

# Douglas Chase Rodriguez

## List of Publications by Year in descending order

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2258059

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2053705

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#	ARTICLE	IF	CITATIONS
1	Correlating the fissile mass of standard uranium samples with delayed gamma rays from fission products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 164306.	1.6	6
2	Development and testing of a Delayed Gamma-ray Spectroscopy instrument utilizing Cf-252 neutrons evaluated for nuclear safeguards applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165685.	1.6	6
3	Utilizing PUNITA experiments to evaluate fundamental delayed gamma-ray spectroscopy interrogation requirements for nuclear safeguards. Journal of Nuclear Science and Technology, 2020, 57, 975-988.	1.3	4
4	Model design of a deuterium-deuterium neutron generator moderator and evaluation for delayed gamma-ray nondestructive assay for safeguards verification. Journal of Nuclear Science and Technology, 2021, 58, 302-314.	1.3	3
5	Evaluation of high-energy delayed gamma-ray spectra dependence on interrogation timing patterns. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 997, 165146.	1.6	3
6	Demonstration of gamma-ray pipe-monitoring capabilities for real-time process monitoring safeguards applications in reprocessing facilities. Journal of Nuclear Science and Technology, 2018, 55, 792-804.	1.3	0