

Tayfun Akyurek

List of Publications by Year in descending order

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14
papers

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1478505

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14
all docs

14
docs citations

14
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Delayed fast neutron as an indicator of burn-up for nuclear fuel elements. Nuclear Engineering and Technology, 2021, 53, 3127-3132.	2.3	1
2	A new dead-time determination method for gamma-ray detectors using attenuation law. Nuclear Engineering and Technology, 2021, 53, 4093-4097.	2.3	0
3	Simultaneous experimental evaluation of pulse shape and deadtime phenomenon of GM detector. Scientific Reports, 2021, 11, 3320.	3.3	1
4	Experimental evaluation of the deadtime phenomenon for GM detector: deadtime dependence on operating voltages. Scientific Reports, 2020, 10, 19955.	3.3	4
5	Neutron reflector analysis for the beam-port of the Missouri S&T Reactor. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 975-981.	1.5	1
6	Neutron flux characterization of the beam port of the Missouri University of Science and Technology Reactor. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 109-116.	1.5	4
7	Voltage dependent pulse shape analysis of Geiger-Müller counter. Nuclear Engineering and Technology, 2019, 51, 1081-1090.	2.3	8
8	Determination of plutonium and uranium content and burnup using six group delayed neutrons. Nuclear Engineering and Technology, 2019, 51, 943-948.	2.3	2
9	Portable spectroscopic fast neutron probe and ³ He detector dead-time measurements. Progress in Nuclear Energy, 2016, 92, 15-21.	2.9	8
10	GM counter deadtime dependence on applied voltage, operating temperature and fatigue. Radiation Measurements, 2015, 73, 26-35.	1.4	11
11	A comparison of traditional and hybrid radiation detector dead-time models and detector behavior. Progress in Nuclear Energy, 2015, 83, 177-185.	2.9	12
12	Spent fuel interrogation using delayed fast neutron spectrum at Missouri University of Science and Technology Reactor. Progress in Nuclear Energy, 2015, 85, 525-540.	2.9	9
13	Review and characterization of best candidate isotopes for burnup analysis and monitoring of irradiated fuel. Annals of Nuclear Energy, 2014, 69, 278-291.	1.8	10
14	Reduced Shell Model Calculations of ¹¹¹ Sb and ¹¹² Sb. Chinese Physics Letters, 2007, 24, 1521-1524.	3.3	1