

# Jonathan Wilson

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

357  
citations

933447

10  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma-ray spectroscopy of fission fragments with state-of-the-art techniques. Rivista Del Nuovo Cimento, 2022, 45, 461-547. Total absorption $\gamma$ -ray spectroscopy of the $\text{I}^{137}$ decays of	5.7	8
2	Angular momentum generation in nuclear fission. Nature, 2021, 590, 566-570.	2.9	5
3	Spectroscopy and lifetime measurements in $\text{Te}$	27.8	57
4	Isotopes and implications for the nuclear structure beyond $\text{I}^{138}$	2.9	8
5	from $\text{Pu}$	2.9	4
6	First lifetime investigations of $\text{N}$ iodine isotopes: The quest for collectivity. Physical Review C, 2021, 104, .	2.9	2
7	Determination of $\text{I}^{137}$ -decay ground state feeding of nuclei of importance for reactor applications. Physical Review C, 2020, 102, .	2.9	6
8	Prompt $\gamma$ -ray characteristics from $^{235}\text{U}(n, f)$ at $\overline{E}_n = 1.7\text{ MeV}$ . European Physical Journal A, 2020, 56, 1.	2.5	3
9	Potential of prompt $\gamma$ -ray emission studies in fast-neutron induced fission: a first step. European Physical Journal A, 2020, 56, 1.	2.5	3
10	Half-life measurements in $\text{Dy}$ using $\text{I}^{137}$	2.9	8
11	$\text{I}^{137}$ -ray spectroscopy of the $\text{I}^{137}$ -delayed neutron emitters	2.9	8
12	Boutique neutrons advance $^{40}\text{Ar}$ / $^{39}\text{Ar}$ geochronology. Science Advances, 2019, 5, eaaw5526.	10.3	5
13	Consequences of broken axial symmetry in heavy nuclei – an overview of the situation in the valley of stability. Physica Scripta, 2019, 94, 014008.	2.5	3
14	Neutron-rich isotopes from $^{238}\text{U}(n, f)$ and $^{232}\text{Th}(n, f)$ studied with the $\text{I}^{1/2}$ -ball spectrometer coupled to the LICORNE neutron source. EPJ Web of Conferences, 2018, 193, 04010.	0.3	1
15	Statistical study of the prompt fission $\text{I}^{137}$ -ray spectrum for $\text{U}$		

#	ARTICLE	IF	CITATIONS
19	Investigation of the $\gamma$ -ray emission from fast-neutron-induced fission of $^{235}\text{U}$ . European Physical Journal A, 2015, 51, 1.	7.8	30
20	Investigation of the $\gamma$ -ray emission from fast-neutron-induced fission of $^{235}\text{U}$ . European Physical Journal A, 2015, 51, 1.		1
21	Comparative measurement of prompt fission $\gamma$ -ray emission from fast-neutron-induced fission of $^{235}\text{U}$ and $^{238}\text{U}$ . Physical Review C, 2013, 88, .	2.9	35
22	Future research program on prompt $\gamma$ -ray emission in nuclear fission. European Physical Journal A, 2015, 51, 1.	2.9	26
23	Future research program on prompt $\gamma$ -ray emission in nuclear fission. European Physical Journal A, 2015, 51, 1.	2.5	22
24	Constant-temperature level densities in the quasicontinuum of Th and U isotopes. Physical Review C, 2013, 88, .	2.9	54
25	Indirect $(n, \hat{1}^3)$ cross sections of thorium cycle nuclei using the surrogate method. Physical Review C, 2012, 85, .	2.9	16