Amanda Johnsen

List of Publications by Year
in descending order

11 papers	157 citations	1684188 5 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	210 citing authors

#	Article	IF	Citations
1	Fabrication and Characterization of Zirconium Silicide for Application to Gas-Cooled Fast Reactors. Nuclear Technology, 2022, 208, 27-36.	1.2	3
2	Accuracy of methods for reporting inorganic element concentrations and radioactivity in oil and gas wastewaters from the Appalachian Basin, U.S. based on an inter-laboratory comparison. Environmental Sciences: Processes and Impacts, 2019, 21, 224-241.	3.5	18
3	Characterization of soil, sediment, and wastewater samples from hydraulic fracturing processes using the comparative NAA method. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1563-1570.	1.5	1
4	Neutron activation analysis of ancient Italian tile samples. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1529-1535.	1.5	0
5	Neutron activation analysis capabilities and applications at the Penn State Radiation Science and Engineering Center. Forensic Chemistry, 2018, 7, 56-64.	2.8	1
6	Assessment of Modern Silicon Photomultiplier Radiation Hardness in a Nuclear Security Context. , 2018, , .		3
7	Holmium for Use in Cancer Therapy. Comments on Inorganic Chemistry, 2017, 37, 281-300.	5.2	7
8	Reactor production of 64Cu and 67Cu using enriched zinc target material. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 61-71.	1.5	24
9	A non-aqueous reduction process for purifying 153Gd produced in natural europium targets. Applied Radiation and Isotopes, 2013, 82, 158-165.	1.5	4
10	Dissolution of Irradiated Commercial UO₂ Fuels in Ammonium Carbonate and Hydrogen Peroxide. Industrial & Engineering Chemistry Research, 2011, 50, 1813-1818.	3.7	24
11	Spectroscopic monitoring of spent nuclear fuel reprocessing streams: an evaluation of spent fuel solutionsviaRaman, visible, and near-infrared spectroscopy. Radiochimica Acta, 2011, 99, 563-572.	1.2	72