Hasan Ã–zdoÄan

List of Publications by Year
in descending order

34	413	687335 13	888047 17
papers	citations	h-index	g-index

34	34	34	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of gamma strength functions and level density models effects on photon induced reaction crossâ€“section calculations for the fusion structural materials 46,50Ti, 51V, 58Ni and 63Cu. Applied Radiation and Isotopes, 2019, 143, 6-10.	1.5	33
2	Investigation of level density parameter effects on (p,n) and (p,2n) reaction crossâ€“sections for the fusion structural materials 48Ti, 63Cu and 90Zr. Applied Radiation and Isotopes, 2018, 140, 29-34.	1.5	32
3	Investigation of the effects of different composite materials on neutron contamination caused by medical LINAC / Untersuchung der Auswirkungen verschiedener Verbundmaterialien auf die Neutronenkontamination durch medizinische LINAC. Kerntechnik, 2020, 85, 401-407.	0.2	24
4	An investigation of effects of level density models and gamma ray strength functions on cross-section calculations for the production of ⁹⁰Y, ¹⁵³Sm, ¹⁶⁹Er, ¹⁷⁷Lu and ¹⁸⁶Re therapeutic radioisotopes via (n,Î³) reactions. Radiochimica Acta, 2019, 108, 11-17.	1.2	23
5	Photon Induced Reaction Cross-Section Calculations of Several Structural Fusion Materials. Journal of Fusion Energy, 2017, 36, 213-217.	1.2	21
6	Investigation on the Different Production Routes of 67Ga Radioisotope by Using Different Level Density Models. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	21
7	Theoretical calculations of production crossâ€“sections for the 201Pb, 111In 18F and 11C radioisotopes at proton induced reactions. Applied Radiation and Isotopes, 2019, 143, 1-5.	1.5	19
8	Photo-neutron cross-section calculations of 54,56Fe, 90,91,92,94Zr, 93Nb and 107Ag Isotopes with newly obtained Giant Dipole Resonance parameters. Applied Radiation and Isotopes, 2020, 165, 109356.	1.5	19
9	Photo-neutron Cross Section Calculations of Several Structural Fusion Materials. Journal of Fusion Energy, 2013, 32, 344-349.	1.2	18
10	Level density model effects on the production cross-section calculations of some medical isotopes via (Î±, xn) reactions wherex= 1â€“3. Modern Physics Letters A, 2020, 35, 2050202.	1.2	18
11	Estimations of level density parameters by using artificial neural network for phenomenological level density models. Applied Radiation and Isotopes, 2021, 169, 109583.	1.5	18
12	Estimation of (n,p) reaction cross sections at 14.5Â<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mo linebreak="goodbreak" linebreakstyle="after">â^“</mml:mo><mml:mspace width="0.25em" /><mml:mn>0.5</mml:mn></mml:mrow></mml:math> MeV neutron energy by using artificial neural network. Applied Radiation and Isotopes, 2021, 170, 109584.	1.5	17
13	Theoretical photoneutron cross-section calculations on Osmium isotopes by Talys and Empire codes. Modern Physics Letters A, 2019, 34, 1950210.	1.2	16
14	Computations of (Î±,xn) Reaction Cross-Section for 107,109Ag Coated Materials with Possible Application in Accelerators and Nuclear Systems. Journal of Fusion Energy, 2016, 35, 715-723.	1.2	14
15	(Î³,2n) Reaction Cross Section Calculations on Several Structural Fusion Materials. Journal of Fusion Energy, 2013, 32, 431-436.	1.2	13
16	(Î³, 2n)-Reaction cross-section calculations of several even-even lanthanide nuclei using different level density models. Physics of Atomic Nuclei, 2015, 78, 53-64.	0.4	13
17	A new developed semi-empirical formula for the (Î±,p) reaction cross-section at 19Â±1 MeV. Modern Physics Letters A, 2019, 34, 1950044.	1.2	13
18	Estimations of giant dipole resonance parameters using artificial neural network. Applied Radiation and Isotopes, 2021, 169, 109581.	1.5	13

#	Article	IF	Citations
19	Deuteron-Induced Cross Section Calculations of Some Structural Fusion Materials. Journal of Fusion Energy, 2013, 32, 97-102.	1.2	11
20	A study on the estimations of (n,t) reaction cross-sections at 14.5 MeV by using artificial neural network. Modern Physics Letters A, 2021, 36, 2150168.	1.2	9
21	Photo-neutron cross-section calculations of 142,143,144,145,146,150Nd rare-earth isotopes for (Î³, n) reaction. Physics of Atomic Nuclei, 2014, 77, 1371-1377.	0.4	8
22	Neutron Production Cross-Section and Geant4 Calculations of the Structural Fusion Material 59Co for (Î±,xn) and (Î³,xn) Reactions. Journal of Fusion Energy, 2015, 34, 636-641.	1.2	7
23	Effects of deuteron optical models on the cross-section calculations of deuteron induced reactions on natural germanium. Applied Radiation and Isotopes, 2021, 176, 109875.	1.5	6
24	Astrophysical $$oldsymbol{S}$$-Factor Calculations under the Effects of Gamma-Ray Strength Functions for Some Alpha Capture Reactions. Moscow University Physics Bulletin (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 650 537 Td	0.4	6
25	(3He,xn) Reaction Cross-Section Calculations for the Structural Fusion Material 181Ta in the Energy Range of 14â€“75 MeV. Journal of Fusion Energy, 2014, 33, 510-515.	1.2	5
26	Reaction Cross-Section, Stopping Power and Penetrating Distance Calculations for the Structural Fusion Material 54Fe in Different Reactions. Journal of Fusion Energy, 2015, 34, 379-385.	1.2	5
27	Production cross-section calculations of ¹¹¹In via proton and alpha-induced nuclear reactions. Modern Physics Letters A, 2021, 36, 2150051.	1.2	4
28	Production crossâ€“section and reaction yield calculations for 123-126I isotopes on 123Sb(Î±,xn) reactions. Kuwait Journal of Science, 2021, 48, .	0.6	3
29	Calculations of GDR parameters for deformed nuclei using LogitBoost classifier and artificial neural network. Modern Physics Letters A, 2022, 37, .	1.2	2
30	Sulfur Dioxide Derivative Prevents the Prolongation of Action Potential During the Isoproterenol-Induced Hypertrophy of Rat Cardiomyocytes. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20201664.	0.8	1
31	Mamografi Sistemlerinde Ä°lgi AlanÄ±, TÃ¼rev ve Ä°nce Gruplama SeÃ§imlerinin ModÃ¼lasyon Transfer Fonksiyonunun Ãœzerine Etkileri. SDU Journal of Science, 0, , 23-35.	0.3	1
32	P135Sulfur dioxide derivative prevents isoproterenol induced electrophysiological alterations. Cardiovascular Research, 2014, 103, S23.5-S24.	3.8	0
33	Fission cross section calculations for209Bi target nucleus based on fission reaction models in high energy regions. EPJ Web of Conferences, 2015, 100, 01003.	0.3	0
34	206,207Pb(p,xn) Reaksiyonu Tesir Kesiti HesaplamalarÄ±na Seviye YoÄŸunluÄŸu Modellerinin Etkilerinin Ä°ncelenmesi. SDU Journal of Science, 0, , 157-168.	0.3	0