

Min-Hoon Baik

List of Publications by Year in descending order

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22
papers

277
citations

1040056

9
h-index

888059

17
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22
all docs

22
docs citations

22
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloidal stability of bentonite clay considering surface charge properties as a function of pH and ionic strength. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 837-841.	5.8	84
2	Erosion of bentonite particles at the interface of a compacted bentonite and a fractured granite. <i>Engineering Geology</i> , 2007, 91, 229-239.	6.3	46
3	Abiotic reduction of uranium by mackinawite (FeS) biogenerated under sulfate-reducing condition. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 1311-1319.	1.5	25
4	Chemical weathering of granite under acid rainfall environment, Korea. <i>Environmental Geology</i> , 2008, 55, 853-862.	1.2	20
5	Characterization of aquatic groundwater colloids by a laser-induced breakdown detection and ICP-MS combined with an asymmetric flow field-flow fractionation. <i>Korean Journal of Chemical Engineering</i> , 2007, 24, 723-729.	2.7	14
6	Radionuclide Transport Facilitated by Polydispersed Pseudo-Colloids in the Fractured Rock Media. <i>Journal of Nuclear Science and Technology</i> , 1997, 34, 41-49.	1.3	13
7	Uranium determination in groundwater using laser spectroscopy. <i>Reviews in Analytical Chemistry</i> , 2014, 33, .	3.2	11
8	Sorption and reduction of selenite on chlorite surfaces in the presence of Fe(II) ions. <i>Journal of Environmental Radioactivity</i> , 2013, 126, 209-215.	1.7	10
9	A comparative study for the determination of uranium and uranium isotopes in granitic groundwater. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 9-14.	1.5	9
10	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. <i>Nuclear Technology</i> , 2018, 203, 1-16.	1.2	9
11	Diffusion of some chemical species through a granite considering their geochemical properties. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 1279-1285.	2.7	6
12	Radionuclide Transport Facilitated by Polydispersed Pseudo-Colloids in the Fractured Rock Media.. <i>Journal of Nuclear Science and Technology</i> , 1997, 34, 41-49.	1.3	6
13	ESTIMATION OF EXPOSURE DOSES FOR THE SAFE MANAGEMENT OF NORM WASTE DISPOSAL. <i>Radiation Protection Dosimetry</i> , 2018, 181, 394-402.	0.8	5
14	Long-term mobility of uranium in the granitic KURT site using isotopic analysis and sequential chemical extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1173-1183.	1.5	4
15	Modeling in-situ transport of uranium and colloids in the fracture network in KURT. <i>Journal of Contaminant Hydrology</i> , 2015, 173, 59-68.	3.3	3
16	Diffusion and Sorption Properties of Some Sorbing Nuclides onto Granodiorite in a Modified Through-Diffusion Setup. <i>Nuclear Technology</i> , 2016, 196, 121-129.	1.2	3
17	Roles of uranyl silicate minerals in the long-term mobility of uranium in fractured granite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 451-459.	1.5	3
18	Sorption of selenite onto chlorite considering mineral dissolution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1135-1141.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Hydraulic conceptualization of a single fracture using hydraulic interference tests at a deep underground condition. <i>Geosciences Journal</i> , 2018, 22, 581-588.	1.2	2
20	Effects of gamma irradiation and <i>Shewanella putrefaciens</i> on the sorption of uranium by goethite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 2301-2306.	1.5	1
21	10.2478/s11814-009-0221-8. , 2011, 26, 1279.		1
22	Surface Coverage- and Excitation Laser Wavelength-Dependent Luminescence Properties of U(VI) Species Adsorbed on Amorphous SiO ₂ . <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 230.	2.0	0