

Karen A Guzman-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

117
citations

1307594

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1281871

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11
all docs

11
docs citations

11
times ranked

77
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Photon and neutron shielding features of quarry tuff. <i>Annals of Nuclear Energy</i> , 2018, 112, 411-417. | 1.8 | 20 |
| 2 | Passive neutron area monitor with pairs of TLDs as neutron detector. <i>Radiation Measurements</i> , 2014, 69, 30-34. | 1.4 | 19 |
| 3 | Study by Monte Carlo methods of an explosives detection system made up with a D-D neutron generator and NaI(Tl) gamma detectors. <i>Applied Radiation and Isotopes</i> , 2018, 141, 167-175. | 1.5 | 15 |
| 4 | Neutron field characteristics of Ciemat's Neutron Standards Laboratory. <i>Applied Radiation and Isotopes</i> , 2015, 100, 84-90. | 1.5 | 14 |
| 5 | Monte Carlo characterization and benchmarking of extended range REM meters for its application in shielding and radiation area monitoring in Compact Proton Therapy Centers (CPTC). <i>Applied Radiation and Isotopes</i> , 2019, 152, 115-126. | 1.5 | 11 |
| 6 | Neutron dosimetry and shielding verification in commissioning of Compact Proton Therapy Centers (CPTC) using MCNP6.2 Monte Carlo code. <i>Applied Radiation and Isotopes</i> , 2021, 169, 109279. | 1.5 | 9 |
| 7 | Analysis by Monte Carlo of thermal neutron flux from a $^{241}\text{Am}/^9\text{Be}$ source for a system of trace analysis in materials. <i>Applied Radiation and Isotopes</i> , 2019, 151, 19-24. | 1.5 | 8 |
| 8 | Experimental characterization of FANT, a new thermal neutron source. <i>Applied Radiation and Isotopes</i> , 2021, 167, 109437. | 1.5 | 7 |
| 9 | Performance of $^{10}\text{B}+\text{ZnS}(\text{Ag})$ neutron detectors in RPM for the detection of special nuclear materials. <i>Radiation Measurements</i> , 2017, 107, 58-66. | 1.4 | 6 |
| 10 | Study of a $^{10}\text{B}+\text{ZnS}(\text{Ag})$ neutron detector as an alternative to ^3He -based detectors in Homeland Security. <i>Applied Radiation and Isotopes</i> , 2016, 117, 58-64. | 1.5 | 5 |
| 11 | Design by Monte Carlo method of a thermal neutron device using a $^{241}\text{Am}/^9\text{Be}$ source and high-density polyethylene moderator. <i>Applied Radiation and Isotopes</i> , 2019, 151, 150-156. | 1.5 | 3 |