

Yanliang Tan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Revision for Measuring the Radon Exhalation Rate From the Medium Surface. IEEE Transactions on Nuclear Science, 2011, 58, 209-213.	2.0	25
2	A novel algorithm for quick and continuous tracing the change of radon concentration in environment. Review of Scientific Instruments, 2011, 82, 043503.	1.3	24
3	Development prospects of metal-based two-dimensional nanomaterials in lithium-sulfur batteries. Chinese Chemical Letters, 2023, 34, 107130.	9.0	15
4	Measuring radon exhalation rate by tracing the radon concentration of ventilation-type accumulation chamber. Radiation Measurements, 2013, 58, 33-36.	1.4	10
5	A novel method to measure the radon exhalation rate in only one measurement cycle. Analytical Methods, 2013, 5, 805-808.	2.7	7
6	A theoretical approach to the study of saturation phenomena of electrostatic collection efficiency of ²¹⁸ Po. Radiation Physics and Chemistry, 2014, 100, 70-73.	2.8	7
7	Research on the perturbation phenomenon while tracing the radon concentration in real time. Stochastic Environmental Research and Risk Assessment, 2015, 29, 755-760.	4.0	7
8	A simple model for automatically measuring radon exhalation rate from medium surface. Radiation Measurements, 2014, 64, 44-47.	1.4	6
9	Measurement of the radon exhalation rate from the medium surface by tracing the radon concentration. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2295-2299.	1.5	5
10	Measuring radon exhalation rate in two cycles avoiding the effects of back-diffusion and chamber leakage. Environmental Monitoring and Assessment, 2013, 185, 8759-8765.	2.7	5
11	A method to simultaneously and continuously measure the ²²² Rn and ²²⁰ Rn exhalation rates of soil in an open loop. Isotopes in Environmental and Health Studies, 2014, 50, 531-537.	1.0	5
12	On the calibration of a radon exhalation monitor based on the electrostatic collection method and accumulation chamber. Journal of Environmental Radioactivity, 2015, 144, 9-14.	1.7	5
13	No flow meter method for measuring radon exhalation from the medium surface with a ventilation chamber. Applied Radiation and Isotopes, 2020, 166, 109328.	1.5	5
14	Analysis of the Saturation Phenomena of the Neutralization Rate of Positively Charged ²¹⁸ Po in Water Vapor. Health Physics, 2014, 107, 255-260.	0.5	4
15	Improving the quality of the "ventilation chamber" technique for surveying the radon exhalation rate continuously. Stochastic Environmental Research and Risk Assessment, 2015, 29, 2101-2106.	4.0	4
16	A proposal to evaluate radioactivity of cement containing coal fly ash from China national standard: "Limits of radionuclides in building materials". Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 277-281.	1.5	4
17	A model comparison of diffusion-controlled radon exhalation from solid and cavity walls with application to high background radiation areas. Environmental Science and Pollution Research, 2020, 27, 43389-43395.	5.3	4
18	The method for recalibration of thoron concentration reading of RAD7 and obtaining the thoron exhalation rate from soil surface. Nuclear Technology and Radiation Protection, 2013, 28, 92-96.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Developing a radon monitor with less influence of humidity based on electrostatic collection method and CR-39 detector. Radiation Measurements, 2022, 155, 106787.	1.4	3
20	Novel method for estimation of the indoor-to-outdoor airborne radioactivity ratio following the Fukushima Daiichi Nuclear Power Plant accident. Science of the Total Environment, 2015, 536, 25-30.	8.0	1
21	Research on the conversion coefficient for measuring radon concentration in water based on bubbling method. Radiation Measurements, 2022, 155, 106808.	1.4	1
22	A simple design concept for elimination of the impact of humidity on radon measurements using electrostatic collection. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2303-2308.	4.0	0