

Kazuya Idemitsu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermophysical Properties of Rare-Earth-Stabilized Zirconia and Zirconate Pyrochlores as Surrogates for Actinide-Doped Zirconia. International Journal of Thermophysics, 2007, 28, 1074-1084.	2.1	116
2	Initial dissolution rate of a Japanese simulated high-level waste glass P0798 as a function of pH and temperature measured by using micro-channel flow-through test method. Journal of Nuclear Science and Technology, 2012, 49, 438-449.	1.3	20
3	Aqueous Dissolution of Silver Iodide and Associated Iodine Release under Reducing Conditions with FeCl ₂ Solution. Journal of Nuclear Science and Technology, 2008, 45, 859-866.	1.3	17
4	Vitrification processes of simulated cesium sorbing zeolite waste. Progress in Nuclear Energy, 2018, 108, 497-502.	2.9	12
5	Diffusion Behavior of Iron Corrosion Products In Buffer Materials. Materials Research Society Symposia Proceedings, 2002, 713, 1.	0.1	10
6	Oxygen potential measurement of (Pu _{0.928} Am _{0.072})O ₂ at high temperatures. Journal of Nuclear Science and Technology, 2015, 52, 1296-1302.	1.3	6
7	Migration Behavior of Iron Ion in Compacted Bentonite Under Reducing Condition by using Electromigration.. Materials Research Society Symposia Proceedings, 2002, 757, 113.7.1.	0.1	5
8	Corrosion Products from Carbon Steel Formed in Compacted Bentonite under Reducing Conditions. Journal of Nuclear Science and Technology, 2008, 45, 763-772.	1.3	5
9	Current Status of Immobilization Techniques for Geological Disposal of Radioactive Iodine in Japan. Materials Research Society Symposia Proceedings, 2015, 1744, 3-13.	0.1	5
10	Distribution Coefficients and Apparent Diffusion Coefficients of Cesium in Compacted Bentonites. Materials Research Society Symposia Proceedings, 1999, 556, 1091.	0.1	4
11	Migration Behavior of Ferrous Ions in Compacted Bentonite Under Reducing Conditions Using Electromigration. Materials Research Society Symposia Proceedings, 2004, 824, 475.	0.1	3
12	Migration Behavior of Plutonium in Compacted Bentonite Under Reducing Condition Using Electromigration. Materials Research Society Symposia Proceedings, 2006, 985, 1.	0.1	3
13	Migration Behaviour of Ferrous Ion in Compacted Bentonite Under Reducing Conditions Controlled With Potentiostat. Materials Research Society Symposia Proceedings, 2008, 1107, 1.	0.1	2
14	Effect of pH on Plutonium Migration Behavior in Compacted Bentonite. MRS Advances, 2016, 1, 4011-4017.	0.9	2
15	Plutonium Migration in Compacted Bentonite with Iron Corrosion for 15 Years. MRS Advances, 2017, 2, 693-698.	0.9	2
16	Corrosion Products from Carbon Steel Formed in Compacted Bentonite under Reducing Conditions. Journal of Nuclear Science and Technology, 2008, 45, 763-772.	1.3	2
17	Effect of carbonate on the migration behavior of neptunium in compacted bentonite. MRS Advances, 2022, 7, 140-143.	0.9	2
18	Aqueous Corrosion Behavior of Glass Phase of Simulated Low Level Waste Form Produced by In-can Type Induction-Heated Melting. Journal of Nuclear Science and Technology, 2006, 43, 270-275.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Migration Behaviour of Lanthanides in Compacted Bentonite with Iron Corrosion Product Using Electrochemical Method. Materials Research Society Symposia Proceedings, 2012, 1475, 611.	0.1	1
20	Migration Behavior of Selenium in the Presence of Iron in Bentonite. Materials Research Society Symposia Proceedings, 2014, 1665, 157-163.	0.1	1
21	Effect of Carbonate on the Migration Behavior of Lanthanides in Compacted Bentonite. MRS Advances, 2018, 3, 1155-1160.	0.9	1
22	Aqueous Dissolution of Silver Iodide and Associated Iodine Release under Reducing Conditions with FeCl ₂ Solution. Journal of Nuclear Science and Technology, 2008, 45, 859-866.	1.3	1
23	Migration Behavior of Plutonium in Compacted Bentonite under Reducing Condition by Using Electromigration. Materials Research Society Symposia Proceedings, 2003, 807, 553.	0.1	0
24	Migration Behavior of Cesium in Compacted Bentonite Under Reducing Conditions Using Electromigration. Materials Research Society Symposia Proceedings, 2006, 932, 1.	0.1	0
25	Evaluation of Mechanical Properties of Stabilized Zirconia and Zirconate Pyrochlore. Materials Research Society Symposia Proceedings, 2007, 1043, 1.	0.1	0
26	Migration Behavior of Potassium and Rubidium in Compacted Bentonite Under Reducing Condition With Iron Corrosion Product. Materials Research Society Symposia Proceedings, 2009, 1193, 241.	0.1	0
27	Migration Behavior of Alkali Earth Ions in Compacted Bentonite With Iron Corrosion Product Using Electrochemical Method. Materials Research Society Symposia Proceedings, 2010, 1265, 1.	0.1	0
28	Migration behavior of plutonium affected by ferrous ion in compacted bentonite by using electrochemical technique. Materials Research Society Symposia Proceedings, 2014, 1665, 79-84.	0.1	0
29	Effect of Carbonate on the Migration Behavior of Strontium in Compacted Bentonite. MRS Advances, 2019, 4, 1021-1027.	0.9	0
30	Evaluation of Structural and Thermal Properties of Ce _{1-y} Gd _y O _{2-x} Solid Solution. International Journal of Thermophysics, 2020, 41, 1.	2.1	0
31	Migration Behavior of Copper in Compacted Bentonite Using Electromigration Techniques. MRS Advances, 2020, 5, 141-147.	0.9	0
32	Speciation by XANES of copper migrated into compacted bentonite using electromigration techniques. MRS Advances, 2021, 6, 80-83.	0.9	0