Hyun-Cheol Lee

List of Publications by Year
in descending order

9	112	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	52
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a radionuclide identification algorithm based on a convolutional neural network for radiation portal monitoring system. Radiation Physics and Chemistry, 2021, 180, 109300.	2.8	18
2	Radioisotope identification using an energy-weighted algorithm with a proof-of-principle radiation portal monitor based on plastic scintillators. Applied Radiation and Isotopes, 2020, 156, 109010.	1.5	10
3	Dynamic radionuclide identification using energy weighted algorithm with commercialized radiation portal monitor based on plastic scintillators. Radiation Physics and Chemistry, 2020, 170, 108645.	2.8	11
4	Evaluation of Source Identification Method Based on Energy-Weighting Level with Portal Monitoring System Using Plastic Scintillator. Journal of Radiation Protection and Research, 2020, 45, 117-129.	0.6	5
5	An effective dose assessment technique with NORM added consumer products using skin-point source on computational human phantom. Applied Radiation and Isotopes, 2016, 118, 56-61.	1.5	9
6	Effective dose evaluation of NORM-added consumer products using Monte Carlo simulations and the ICRP computational human phantoms. Applied Radiation and Isotopes, 2016, 110, 230-235.	1.5	15
7	Validation of energy-weighted algorithm for radiation portal monitor using plastic scintillator. Applied Radiation and Isotopes, 2016, 107, 160-164.	1.5	19
8	A Monte Carlo study of an energy-weighted algorithm for radionuclide analysis with a plastic scintillation detector. Applied Radiation and Isotopes, 2015, 101, 53-59.	1.5	16
9	Feasibility study for the assessment of the exposed dose with TENORM added in consumer products. Radiation Protection Dosimetry, 2015, 167, 255-259.	0.8	9