

# 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  
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9  
docs citations

9  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Source localisation and its uncertainty quantification after the third DPRK nuclear test. <i>Scientific Reports</i> , 2018, 8, 10155.	3.3	17
5	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
6	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
7	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
8	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
9	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