

# Hongyu Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12006284/publications.pdf>

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7  
papers

81  
citations

1684188

5  
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1872680

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g-index

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7  
docs citations

7  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	A parameter sensitivity study for simulating DNA damage after proton irradiation using TOPAS-nBio. <i>Physics in Medicine and Biology</i> , 2020, 65, 085015.	3.0	31
2	The microdosimetric extension in TOPAS: development and comparison with published data. <i>Physics in Medicine and Biology</i> , 2019, 64, 145004.	3.0	26
3	Novel superabsorbent polymer-grafted tea polyphenol composite inhibitor for the prevention of coal spontaneous combustion. <i>Fire and Materials</i> , 2020, 44, 975-988.	2.0	7
4	ESTABLISHMENT OF DETAILED EYE MODEL OF ADULT CHINESE MALE AND DOSE CONVERSION COEFFICIENTS CALCULATION UNDER NEUTRON EXPOSURE. <i>Radiation Protection Dosimetry</i> , 2017, 177, 295-301.	0.8	6
5	Versatility of CoPcS in CoPcS/TiO <sub>2</sub> for MB degradation: photosensitization, charge separation and oxygen activation. <i>RSC Advances</i> , 2018, 8, 36596-36603.	3.6	6
6	Establishment of detailed respiratory tract model and Monte Carlo simulation of radon progeny caused dose. <i>Journal of Radiological Protection</i> , 2018, 38, 990-1012.	1.1	5
7	Multi-scale Dosimetry with Multi-scale Chinese Reference Phantoms. , 2018, , .		0