

Betül Aşetin

List of Publications by Year in descending order

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50
papers

1,534
citations

687363

13
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Boraboy Lake from Amasya Turkey: natural radioactivity and heavy metal content in water, sediment, and soil. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	5
2	Determination of natural radioactivity levels in soil and travertine of the region of Tokat and Sivas, Turkey. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	2
3	Radiation shielding properties of concretes including quiclime (CaO). AIP Conference Proceedings, 2017, , .	0.4	2
4	Theoretical cross section calculations of medical ^{13}N and ^{18}F radioisotope using alpha induced reaction. AIP Conference Proceedings, 2017, , .	0.4	1
5	Theoretical Photoneutron Cross Sections and the Effect of Gamma Strength Functions for W, Ag, Nb. Acta Physica Polonica A, 2017, 132, 1076-1079.	0.5	4
6	Calculations of Double Differential Cross Sections on ^{56}Fe , ^{63}Cu and ^{90}Zr Neutron Emission in Proton Induced Reactions. Acta Physica Polonica A, 2017, 132, 1181-1185.	0.5	3
7	Assessments of Natural Radioactivity Concentration and Radiological Hazard Indices in Surface Soils from the Gzlek Thermal SPA (Amasya-Turkey). Acta Physica Polonica A, 2017, 132, 1200-1202.	0.5	8
8	Radiation Shielding Properties of Mortars and Plasters Used in Historical Buildings. Acta Physica Polonica A, 2017, 132, 986-987.	0.5	3
9	Investigation of Radiation Shielding Properties of Soda-Lime-Silica Glasses Doped with Different Food Materials. Acta Physica Polonica A, 2017, 132, 988-990.	0.5	21
10	The Theoretical Production of In Isotopes by Insertion of Alpha Particles into Cd Nucleus. Acta Physica Polonica A, 2017, 132, 1080-1081.	0.5	0
11	Investigation of the excitation functions for some medical radioisotopes production. EPJ Web of Conferences, 2016, 128, 01003.	0.3	0
12	Theoretical Production of Radiopharmaceuticals Used in Mycardial Perfusion Scintigraphy. Acta Physica Polonica A, 2016, 130, 304-305.	0.5	3
13	Determination of the Natural Radioactivity Level of Amasya zehirli Region. Acta Physica Polonica A, 2016, 130, 309-310.	0.5	5
14	Theoretical Cross-Section Calculation of In-111, Tc-99m, Co-57 Radioisotopes Used for Kidney Imaging. Acta Physica Polonica A, 2016, 130, 311-312.	0.5	4
15	Determination of Radiation Attenuation Coefficients in Concretes Containing Different Wastes. Acta Physica Polonica A, 2016, 130, 316-317.	0.5	12
16	Calculation of the (p,n) Reaction Cross Section of Radionuclides Used for PET Applications. Acta Physica Polonica A, 2016, 130, 318-319.	0.5	6
17	Determination of Natural Radioactivity Concentrations in Surface Soils in the Yeilrmak River in Amasya, Turkey. Acta Physica Polonica A, 2016, 130, 320-321.	0.5	10
18	Investigation of Double Differential Cross Sections of (^{12}C ,p) Reaction for ^{12}C Nuclei. Acta Physica Polonica A, 2016, 130, 313-315.	0.5	5

