

# M Shuza Uddin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1966374/publications.pdf>

Version: 2024-02-01

40  
papers

531  
citations

623734

14  
h-index

677142

22  
g-index

40  
all docs

40  
docs citations

40  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Positron Emission Intensity in the Decay of $^{86}\text{gY}$ for Use in Dosimetry Studies. <i>Molecules</i> , 2022, 27, 768.	3.8	4
2	An overview of activation cross-section measurements of some neutron and charged-particle induced reactions in Bangladesh. <i>Radiochimica Acta</i> , 2022, .	1.2	0
3	Excitation functions of some deuteron-induced nuclear reactions on Al. <i>Radiochimica Acta</i> , 2021, 109, 727-733.	1.2	2
4	Integral measurement of spectrum-averaged cross sections of a few threshold reactions induced by fast neutrons of a TRIGA reactor: comparison with integrated data from excitation functions given in various data libraries. <i>Radiochimica Acta</i> , 2020, 108, 511-516.	1.2	2
5	Accurate determination of production data of the non-standard positron emitter $^{86}\text{Y}$ via the $^{86}\text{Sr}(p,n)$ -reaction. <i>Radiochimica Acta</i> , 2020, 108, 747-756.	1.2	14
6	Efficiency calibration of $^{13}\text{Bq}$ $\gamma$ -ray detector for extended sources. <i>Pramana - Journal of Physics</i> , 2019, 92, 1.	1.8	8
7	Measurements of excitation functions of $\alpha$ -particle induced reactions on $^{61}\text{Ni}$ : possibility of production of the medical isotopes $^{61}\text{Cu}$ and $^{67}\text{Cu}$ . <i>Radiochimica Acta</i> , 2018, 106, 87-93.	1.2	6
8	Production routes of $^{107}\text{Cd}$ , $^{109}\text{Cd}$ radioisotopes via charged particle induced nuclear reactions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1949-1966.	1.5	2
9	Excitation functions of $^{93}\text{Nb}(p,x)$ reactions from threshold to 42.5 MeV. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 1021-1031.	1.5	2
10	Excitation functions of proton induced nuclear reactions on $^{56}\text{Fe}$ up to 16 MeV, with emphasis on radiochemical determination of low cross sections. <i>Radiochimica Acta</i> , 2017, 105, 985-992.	1.2	2
11	Activation cross sections of proton induced nuclear reactions on palladium up to 80 MeV. <i>Applied Radiation and Isotopes</i> , 2016, 114, 128-144.	1.5	17
12	Experimental determination of proton induced reaction cross sections on $^{60}\text{Ni}$ near threshold energy. <i>Radiochimica Acta</i> , 2016, 104, 305-314.	1.2	35
13	Ion-exchange separation of radioiodine and its application to production of $^{124}\text{I}$ by alpha particle induced reactions on antimony. <i>Radiochimica Acta</i> , 2015, 103, 587-593.	1.2	7
14	Measurement of cross section of the $^{98}\text{Mo}(n,\gamma)^{99}\text{Mo}$ reaction using monochromatic thermal neutrons. <i>Radiochimica Acta</i> , 2015, 103, 85-90.	1.2	9
15	Integral cross section measurements of a few threshold reactions induced by Am/Be neutrons. <i>Radiochimica Acta</i> , 2015, 103, 329-334.	1.2	5
16	Measurement of cross-section for the $^{139}\text{La}(n,\gamma)^{140}\text{La}$ reaction using reflected neutron beam at 0.0334 eV energy. <i>Nuclear Technology and Radiation Protection</i> , 2015, 30, 267-272.	0.8	2
17	Experimental cross section for the $^{152}\text{Sm}(n,\gamma)^{153}\text{Sm}$ reaction at 0.0334 eV. <i>Radiochimica Acta</i> , 2014, 102, 583-588.	1.2	1
18	Investigation of elemental and radiological contamination of soils in two shipyards in Chittagong, Bangladesh. <i>Radiochimica Acta</i> , 2014, 102, 741-749.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Radiochemical measurement of neutron-spectrum averaged cross sections for the formation of $^{64}\text{Cu}$ and $^{67}\text{Cu}$ via the $(n,p)$ reaction at a TRIGA Mark-II reactor: Feasibility of simultaneous production of the theragnostic pair $^{64}\text{Cu}/^{67}\text{Cu}$ . <i>Radiochimica Acta</i> , 2014, 102, 473-480.	1.2	16
