

Adam Varley

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

91
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a neural network approach to characterise ²²⁶ Ra contamination at legacy sites using gamma-ray spectra taken from boreholes. <i>Journal of Environmental Radioactivity</i> , 2015, 140, 130-140.	1.7	21
2	An in situ method for the high resolution mapping of ¹³⁷ Cs and estimation of vertical depth penetration in a highly contaminated environment. <i>Science of the Total Environment</i> , 2017, 605-606, 957-966.	8.0	20
3	Reconstructing the deposition environment and long-term fate of Chernobyl ¹³⁷ Cs at the floodplain scale through mobile gamma spectrometry. <i>Environmental Pollution</i> , 2018, 240, 191-199.	7.5	17
4	Remediating radium contaminated legacy sites: Advances made through machine learning in routine monitoring of ²²⁶ Ra particles. <i>Science of the Total Environment</i> , 2015, 521-522, 270-279.	8.0	16
5	Mapping the spatial distribution and activity of ²²⁶ Ra at legacy sites through Machine Learning interpretation of gamma-ray spectrometry data. <i>Science of the Total Environment</i> , 2016, 545-546, 654-661.	8.0	16
6	Near real-time soil erosion mapping through mobile gamma-ray spectroscopy. <i>Journal of Environmental Radioactivity</i> , 2020, 223-224, 106400.	1.7	1
7	Rapid in situ assessment of radiocesium wood contamination using field gamma-ray spectroscopy to optimise felling. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106259.	1.7	0