Jongtae Jeong

List of Publications by Year
in descending order

17 papers	**97** citations	1307594 **7** h-index	1372567 **10** g-index
17 all docs	**17** docs citations	**17** times ranked	**60** citing authors

#	Article	IF	Citations
1	Optimization of spent nuclear fuels per canister to improve the disposal efficiency of a deep geological repository in Korea. Nuclear Engineering and Technology, 2022, 54, 2819-2827.	2.3	5
2	Leaching Behavior of Cesium, Strontium, Cobalt, and Europium from Immobilized Cement Matrix. Applied Sciences (Switzerland), 2021, 11, 8418.	2.5	10
3	Model Development for Risk-Based Safety Assessment of a Geological Disposal System of Radioactive Wastes Generated by Pyroprocessing of Pressurized Water Reactor Spent Fuel in Korea. Nuclear Technology, 2018, 203, 1-16.	1.2	9
4	ESTIMATION OF EXPOSURE DOSES FOR THE SAFE MANAGEMENT OF NORM WASTE DISPOSAL. Radiation Protection Dosimetry, 2018, 181, 394-402.	0.8	5
5	Progress of the long-term safety assessment of a reference disposal system for high level wastes in Korea. Progress in Nuclear Energy, 2016, 90, 37-45.	2.9	7
6	Radiological Safety Assessment of Transporting Radioactive Wastes to the Gyeongju Disposal Facility in Korea. Nuclear Engineering and Technology, 2016, 48, 1368-1375.	2.3	10
7	Effects of gamma irradiation and Shewanella putrefaciens on the sorption of uranium by goethite. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 2301-2306.	1.5	1
8	Confidence Improvement of Disposal Safety by Development of a Safety Case for High-Level Radioactive Waste Disposal. Journal of Nuclear Fuel Cycle and Waste Technology, 2016, 14, 367-384.	0.3	1
9	Modeling in-situ transport of uranine and colloids in the fracture network in KURT. Journal of Contaminant Hydrology, 2015, 173, 59-68.	3.3	3
10	A comparative study for the determination of uranium and uranium isotopes in granitic groundwater. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 9-14.	1.5	9
11	Characterization of Domestic Well Intrusion Events for the Safety Assessment of the Geological Disposal System. Journal of Nuclear Fuel Cycle and Waste Technology, 2015, 13, 1-10.	0.3	1
12	Characterization of Domestic Earthquake Events for the Safety Assessment of the Geological Disposal System. Journal of Nuclear Fuel Cycle and Waste Technology, 2015, 13, 87-98.	0.3	1
13	A methodology for a risk-based approach to complex scenarios in a long-term safety assessment of a radioactive waste repository. Nuclear Engineering and Design, 2014, 268, 58-63.	1.7	8
14	An evaluation of an earthquake scenario for a pyroprocessed waste repository. Progress in Nuclear Energy, 2013, 66, 133-145.	2.9	10
15	A-KRS GoldSim Model Verification: A Comparison Study of Performance Assessment Model. Journal of Nuclear Fuel Cycle and Waste Technology, 2013, 11, 103-114.	0.3	4
16	Comparison of the transportation risks for the spent fuel in Korea for different transportation scenarios. Annals of Nuclear Energy, 2011, 38, 535-539.	1.8	13
17	The Influence of Seasonal Characteristics on the Accident Consequence Analysis. , 2002, , 237.		0