

Soo Hyun Byun

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

76
citations

1937685

4
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and First Test of a Microdosimetric Detector Based on a Thick Gas Electron Multiplier. IEEE Transactions on Nuclear Science, 2009, 56, 1108-1113.	2.0	22
2	^{23}Na Detector Array for In Vivo Neutron Activation Analysis. IEEE Transactions on Nuclear Science, 2006, 53, 2944-2947.	2.0	17
3	A data acquisition system for two-dimensional position sensitive micropattern gas detectors with delay-line readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 780, 33-39.	1.6	10
4	A Pilot Study Measuring Aluminum in Bone in Alzheimer's Disease and control Subjects Using in vivo Neutron Activation Analysis. Journal of Alzheimer's Disease, 2016, 53, 933-942.	2.6	9
5	Development of an advanced two-dimensional microdosimetric detector based on Thick Gas Electron Multipliers. Medical Physics, 2018, 45, 1241-1254.	3.0	5
6	Quantification of pure beta spectra in mixed beta gamma fields as part of eye lens dosimetry at CANDU power plants. Applied Radiation and Isotopes, 2021, 174, 109746.	1.5	4
7	Development of a thick gas electron multiplier-based beta-ray detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 991, 166175.	1.6	3
8	Eye lens dosimetry in Canadian CANDU nuclear power plants based on operational dosimetric quantities $H_p(10)$ and $H_p(0.07)$. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166175.	1.5	3
9	Feasibility of gadolinium oxide paint as neutron shielding. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166175.	1.6	3
10	^{23}Na detector array for in vivo neutron activation analysis. , 0, , .		0