

# Joanna Iwanowska-Hanke

## List of Publications by Year in descending order

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21  
papers

358  
citations

933447

10  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of GAGG:Ce scintillators with various Al-to-Ga ratio. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 772, 112-117.	1.6	66
2	Measurement of Compton edge position in low-Z scintillators. Radiation Measurements, 2010, 45, 605-607.	1.4	53
3	Characterization of Scintillators by Modern Photomultipliers – A New Source of Errors. IEEE Transactions on Nuclear Science, 2010, 57, 2886-2896.	2.0	46
4	Neutron/gamma discrimination properties of composite scintillation detectors. Journal of Instrumentation, 2011, 6, P07007-P07007.	1.2	35
5	Further Study of Boron-10 Loaded Liquid Scintillators for Detection of Fast and Thermal Neutrons. IEEE Transactions on Nuclear Science, 2010, 57, 375-380.	2.0	29
6	Properties of CdWO <sub>4</sub> and ZnWO <sub>4</sub> scintillators at liquid nitrogen temperature. Journal of Instrumentation, 2012, 7, P03011-P03011.	1.2	23
7	Energy resolution of CsI(Na) scintillators. Radiation Measurements, 2010, 45, 377-379.	1.4	22
8	Comparative study of large samples (2" Å– 2") plastic scintillators and EJ309 liquid with pulse shape discrimination (PSD) capabilities. Journal of Instrumentation, 2014, 9, P06014-P06014.	1.2	22
9	CaF <sub>2</sub> (Eu): an "old" scintillator revisited. Journal of Instrumentation, 2013, 8, P06010-P06010.	1.2	14
10	Liquid scintillators and composites in fast neutron detection. Journal of Instrumentation, 2012, 7, C04004-C04004.	1.2	13
11	Comparison of Neutron Detection Efficiency of a He-3 Counter and a Boron-10 Loaded Liquid Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 2857-2861.	2.0	6
12	C-BORD - an overview of efficient toolbox for high-volume freight inspection. , 2017, , .		5
13	Commissioning and Field Tests of a Van-Mounted System for the Detection of Radioactive Sources and Special Nuclear Material. IEEE Transactions on Nuclear Science, 2016, 63, 1314-1322.	2.0	4
14	New perspectives for undoped CaF <sub>2</sub> scintillator as a threshold activation neutron detector. EPJ Web of Conferences, 2018, 170, 07012.	0.3	4
15	Verification of threshold activation detection (TAD) technique in prompt fission neutron detection using scintillators containing <sup>19</sup> F. Journal of Instrumentation, 2015, 10, T09005-T09005.	1.2	4
16	Common approach to study scintillators response to gamma-rays and protons. , 2014, , .		3
17	Scintillation response of Xe gas studied by gamma-ray absorption and Compton electrons. Journal of Instrumentation, 2015, 10, P07003-P07003.	1.2	3
18	Cerium-doped gadolinium fine aluminum gallate in scintillation spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164464.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Investigation of the Properties of ${}^3\text{Primes}$ Different Scintillation Detectors for Neutron Activation Analysis Techniques. IEEE Transactions on Nuclear Science, 2012, 59, 230-235.	2.0	2
20	Temperature Dependence on Scintillation Properties of La-GPS(Ce). , 2017, , .		1
21	Gamma spectrometer based on $\text{CeBr}_3$ scintillator with compton suppression for identification of trace activities in water. , 2015, , .		0