# A El Abd

List of Publications by Year
in descending order

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

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|---|---|---|---|
| 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 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 |
| 2 | 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 |
| 3 | Neutron radiography determination of water diffusivity in fired clay brick. Applied Radiation and Isotopes, 2009, 67, 556-559. | 0.7 | 39 |
| 4 | Water sorptivity of unsaturated fractured sandstone: Fractal modeling and neutron radiography experiment. Advances in Water Resources, 2019, 130, 172-183. | 1.7 | 20 |
| 5 | Measurements of the thermal neutron cross-sections and resonance integrals for 186W (n,Î³) 187W and 98Mo (n,Î³) 99Mo reactions. Journal of Radioanalytical and Nuclear Chemistry, 2010, 284, 321-326. | 0.7 | 18 |
| 6 | Determination of moisture distributions in porous building bricks by neutron radiography. Applied Radiation and Isotopes, 2020, 156, 108970. | 0.7 | 13 |
| 7 | Experimental determination of moisture distributions in fired clay brick using a 252Cf source: A neutron transmission study. Applied Radiation and Isotopes, 2013, 74, 78-85. | 0.7 | 10 |
| 8 | A method for moisture measurement in porous media based on epithermal neutron scattering. Applied Radiation and Isotopes, 2015, 105, 150-157. | 0.7 | 9 |
| 9 | Penetration of water into cracked geopolymer mortars by means of neutron radiography. Construction and Building Materials, 2020, 256, 119471. | 3.2 | 6 |
| 10 | 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 |
| 11 | 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 |
| 12 | Measurement of the fission neutron spectrum averaged cross sections for the 95Mo(n, p)95Nb, 92Mo(n, Î±)89Zr, 90Zr(n, 2n)89Zr and 60Ni(n, p)60Co reactions. Applied Radiation and Isotopes, 2010, 68, 2007-2012. | 0.7 | 3 |
| 13 | Production of 152,154Eu mixed sources for calibrations of gamma-ray spectrometers. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 255-260. | 0.7 | 3 |
| 14 | Evaluation of neutron shielding performance for some alloys. Physica Scripta, 2021, 96, 125313. | 1.2 | 3 |
| 15 | 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 |
| 16 | A method for measuring macroscopic cross-sections for thermal neutrons. Applied Radiation and Isotopes, 2017, 128, 318-327. | 0.7 | 2 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | A method for determination mass absorption coefficient of gamma rays by Compton scattering. Applied Radiation and Isotopes, 2014, 94, 247-253. | 0.7 | 1 |