

Tayfun Akyurek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2089860/publications.pdf>

Version: 2024-02-01

14
papers

72
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	GM counter deadtime dependence on applied voltage, operating temperature and fatigue. Radiation Measurements, 2015, 73, 26-35.	1.4	11
3	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
4	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
5	Portable spectroscopic fast neutron probe and ^3He detector dead-time measurements. Progress in Nuclear Energy, 2016, 92, 15-21.	2.9	8
6	Voltage dependent pulse shape analysis of Geiger-Müller counter. Nuclear Engineering and Technology, 2019, 51, 1081-1090.	2.3	8
7	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
8	Experimental evaluation of the deadtime phenomenon for GM detector: deadtime dependence on operating voltages. Scientific Reports, 2020, 10, 19955.	3.3	4
9	Determination of plutonium and uranium content and burnup using six group delayed neutrons. Nuclear Engineering and Technology, 2019, 51, 943-948.	2.3	2
10	Reduced Shell Model Calculations of ^{111}Sb and ^{112}Sb . Chinese Physics Letters, 2007, 24, 1521-1524.	3.3	1
11	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
12	Delayed fast neutron as an indicator of burn-up for nuclear fuel elements. Nuclear Engineering and Technology, 2021, 53, 3127-3132.	2.3	1
13	Simultaneous experimental evaluation of pulse shape and deadtime phenomenon of GM detector. Scientific Reports, 2021, 11, 3320.	3.3	1
14	A new dead-time determination method for gamma-ray detectors using attenuation law. Nuclear Engineering and Technology, 2021, 53, 4093-4097.	2.3	0