

A El Abd

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8156398/publications.pdf>

Version: 2024-02-01

20
papers

238
citations

1162889

8
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for measurement of moisture transport in porous media based on forward and backward scattering of epithermal neutrons. Applied Radiation and Isotopes, 2021, 173, 109730.	0.7	2
2	Implementation of capillary penetration coefficient on water sorptivity for porous building materials: An experimental study. Construction and Building Materials, 2021, 298, 123758.	3.2	2
3	Evaluation of neutron shielding performance for some alloys. Physica Scripta, 2021, 96, 125313.	1.2	3
4	Determination of moisture distributions in porous building bricks by neutron radiography. Applied Radiation and Isotopes, 2020, 156, 108970.	0.7	13
5	Penetration of water into cracked geopolymer mortars by means of neutron radiography. Construction and Building Materials, 2020, 256, 119471.	3.2	6
6	Water sorptivity of unsaturated fractured sandstone: Fractal modeling and neutron radiography experiment. Advances in Water Resources, 2019, 130, 172-183.	1.7	20
7	A method for measuring macroscopic cross-sections for thermal neutrons. Applied Radiation and Isotopes, 2017, 128, 318-327.	0.7	2
8	A simple Method for Determining the Effective Removal Cross Section for Fast Neutrons. Journal of Radiation and Nuclear Applications, 2017, 2, 53-58.	0.9	55
9	A method for moisture measurement in porous media based on epithermal neutron scattering. Applied Radiation and Isotopes, 2015, 105, 150-157.	0.7	9
10	Intercomparison of gamma ray scattering and transmission techniques for gas volume fraction measurements in two phase pipe flow. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 260-266.	0.7	40
11	Determination of boron in water using neutron scattering and transmission, and prompt gamma ray neutron activation analysis methods: A comparative study. Nuclear Instruments & Methods in Physics Research B, 2014, 337, 62-67.	0.6	2
12	A method for determination mass absorption coefficient of gamma rays by Compton scattering. Applied Radiation and Isotopes, 2014, 94, 247-253.	0.7	1
13	A method for bulk hydrogen analysis based on transmission and back scattering of fast neutrons. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1293-1301.	0.7	5
14	Experimental determination of moisture distributions in fired clay brick using a ^{252}Cf source: A neutron transmission study. Applied Radiation and Isotopes, 2013, 74, 78-85.	0.7	10
15	Production of $^{152,154}\text{Eu}$ mixed sources for calibrations of gamma-ray spectrometers. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 255-260.	0.7	3
16	Investigation of isothermal water infiltration into fired clay brick by scattered neutrons. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 503-510.	0.7	4
17	Investigation of the impurity concentrations and product activities of some targets used in radioisotope production: a neutron activation analysis study. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 27-34.	0.7	1
18	Measurements of the thermal neutron cross-sections and resonance integrals for ^{186}W ($n, \hat{1}^3$) ^{187}W and ^{98}Mo ($n, \hat{1}^3$) ^{99}Mo reactions. Journal of Radioanalytical and Nuclear Chemistry, 2010, 284, 321-326.	0.7	18

#	ARTICLE	IF	CITATIONS
19	Measurement of the fission neutron spectrum averaged cross sections for the $^{95}\text{Mo}(n, p)^{95}\text{Nb}$, $^{92}\text{Mo}(n, \hat{1}\pm)^{89}\text{Zr}$, $^{90}\text{Zr}(n, 2n)^{89}\text{Zr}$ and $^{60}\text{Ni}(n, p)^{60}\text{Co}$ reactions. Applied Radiation and Isotopes, 2010, 68, 2007-2012.	0.7	3
20	Neutron radiography determination of water diffusivity in fired clay brick. Applied Radiation and Isotopes, 2009, 67, 556-559.	0.7	39