Duc Tam Hoang

List of Publications by Year
in descending order

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	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
2	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
3	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
4	ANN coupled with Monte Carlo simulation for predicting the concentration of acids. Applied Radiation and Isotopes, 2021, 169, 109563.	1.5	5
5	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
6	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
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	XÃC Ä᧚ŠNH Má᷃¬T Ä᧚˜ AXIT Vá᧚›šI ÄÆ˜á᧚œNG CHUᴼ¨N Má᷃¬T Ä᧚˜ ÄÆ˜á᧚¢C XÃ‚Y Dá᧚°NG Tá᧚ª Dá᧚® LIᴧ†U MÃ" PHá᧚ŽNG MONTE C...		
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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