

# Ahmed Azzam

## List of Publications by Year in descending order

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13  
papers

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citations

1937685

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1474206

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Nuclear reaction data for medical and industrial applications: recent contributions by Egyptian cyclotron group. <i>Radiochimica Acta</i> , 2022, 110, 675-688.	1.2	1
2	Cross section empirical formulation for (n, 2n) nuclear reactions on natural isotopes from Z= 21 to Z= 79 for neutron energy range, 8â€“20MeV. <i>Applied Radiation and Isotopes</i> , 2022, 187, 110341.	1.5	2
3	New empirical formulae for (n, p) reaction cross sections on stable isotopes from Z= 21 to Z= 51 for energies up to 20MeV. <i>Applied Radiation and Isotopes</i> , 2021, 178, 109976.	1.5	3
4	Comparative study and TALYS 1.6 code calculations for the excitation functions of P and $\hat{\pm}$ -induced reactions on Bi target with special attention to the medical radioisotope $^{211}\text{At}$ . <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	1
5	$\alpha$ $\hat{\pm}$ -particle and deuteron induced reactions on $^{89}\text{Y}$ : Cross section measurements and theoretical investigation. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	2
6	Excitation functions and yield measurements for Proton Induced Reactions in Stainless Steel: Special relevance to Proton Activation Analysis. <i>Applied Radiation and Isotopes</i> , 2019, 151, 166-170.	1.5	3
7	Determination of concentrations of Fe, Mg, and Zn in some ferrite samples using neutron activation analysis and X-ray fluorescence techniques. <i>Applied Radiation and Isotopes</i> , 2017, 122, 63-67.	1.5	3
8	Investigation of selenium compounds as targets for $^{76,77}\text{Br}$ production using protons of energies up to 34 MeV. <i>Radiochimica Acta</i> , 2017, 105, 841-850.	1.2	8
9	Comparative study on the production of $^{68}\text{Ga}$ from proton induced reactions on different targets: Evaluation of experimental data and model calculations. <i>Radiochimica Acta</i> , 2015, 103, 109-116.	1.2	3
10	Evaluation of different production routes for the radio medical isotope $^{203}\text{Pb}$ using TALYS 1.4 and EMPIRE 3.1 code calculations. <i>Applied Radiation and Isotopes</i> , 2014, 91, 109-113.	1.5	13
11	Activation cross-section measurements of some proton induced reactions on Ni, Co and Mo for proton activation analysis (PAA) purposes. <i>Radiochimica Acta</i> , 2011, 99, 763-770.	1.2	12
12	Excitation functions of proton induced nuclear reactions on natural copper using a medium-sized cyclotron. <i>Radiochimica Acta</i> , 2006, 94, 391-396.	1.2	24
13	Integrated pollutant concentration distribution over area surrounding elevated point source. <i>Theoretical and Applied Climatology</i> , 1996, 54, 213-216.	2.8	0