 012015 (2024) doi:10.1088/1742-6596/2702/1/012015 |
| 332 | | Nicoll, K.A., V. Escobar-Ruiz, R.G. Harrison , M.H.P. Ambaum, A.A. Alkamali, A charge emitter for use in evaluating aircraft rainfall enhancement , <i>J. Phys.: Conf. Ser.</i> 2702 012005 (2024) doi: 10.1088/1742-6596/2702/1/012005 |
| 331 | | C. Miller, K. Nicoll, C. Westbrook, and R.G. Harrison , The effect of fog on atmospheric electric fields , <i>J. Phys.: Conf. Ser.</i> 2702 012002 (2024) doi:10.1088/1742-6596/2702/1/012002 |
| 330 | | B. McGinness, R.G. Harrison , K.L. Aplin and M.W. Airey, Evaluation of a point discharge sensor as an atmospheric electricity instrument , <i>J. Phys.: Conf. Ser.</i> 2702 012004 (2024) doi:10.1088/1742-6596/2702/1/012004 |
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| 328 | 2023 | Giles Harrison , “...since records began” – Christopher Wren’s first automatic weather station (Department of Meteorology and Reading Physics blog, September 2023) |
| 327 | | R. Giles Harrison , Veronica Escobar-Ruiz, Keri A. Nicoll, Maarten H.P. Ambaum, Isolated corona current monitoring using a compensated light-emitting diode as an unpowered sensor, <i>Rev Sci Instrum</i> 94, 094504 (2023) https://doi.org/10.1063/5.0170176 |
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| 325 | | R. Giles Harrison and Kristian Schlegel, Atmospheric electricity observations by Reinhold Reiter around Garmisch-Partenkirchen <i>Hist. Geo Space. Sci.</i> 14, 71-75 https://doi.org/10.5194/hgss-14-71-2023 (2023). |
| 324 | | Denisenko, V.V., Rycroft, M.J., Harrison, R.G. , Mathematical model of the global ionospheric electric field generated by thunderstorms <i>Bulletin of the Russian Academy of Sciences:Physics</i> 87, 1, 118-123 (2023) DOI: 10.31857/S0367676522700260 |
| 323 | 2022 | R.G. Harrison , K.A. Nicoll, M. Joshi, E. Hawkins, Empirical evidence for multidecadal scale Global Atmospheric Electric Circuit modulation by the El Niño-Southern Oscillation <i>Environ Res Lett</i> 17, 124048 (2022) |
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<https://doi.org/10.5194/hgss-13-133-2022> , 2022.
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- 304 **R. Giles Harrison**, Keri A. Nicoll, Douglas J. Tilley, Graeme J. Marlton, Stefan Chindea,
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- 294 **Giles Harrison**, [Cold war nuclear tests changed rainfall thousands of miles away](#) *The Conversation*
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