

# Kb Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

130  
citations

1307594

7  
h-index

1281871

11  
g-index

25  
all docs

25  
docs citations

25  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the primary measurement standard for gaseous radon-222 activity. Applied Radiation and Isotopes, 2012, 70, 1934-1939.	1.5	19
2	Implementation of TDCR method in KRISS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 534, 496-502.	1.6	17
3	Preparation and activity measurement of electrodeposited alpha-emitting sources. Applied Radiation and Isotopes, 2006, 64, 1260-1264.	1.5	12
4	Application of digital sampling techniques for coincidence counting. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, 72-76.	1.6	12
5	Measurement of beta surface emission rate from an extended area $^{137}\text{Cs}$ source using a multiwire proportional counter. Applied Radiation and Isotopes, 2005, 63, 99-105.	1.5	9
6	Construction of classical confidence regions of model parameters in nonlinear regression analyses. Applied Radiation and Isotopes, 2010, 68, 1261-1265.	1.5	9
7	Results of an international comparison of activity measurements of $^{68}\text{Ge}$ . Applied Radiation and Isotopes, 2018, 134, 385-390.	1.5	8
8	Report of APMP comparison of the activity measurements of $^{59}\text{Fe}$ (APMP.RI(II)-K2.Fe-59). Metrologia, 2020, 57, 06002.	1.2	7
9	Implementation of CIEMAT/NIST LSC efficiency tracing method in KRISS: $^{204}\text{Tl}$ standardization. Applied Radiation and Isotopes, 2004, 60, 893-897.	1.5	5
10	Design of optimal digital filter and digital signal processing for a $\text{CdZnTe}$ high resolution gamma-ray system. Applied Radiation and Isotopes, 2020, 162, 109171.	1.5	5
11	Development of a low-level background gamma-ray spectrometer by KRISS. Applied Radiation and Isotopes, 2008, 66, 845-849.	1.5	4
12	Development of a High-Efficiency $^{40}\text{K}$ - $^{137}\text{Cs}$ Coincidence System for Direct Measurements of Activity in Radioactive Decay. IEEE Transactions on Nuclear Science, 2010, 57, 2613-2616.	2.0	4
13	Comparison of $^{99\text{m}}\text{Tc}$ activity measurements at the KRISS using the new SIRT1 of the BIPM. Applied Radiation and Isotopes, 2012, 70, 1820-1824.	1.5	4
14	Clarification of the calculation of minimum detectable activity in low-level radioactivity measurements. Applied Radiation and Isotopes, 2016, 109, 449-451.	1.5	3
15	Development of a position-sensitive CZT detector with coplanar grid electrode. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1221-1225.	1.5	3
16	Activity standardization of $^{99\text{m}}\text{Tc}$ using liquid scintillation counting method. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1047-1052.	1.5	2
17	Inherently high uncertainty in predicting the time evolution of epidemics. Epidemiology and Health, 2021, 43, e2021014.	1.9	2
18	Effect of gamma window setting on activity measurement of $^{134}\text{Cs}$ by $^{40}\text{K}$ - $^{137}\text{Cs}$ coincidence method. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 539-545.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Performance of a segmented HPGe detector at KRISS. Applied Radiation and Isotopes, 2018, 134, 177-181.	1.5	1
20	Development of a miniature digital data processing $4\pi$ (LS)- $4\pi$ (LaBr3) coincidence system at KRISS. Radiation Physics and Chemistry, 2022, 200, 110231.	2.8	1
21	Development of FPGA-based coincidence module for TDCR counting system. Radiation Physics and Chemistry, 2022, 200, 110377.	2.8	1
22	New method to determine the decision threshold for low-level radioactivity measurements. Applied Radiation and Isotopes, 2013, 81, 7-9.	1.5	0
23	New method to incorporate Type B uncertainty into least-squares procedures in radionuclide metrology. Applied Radiation and Isotopes, 2016, 109, 82-84.	1.5	0
24	Measurements of sealed radioactive sources by using isothermal microcalorimetry. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1195-1203.	1.5	0
25	Possibility of radioactivity measurement using an isothermal microcalorimeter. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 493-499.	1.5	0