

# Soo Hyun Byun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12164440/publications.pdf>

Version: 2024-02-01

7  
papers

113  
citations

1937685

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1720034

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g-index

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7  
docs citations

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times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenerational effects of historic radiation dose in pale grass blue butterflies around Fukushima following the Fukushima Dai-ichi Nuclear Power Plant meltdown accident. <i>Environmental Research</i> , 2019, 168, 230-240.	7.5	40
2	Simulation and First Test of a Microdosimetric Detector Based on a Thick Gas Electron Multiplier. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 1108-1113.	2.0	22
3	Effects of historic radiation dose on the frequency of sex-linked recessive lethals in <i>Drosophila</i> populations following the Chernobyl nuclear accident. <i>Environmental Research</i> , 2019, 172, 333-337.	7.5	22
4	One-Decade-Spanning transgenerational effects of historic radiation dose in wild populations of bank voles exposed to radioactive contamination following the chernobyl nuclear disaster. <i>Environmental Research</i> , 2020, 180, 108816.	7.5	18
5	Development of an advanced two-dimensional microdosimetric detector based on Thick Gas Electron Multipliers. <i>Medical Physics</i> , 2018, 45, 1241-1254.	3.0	5
6	Development of a compact and cost effective multi-input digital signal processing system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 879, 13-18.	1.6	4
7	Isolation of the effects of alpha-related components from total effects of radium at low doses. <i>International Journal of Radiation Biology</i> , 2022, 98, 1168-1175.	1.8	2