

Akbar Abbasi

List of Publications by Year in descending order

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42
papers

618
citations

623734

14
h-index

642732

23
g-index

43
all docs

43
docs citations

43
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation of gamma radiation dose rate and radon concentration due to granites used as building materials in Iran. <i>Radiation Protection Dosimetry</i> , 2013, 155, 335-342.	0.8	64
2	Heavy metals and natural radioactivity concentration in sediments of the Mediterranean Sea coast. <i>Marine Pollution Bulletin</i> , 2020, 154, 111041.	5.0	51
3	Natural radioactivity in granite stones used as building materials in Iran. <i>Radiation Protection Dosimetry</i> , 2012, 149, 321-326.	0.8	47
4	Radiation hazards and natural radioactivity levels in surface soil samples from dwelling areas of North Cyprus. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 203-210.	1.5	36
5	Baseline levels of natural radionuclides concentration in sediments East coastline of North Cyprus. <i>Marine Pollution Bulletin</i> , 2020, 161, 111793.	5.0	35
6	Potential activity of free and PLGA/PEG nanoencapsulated nasturtium officinale extract in inducing cytotoxicity and apoptosis in human lung carcinoma A549 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102256.	3.0	32
7	Natural radioactivity levels and radiological implications in the high natural radiation area of Wadi El Reddah, Egypt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 643-652.	1.5	31
8	Comparison of active and passive methods for radon exhalation from a high-exposure building material. <i>Radiation Protection Dosimetry</i> , 2013, 157, 570-574.	0.8	24
9	²¹⁰ Pb and ¹³⁷ Cs based techniques for the estimation of sediment chronologies and sediment rates in the Anzali Lagoon, Caspian Sea. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 319-330.	1.5	24
10	Gross alpha and beta exposure assessment due to intake of drinking water in Guilan, Iran. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1075-1081.	1.5	23
11	The anthropogenic radiotoxic element of ¹³⁷ Cs accumulate to biota in the Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2021, 164, 112043.	5.0	21
12	Distribution of natural and anthropogenic radionuclides and associated radiation indices in the Southwestern coastline of Caspian Sea. <i>Marine Pollution Bulletin</i> , 2022, 178, 113593.	5.0	20
13	Radiological risk assessment of natural radionuclides in the marine ecosystem of the northwest Mediterranean Sea. <i>International Journal of Radiation Biology</i> , 2022, 98, 205-211.	1.8	17
14	A review of the analytical methodology to determine Radium-226 and Radium-228 in drinking waters. <i>Radiochimica Acta</i> , 2018, 106, 819-829.	1.2	16
15	¹³⁷ Cs and ⁴⁰ K concentration ratios (CRs) in annual and perennial plants in the Caspian coast. <i>Marine Pollution Bulletin</i> , 2019, 146, 671-677.	5.0	16
16	Risk assessment due to various terrestrial radionuclides concentrations scenarios. <i>International Journal of Radiation Biology</i> , 2019, 95, 179-185.	1.8	15
17	Measurement of radium-226 concentration and dose calculation of drinking water samples in Guilan province of Iran. <i>International Journal of Radiation Research</i> , 2016, 14, 361-366.	0.4	14
18	¹³⁷ Cs distribution in the South Caspian region, transfer to biota and dose rate assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 576-590.	3.3	13

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19	Radiological impacts in the high-level natural radiation exposure area residents in the Ramsar, Iran. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	13
20	Modeling of lung cancer risk due to radon exhalation of granite stone in dwelling houses. <i>Journal of Cancer Research and Therapeutics</i> , 2017, 13, 208.	0.9	13
21	Measurement and Monte Carlo simulation of $\hat{\gamma}$ -ray dose rate in high-exposure building materials. <i>Nuclear Science and Techniques/Hewuli</i> , 2017, 28, 1.	3.4	11
22	Trace element concentration and Al/Fe ratio in sediments of the South East Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2021, 171, 112788.	5.0	11
23	Spatial distribution and health risk assessment in urban surface soils of Mediterranean Sea region, Cyprus Åsland. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	9
24	Levels of Radon and Granite Building Materials. , 0, , .		6
25	Analysis of uranium oxide fuel transmutation in VVER-1000 reactor using VISTA and WIMS-D4 codes. <i>Nuclear Engineering and Design</i> , 2018, 328, 115-120.	1.7	6
26	Some physicochemical parameters and ^{226}Ra concentration in groundwater samples of North Guilan, Iran. <i>Chemosphere</i> , 2020, 256, 127113.	8.2	6
27	Effect of human body position on gamma radiation dose rate from granite stones. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 933-939.	3.0	6
28	Calculation of radium-223 and actinium-225 $\hat{\gamma}$ -emitter radiopharmaceuticals dose rates in treatment of metastatic castration-resistant prostate cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 348.	0.9	6
29	WINDCATCHER VENTILATION COMPUTATION AND INDOOR ^{222}Rn CONCENTRATION IN TRADITIONAL ADOBE HOUSES. <i>Radiation Protection Dosimetry</i> , 2021, 197, 175-182.	0.8	6
30	Influences of COVID-19 pandemic lockdown on excess lifetime cancer risk value of natural radiation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1399-1406.	1.5	4
31	Effect of Au-197 nanoparticles along with Sm-153 radiopharmaceutical in prostate cancer from simulation method. <i>Journal of Cancer Research and Therapeutics</i> , 2019, 15, 42.	0.9	4
32	Estimation of cancer risk due to radiation exposure for some daily consumption of foods. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 64.	0.9	4
33	Strong coupling constant of vector bottomonium to the pseudoscalar and vector Bc mesons via QCD sum rules. <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	3
34	Uranium oxide fuel cycle analysis in VVER-1000 with VISTA simulation code. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
35	Fermions emission of linear dilaton black hole. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
36	Radon concentration in compressed natural gas and liquefied petroleum gas and its release range in residential houses. <i>Radiochimica Acta</i> , 2021, 109, 793-798.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Nuclear Radiation Monitoring in the Heterogeneous Internet of Things Era. , 2021, , 59-69.		1
38	Nuclear Fuel Transmutation. , 0, , .		1
39	Estimation of natural gas contribution in indoor ^{222}Rn concentration level in residential houses. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 805-810.	1.5	1
40	Modelling and calculation of risk due to radon concentration in residential houses, Nicosia, Cyprus. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1335-1341.	1.5	1
41	Better Security for Wireless Sensor Networks. , 2009, , .		0
42	Strong coupling constant of h_b vector to the pseudoscalar and vector B_c mesons in QCD sum rules. European Physical Journal C, 2014, 74, 1.	3.9	0