

M Shuza Uddin

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

531
citations

623734

14
h-index

677142

22
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40
all docs

40
docs citations

40
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental studies on the proton-induced activation reactions of molybdenum in the energy range 22–67 MeV. <i>Applied Radiation and Isotopes</i> , 2004, 60, 911-920.	1.5	61
2	Experimental studies on excitation functions of the proton-induced activation reactions on yttrium. <i>Applied Radiation and Isotopes</i> , 2005, 63, 367-374.	1.5	44
3	Experimental determination of proton induced reaction cross sections on ^{nat}Ni near threshold energy. <i>Radiochimica Acta</i> , 2016, 104, 305-314.	1.2	35
4	Excitation functions of $\hat{\pm}$ -particle induced reactions on enriched ^{123}Sb and ^{nat}Sb for production of ^{124}I . <i>Applied Radiation and Isotopes</i> , 2011, 69, 699-704.	1.5	34
5	Experimental studies on excitation functions of the proton-induced activation reactions on silver. <i>Applied Radiation and Isotopes</i> , 2005, 62, 533-540.	1.5	33
6	Activation cross-sections of long-lived products of proton-induced nuclear reactions on zinc. <i>Applied Radiation and Isotopes</i> , 2005, 62, 73-81.	1.5	27
7	Radiochemical determination of cross sections of $\hat{\pm}$ -particle induced reactions on ^{192}Os for the production of the therapeutic radionuclide $^{193\text{m}}\text{Pt}$. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2001-2006.	1.5	26
8	New cross-sections for production of ^{103}Pd ; review of charged particle production routes. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1574-1581.	1.5	22
9	Experimental determination of deuteron-induced activation cross sections of yttrium. <i>Radiochimica Acta</i> , 2007, 95, 187-192.	1.2	20
10	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
11	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
12	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
13	Radiochemical measurement of neutron-spectrum averaged cross sections for the formation of ^{64}Cu and ^{67}Cu via the $(n, \hat{\pm})$ 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
14	Neutron capture cross-section measurement for the $^{186}\text{W}(n, \hat{\pm})^{187}\text{W}$ reaction at 0.0536 eV energy. <i>Applied Radiation and Isotopes</i> , 2008, 66, 1235-1239.	1.5	15
15	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
16	Accurate determination of production data of the non-standard positron emitter ^{86}Y via the $^{86}\text{Sr}(p, n)$ -reaction. <i>Radiochimica Acta</i> , 2020, 108, 747-756.	1.2	14
17	Small scale production of high purity $^{193\text{m}}\text{Pt}$ by the $^{192}\text{Os}(\hat{\pm}, \beta^{\text{TM}}n)$ -process. <i>Radiochimica Acta</i> , 2011, 99, 131-135.	1.2	10
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

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19	Activation cross sections of \hat{I}_{\pm} -particle induced nuclear reactions on hafnium and deuteron induced nuclear reaction on tantalum: Production of $^{178}\text{W}/^{178\text{m}}\text{Ta}$ generator. Applied Radiation and Isotopes, 2014, 91, 114-125.	1.5	10
20	Measurement of cross section of the $^{98}\text{Mo}(n, \hat{I}_{\pm})^{99}\text{Mo}$ reaction using monochromatic thermal neutrons. Radiochimica Acta, 2015, 103, 85-90.	1.2	9
21	Experimental studies of the deuteron-induced activation cross-sections on natAg. Applied Radiation and Isotopes, 2006, 64, 1013-1019.	1.5	8
22	An Am/Be neutron source and its use in integral tests of differential neutron reaction cross-section data. Applied Radiation and Isotopes, 2010, 68, 1656-1661.	1.5	8
23	Efficiency calibration of \hat{I}_{\pm} -ray detector for extended sources. Pramana - Journal of Physics, 2019, 92, 1.	1.8	8
24	Ion-exchange separation of radioiodine and its application to production of ^{124}I by alpha particle induced reactions on antimony. Radiochimica Acta, 2015, 103, 587-593.	1.2	7
25	Investigation of excitation functions of deuteron induced nuclear reactions on lead. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 835-841.	1.5	6
26	Measurements of neutron induced activation of concrete at 64.5MeV. Annals of Nuclear Energy, 2009, 36, 1133-1137.	1.8	6
27	Measurements of excitation functions of \hat{I}_{\pm} -particle induced reactions on ^{nat}Ni : possibility of production of the medical isotopes ^{61}Cu and ^{67}Cu . Radiochimica Acta, 2018, 106, 87-93.	1.2	6
28	Integral cross section measurements of a few threshold reactions induced by Am/Be neutrons. Radiochimica Acta, 2015, 103, 329-334.	1.2	5
29	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. Radiochimica Acta, 2013, 101, 205-210.	1.2	4
30	Positron Emission Intensity in the Decay of ^{86}Y for Use in Dosimetry Studies. Molecules, 2022, 27, 768.	3.8	4
31	Measurement of the Proton-induced Reaction Cross-sections of natZr(p,xn) $^{86,87\text{m},87(\text{m}+\text{g}),88\text{Y}}$ up to 40 MeV. Journal of Nuclear Science and Technology, 2008, 45, 241-244.	1.3	2
32	Excitation functions of proton induced nuclear reactions on ^{nat}Fe up to 16 MeV, with emphasis on radiochemical determination of low cross sections. Radiochimica Acta, 2017, 105, 985-992.	1.2	2
33	Production routes of $^{107,109}\text{Cd}$ radioisotopes via charged particle induced nuclear reactions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1949-1966.	1.5	2
34	Excitation functions of $^{93}\text{Nb}(p,x)$ reactions from threshold to 42.5 MeV. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1021-1031.	1.5	2
35	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. Radiochimica Acta, 2020, 108, 511-516.	1.2	2
36	Excitation functions of some deuteron-induced nuclear reactions on Al. Radiochimica Acta, 2021, 109, 727-733.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Measurement of cross-section for the $^{139}\text{La}(n, \hat{1}^3)^{140}\text{La}$ reaction using reflected neutron beam at 0.0334 eV energy. Nuclear Technology and Radiation Protection, 2015, 30, 267-272.	0.8	2
38	Experimental cross section for the $^{152}\text{Sm}(n, \hat{1}^3)^{153}\text{Sm}$ reaction at 0.0334 eV. Radiochimica Acta, 2014, 102, 583-588.	1.2	1
39	Production Cross-Sections of ^{186}Re Radionuclide from the Proton Bombardment on Natural Tungsten. Journal of Nuclear Science and Technology, 2008, 45, 139-142.	1.3	0
40	An overview of activation cross-section measurements of some neutron and charged-particle induced reactions in Bangladesh. Radiochimica Acta, 2022, .	1.2	0