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19	Natural Radioactivity and Radiation Hazards in Coals Extracted in Amasya, Turkey. Acta Physica Polonica A, 2015, 128, B-360-B-362.	0.5	6
20	Investigation of External Radiation Dose Changes in Some X-ray Applications. Acta Physica Polonica A, 2015, 128, B-365-B-367.	0.5	2
21	Investigation of Radiation Absorption Properties of Some India Granites. Acta Physica Polonica A, 2015, 128, B-370-B-372.	0.5	6
22	Determination of Gamma-ray Attenuation Coefficients at Different Energies in Amasya Marbles. Acta Physica Polonica A, 2015, 128, B-395-B-397.	0.5	5
23	Cross Sections Calculation of (\hat{I}^3 ,N) Reactions for Some Elements. Acta Physica Polonica A, 2015, 128, B-411-B-414.	0.5	5
24	Calculation of Gamma Strength Functions for Photonucleon Reactions. Acta Physica Polonica A, 2015, 128, B-414-B-417.	0.5	5
25	Investigation of Production Reaction Cross Section for ^{137}Cs Used in Radiotherapy. Acta Physica Polonica A, 2015, 128, B-363-B-364.	0.5	6
26	Variation of Photoneutron Cross Section with Mass Number. Acta Physica Polonica A, 2015, 128, B-409-B-411.	0.5	5
27	Activation cross sections for the (\hat{I}^3 ,n) reactions on zirconium isotopes. Annals of Nuclear Energy, 2014, 65, 181-183.	1.8	7
28	Shielding Property of Natural Biomass Against Gamma Rays. International Journal of Phytoremediation, 2014, 16, 247-256.	3.1	3
29	Activation cross section for the $^{125}\text{Te}(p,xn)$ reactions in 5.5â€“100.5MeV energy range. Annals of Nuclear Energy, 2013, 60, 341-343.	1.8	7
30	Photon Attenuation Coefficients of Iron Doped Clay at 662~keV. Acta Physica Polonica A, 2013, 123, 343-344.	0.5	3
31	Natural radioactivity concentration of peanuts in Osmaniye-Turkey. , 2012, , .		0
32	Radiation absorption properties of different plaster samples. , 2012, , .		0
33	Measurements of natural radionuclides in some soil samples from Amasya (Turkey). , 2012, , .		0
34	Experimental investigation of \hat{I}^3 -ray attenuation coefficients for granites. Annals of Nuclear Energy, 2012, 44, 22-25.	1.8	50
35	Chemical corrosion on gamma-ray attenuation properties of barite concrete. Journal of Saudi Chemical Society, 2012, 16, 199-202.	5.2	51
36	Determination of Some Heavyweight Aggregate Half Value Layer Thickness Used for Radiation Shielding. Acta Physica Polonica A, 2012, 121, 138-140.	0.5	40

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37	The Effect of Pumice Rate on the Gamma Absorption Parameters of Concrete. Acta Physica Polonica A, 2012, 121, 144-146.	0.5	8
38	The Concentrations of [⁴⁰ K], [²²⁶ Ra] and [²³² Th] in Soil Sample in Osmaniye (Turkey). , 2011, , .		0
39	Natural Radioactivity of Boron Added Clay Samples. , 2011, , .		2
40	Investigating Radiation Shielding Properties of Different Mineral Origin Heavyweight Concretes. AIP Conference Proceedings, 2011, , .	0.4	21
41	Photon attenuation coefficients of concrete includes barite in different rate. Annals of Nuclear Energy, 2010, 37, 910-914.	1.8	266
42	Radiation shielding of concrete containing zeolite. Radiation Measurements, 2010, 45, 827-830.	1.4	105
43	Natural radioactivity and radiation hazards in some building materials used in Isparta, Turkey. Radiation Physics and Chemistry, 2010, 79, 933-937.	2.8	87
44	Gamma-ray shielding properties of concrete including barite at different energies. Progress in Nuclear Energy, 2010, 52, 620-623.	2.9	182
45	Investigation of radiation Shielding Properties of of Some Building Materials. AIP Conference Proceedings, 2007, , .	0.4	2
46	The properties of various igneous rocks for $\hat{\Gamma}$ -ray shielding. Construction and Building Materials, 2007, 21, 2078-2082.	7.2	33
47	The effect of freezing&thawing (F&T) cycles on the radiation shielding properties of concretes. Building and Environment, 2006, 41, 1070-1073.	6.9	14
48	Radiation shielding of concretes containing different aggregates. Cement and Concrete Composites, 2006, 28, 153-157.	10.7	260
49	Study on dependence of partial and total mass attenuation coefficients. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 94, 379-385.	2.3	98
50	The shielding of $\hat{\Gamma}$ -rays by concretes produced with barite. Progress in Nuclear Energy, 2005, 46, 1-11.	2.9	161