

Duc Tam Hoang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

168
citations

1040056

9
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the Monte Carlo simulation model of NaI(Tl) detector by Geant4 code. Applied Radiation and Isotopes, 2017, 130, 75-79.	1.5	25
2	Advanced gamma spectrum processing technique applied to the analysis of scattering spectra for determining material thickness. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 693-699.	1.5	20
3	Semi-empirical method for determining the density of liquids using a NaI(Tl) scintillation detector. Applied Radiation and Isotopes, 2019, 152, 109-114.	1.5	15
4	A prototype of radioactive waste drum monitor by non-destructive assays using gamma spectrometry. Applied Radiation and Isotopes, 2016, 109, 544-546.	1.5	14
5	A study of the effect of Al ₂ O ₃ reflector on response function of NaI(Tl) detector. Radiation Physics and Chemistry, 2016, 125, 88-93.	2.8	14
6	Simple procedure for optimizing model of NaI(Tl) detector using Monte Carlo simulation. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1039-1048.	1.5	14
7	Determining the density of liquid using gamma scattering method. Applied Radiation and Isotopes, 2020, 163, 109197.	1.5	14
8	A new approach for determining the thickness of material plate using gamma backscattering method. NDT and E International, 2020, 113, 102281.	3.7	11
9	A semi-empirical method for measuring thickness of pipe-wall using gamma scattering technique. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 1011-1016.	1.5	10
10	An improved method for liquid density measurement using NaI(Tl) detector and low-strength source. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 161-168.	1.5	9
11	Monte Carlo simulation combined with experimental measurements based on gamma transmission technique for determining the density of liquid. Radiation Physics and Chemistry, 2021, 179, 109216.	2.8	7
12	Verification of Compton scattering spectrum of a 662 keV photon beam scattered on a cylindrical steel target using MCNP5 code. Applied Radiation and Isotopes, 2015, 105, 294-298.	1.5	5
13	ANN coupled with Monte Carlo simulation for predicting the concentration of acids. Applied Radiation and Isotopes, 2021, 169, 109563.	1.5	5
14	An artificial neural network based approach for estimating the density of liquid applied in gamma transmission and gamma scattering techniques. Applied Radiation and Isotopes, 2021, 169, 109570.	1.5	2
15	Thickness determination of material plates by gamma-ray transmission technique using calibration curves constructed from Monte Carlo simulation. Radiation Physics and Chemistry, 2022, 190, 109821.	2.8	2
16	A study on the sensitivity of the measurement of liquid density at different scattering angles using a gamma scattering technique. Applied Radiation and Isotopes, 2021, 176, 109897.	1.5	1
17	XÁC ĐỊNH SỰ NHIỆM MÁT TẮT AXIT VÀ SİLICAT TRONG CHUỖ NHIỆM TẮT AXIT VÀ SİLICAT TRONG CHUỖ LIỆT UỐN PHÁP SẢN PHẨM CÔNG NGHỆ MỚI		
18	An approach based on gamma backscattering technique to measuring the density of liquid using the low-intensity radioactive source. Applied Radiation and Isotopes, 2022, 185, 110248.	1.5	0