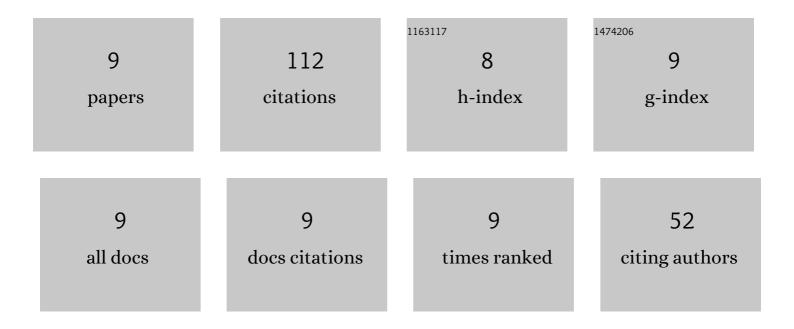
Hyun-Cheol Lee

List of Publications by Year in descending order

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| # | 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 |