20	Activation cross sections of $\hat{1}\pm$ -particle induced nuclear reactions on hafnium and deuteron induced nuclear reaction on tantalum: Production of $^{178}\text{W}/^{178}\text{mTa}$ generator. <i>Applied Radiation and Isotopes</i> , 2014, 91, 114-125.	1.5	10
21	Cross section measurements of a few threshold reactions induced by fast neutrons from an Am/Be source: integral tests of differential neutron reaction cross section data. <i>Radiochimica Acta</i> , 2013, 101, 205-210.	1.2	4
22	Excitation functions of $\hat{1}\pm$ -particle induced reactions on enriched $^{123}\text{Sb}$ and $\text{natSb}$ for production of $^{124}\text{I}$ . <i>Applied Radiation and Isotopes</i> , 2011, 69, 699-704.	1.5	34
23	Small scale production of high purity $^{193}\text{mPt}$ by the $^{192}\text{Os}(\hat{1}\pm, \beta^{-}\text{TM}^3\text{n})$ -process. <i>Radiochimica Acta</i> , 2011, 99, 131-135.	1.2	10
24	An Am/Be neutron source and its use in integral tests of differential neutron reaction cross-section data. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1656-1661.	1.5	8
25	Radiochemical determination of cross sections of $\hat{1}\pm$ -particle induced reactions on $^{192}\text{Os}$ for the production of the therapeutic radionuclide $^{193}\text{mPt}$ . <i>Applied Radiation and Isotopes</i> , 2010, 68, 2001-2006.	1.5	26
26	Determination of Toxic Trace Elements in Foodstuffs, Soils and Sediments of Bangladesh Using Instrumental Neutron Activation Analysis Technique. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 384-388.	2.7	14
27	Measurements of neutron induced activation of concrete at 64.5MeV. <i>Annals of Nuclear Energy</i> , 2009, 36, 1133-1137.	1.8	6
28	New cross-sections for production of $^{103}\text{Pd}$ ; review of charged particle production routes. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1574-1581.	1.5	22
29	Investigation of excitation functions of deuteron induced nuclear reactions on lead. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 276, 835-841.	1.5	6
30	Proton-induced activation cross-sections of the short-lived radionuclides formation on molybdenum. <i>Applied Radiation and Isotopes</i> , 2008, 66, 208-214.	1.5	17
31	Neutron capture cross-section measurement for the $^{186}\text{W}(n,\hat{1}^3)^{187}\text{W}$ reaction at 0.0536eV energy. <i>Applied Radiation and Isotopes</i> , 2008, 66, 1235-1239.	1.5	15
32	Measurement of the Proton-induced Reaction Cross-sections of $\text{natZr}(p,xn)^{86,87\text{m},87(\text{m}+\text{g}),88\text{Y}}$ up to 40 MeV. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 241-244.	1.3	2
33	Production Cross-Sections of $^{186}\text{Re}$ Radionuclide from the Proton Bombardment on Natural Tungsten. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 139-142.	1.3	0
34	Experimental determination of deuteron-induced activation cross sections of yttrium. <i>Radiochimica Acta</i> , 2007, 95, 187-192.	1.2	20
35	Measurement of activation cross sections of the proton induced nuclear reactions on palladium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 231-235.	1.5	20
36	Experimental studies of the deuteron-induced activation cross-sections on $\text{natAg}$ . <i>Applied Radiation and Isotopes</i> , 2006, 64, 1013-1019.	1.5	8

#	ARTICLE	IF	CITATIONS
37	Experimental studies on excitation functions of the proton-induced activation reactions on silver. Applied Radiation and Isotopes, 2005, 62, 533-540.	1.5	33
38	Activation cross-sections of long-lived products of proton-induced nuclear reactions on zinc. Applied Radiation and Isotopes, 2005, 62, 73-81.	1.5	27
39	Experimental studies on excitation functions of the proton-induced activation reactions on yttrium. Applied Radiation and Isotopes, 2005, 63, 367-374.	1.5	44
40	Experimental studies on the proton-induced activation reactions of molybdenum in the energy range 22â€“67MeV. Applied Radiation and Isotopes, 2004, 60, 911-920.	1.5	61