

# Kattathu Mathew

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3254720/publications.pdf>

Version: 2024-02-01

8  
papers

123  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen and argon isotopic signatures in graphite from the 3.8-Ga-old Isua Supracrustal Belt, Southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1241-1252.	3.9	53
2	Intercomparison of the Radio-Chronometric Ages of Plutonium-Certified Reference Materials with Distinct Isotopic Compositions. <i>Analytical Chemistry</i> , 2019, 91, 11643-11652.	6.5	28
3	Critical need for plutonium and uranium isotopic standards with lower uncertainties. <i>Analytical Methods</i> , 2016, 8, 7289-7305.	2.7	13
4	The direct total evaporation (DTE) method for TIMS analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 441-445.	1.5	11
5	Systematic bias in the $^{240}\text{Pu}/^{239}\text{Pu}$ isotopic ratio of plutonium isotopic standard CRM138. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 395-400.	1.5	8
6	Preparation of $^{241}\text{Am}/^{243}\text{Am}$ gravimetric mixtures and development of Am isotopic and assay measurement techniques using thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2020, 458, 116430.	1.5	7
7	Lunar Xenon and the Origin of the Indigenous Component. <i>Astrophysical Journal Letters</i> , 2019, 882, L17.	8.3	2
8	Matrix effects in plutonium isotope ratio measurements using thermal ionization mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 1005-1017.	1.5	1