Soo Hyun Byun

List of Publications by Year
in descending order

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	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
2	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
3	Eye lens dosimetry in Canadian CANDU nuclear power plants based on operational dosimetric quantities H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1219" altimg="si24.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:msub></mml:math>(10) and H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1227" altimg="si24.svg"><mml:msub><mml:mrow	1.5	3
4	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, 2020, 954, 161531.	1.6	3
5	Development of an advanced twoâ€dimensional microdosimetric detector based on <scp>TH</scp>ick Gas Electron Multipliers. Medical Physics, 2018, 45, 1241-1254.	3.0	5
6	A Pilot Study Measuring Aluminum in Bone in Alzheimerâ€™s Disease and control Subjects Using in vivo Neutron Activation Analysis. Journal of Alzheimer's Disease, 2016, 53, 933-942.	2.6	9
7	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
8	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
9	$4 pi$NaI(Tl) Detector Array for In Vivo Neutron Activation Analysis. IEEE Transactions on Nuclear Science, 2006, 53, 2944-2947.	2.0	17
10	4Ï€ NaI(Tl) detector array for in vivo neutron activation analysis. , 0, , .		0