

Pieter De Meutter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3256372/publications.pdf>

Version: 2024-02-01

9
papers

124
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

79
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Uncertainty quantification of atmospheric transport and dispersion modelling using ensembles for CTBT verification applications. <i>Journal of Environmental Radioactivity</i> , 2022, 250, 106918. | 1.7 | 3 |
| 2 | On the model uncertainties in Bayesian source reconstruction using an ensemble of weather predictions, the emission inverse modelling system FREAR v1.0, and the Lagrangian transport and dispersion model Flexpart v9.0.2. <i>Geoscientific Model Development</i> , 2021, 14, 1237-1252. | 3.6 | 7 |
| 3 | The assessment of the April 2020 chernobyl wildfires and their impact on Cs-137 levels in Belgium and The Netherlands. <i>Journal of Environmental Radioactivity</i> , 2021, 237, 106688. | 1.7 | 9 |
| 4 | Bayesian source reconstruction of an anomalous Selenium-75 release at a nuclear research institute. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106225. | 1.7 | 23 |
| 5 | International challenge to model the long-range transport of radioxenon released from medical isotope production to six Comprehensive Nuclear-Test-Ban Treaty monitoring stations. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 667-686. | 1.7 | 27 |
| 6 | Time resolution requirements for civilian radioxenon emission data for the CTBT verification regime. <i>Journal of Environmental Radioactivity</i> , 2018, 182, 117-127. | 1.7 | 11 |
| 7 | Source localisation and its uncertainty quantification after the third DPRK nuclear test. <i>Scientific Reports</i> , 2018, 8, 10155. | 3.3 | 17 |
| 8 | Assessment of the announced North Korean nuclear test using long-range atmospheric transport and dispersion modelling. <i>Scientific Reports</i> , 2017, 7, 8762. | 3.3 | 10 |
| 9 | On the capability to model the background and its uncertainty of CTBT-relevant radioxenon isotopes in Europe by using ensemble dispersion modeling. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 280-290. | 1.7 | 17 |