

Anthony R Day

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

253
citations

1163117

8
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Cleaning and passivation of copper surfaces to remove surface radioactivity and prevent oxide formation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 486-489.	1.6	42
2	Design and construction of a low-background, internal-source proportional counter. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 233-237.	1.5	36
3	Measurement of ^{37}Ar to support technology for On-Site Inspection under the Comprehensive Nuclear-Test-Ban Treaty. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 58-61.	1.6	34
4	Design and construction of an ultra-low-background 14-crystal germanium array for high efficiency and coincidence measurements. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 703-708.	1.5	20
5	A new shallow underground gas-proportional counting labâ€™First results and Ar-37 sensitivity. Applied Radiation and Isotopes, 2013, 81, 151-155.	1.5	17
6	Measurements of Argon-39 at the U20az underground nuclear explosion site. Journal of Environmental Radioactivity, 2017, 178-179, 28-35.	1.7	11
7	The Multi-sensor Airborne Radiation Survey (MARS) instrument. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 698, 152-167.	1.6	8
8	Development of a low-level ^{37}Ar calibration standard. Applied Radiation and Isotopes, 2016, 109, 430-434.	1.5	8
9	Methods for using argon-39 to age-date groundwater using ultra-low-background proportional counting. Applied Radiation and Isotopes, 2017, 126, 9-12.	1.5	8
10	Concentration independent calibration of $^{12}\text{Ar}^{13}\text{Ar}$ coincidence detector using ^{131}mXe and ^{133}Xe . Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 755-759.	1.5	7
11	Development of a low-level ^{39}Ar calibration standard â€™Analysis by absolute gas counting measurements augmented with simulation. Applied Radiation and Isotopes, 2017, 126, 243-248.	1.5	7
12	Migration of noble gas tracers at the site of an underground nuclear explosion at the Nevada National Security Site. Journal of Environmental Radioactivity, 2019, 208-209, 106047.	1.7	7
13	Stilbene cell development to improve radioxenon detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 923, 72-78.	1.6	7
14	A High-Efficiency Fieldable Germanium Detector Array. IEEE Transactions on Nuclear Science, 2009, 56, 1224-1228.	2.0	6
15	LaCl ₃ :Ce coincidence signatures to calibrate gamma-ray detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 201-204.	1.6	5
16	Development of an absolute gas-counting capability for low to medium activities. Applied Radiation and Isotopes, 2013, 81, 179-183.	1.5	5
17	First results of a simultaneous measurement of tritium and ^{14}C in an ultra-low-background proportional counter for environmental sources of methane. Journal of Environmental Radioactivity, 2016, 155-156, 122-129.	1.7	5
18	Optimization of simultaneous tritiumâ€™radiocarbon internal gas proportional counting. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 813, 19-28.	1.6	4

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19	<p>³⁹Ar/Ar measurements using ultra-low background proportional counters. Applied Radiation and Isotopes, 2016, 107, 187-190.</p>	1.5	4
20	<p>Characterization of a low background proportional counter for a high throughput Argon-37 collection and measurement system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161794.</p>	1.6	4
21	<p>Simultaneous measurement of tritium and radiocarbon by ultra-low-background proportional counting. Applied Radiation and Isotopes, 2017, 126, 171-174.</p>	1.5	2
22	<p>Direct low-energy measurement of ³⁷Ar and ¹²⁷Xe in a radiotracer gas using low-background proportional counters. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 125-129.</p>	1.5	2
23	<p>A Beta-Particle Hodoscope Constructed Using A Position-Sensitive Plastic Scintillator Active Element. , 2006, , .</p>		0