

Jej-Won Yeon

List of Publications by Year in descending order

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35
papers

290
citations

1163117

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16
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37
all docs

37
docs citations

37
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration determination of I ₂ and I ⁻ formed by thermal and radiolytic decomposition of NaIO ₃ . Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 475-480.	1.5	2
2	Accuracy analysis on concentration determination of molecular iodine in gamma irradiated solutions. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 469-473.	1.5	3
3	Radioactivity data analysis of ¹³⁷ Cs in marine sediments near severely damaged Chernobyl and Fukushima nuclear power plants. Nuclear Engineering and Technology, 2020, 52, 366-372.	2.3	9
4	Change in the pH of NaI and methyl alkyl ketone solutions under gamma irradiation. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 121-127.	1.5	3
5	Investigation of the iodine species on platinum catalyst used as hydrogen oxidation. International Journal of Energy Research, 2020, 44, 8221-8228.	4.5	0
6	Volatility of radioactive iodine under gamma irradiation: effects of H ₂ O ₂ and NaOH on the decomposition rate of volatile molecular iodine dissolved in aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1267-1272.	1.5	3
7	Comparison of the spectroscopic characteristics of uranium status when U(III) in LiCl-KCl eutectic melt is leached out with water and ionic liquid. Journal of Luminescence, 2018, 196, 302-305.	3.1	2
8	Effect of water-droplet sizes and radiation-field exposure on the transfer of I ₂ and CH ₃ I gases adsorbed in water. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 667-673.	1.5	4
9	Formation of CH ₃ I in a NaI and methyl alkyl ketone solution under gamma irradiation conditions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1329-1335.	1.5	6
10	Introduction of 6th Asian-Pacific Symposium on Radiochemistry (APSORC17). Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 885-887.	1.5	0
11	Mitigation of radionuclide deposition in contaminated water: effects of pH on coprecipitation of Cs(I) and Sr(II) with Fe(III) in aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1261-1266.	1.5	1
12	Concentration Determination of Volatile Molecular Iodine and Methyl Iodide. Bulletin of the Korean Chemical Society, 2018, 39, 824-828.	1.9	6
13	Development of a Korean roadmap for technical issue resolution for fission product behavior during severe accidents. Nuclear Engineering and Technology, 2017, 49, 1575-1588.	2.3	7
14	Effects of temperature and solution composition on evaporation of iodine as a part of estimating volatility of iodine under gamma irradiation. Nuclear Engineering and Technology, 2017, 49, 1689-1695.	2.3	6
15	Effect of aluminum metal surface on oxidation of iodide under gamma irradiation conditions. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 459-468.	1.5	6
16	Electrochemical preparation and spectroelectrochemical study of neptunium chloride complexes in LiCl-KCl eutectic melts. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 31-36.	1.5	11
17	Spectroscopic Studies of Lanthanides Ion in High-Temperature Molten Salt. Applied Spectroscopy Reviews, 2015, 50, 654-669.	6.7	5
18	The Oxidation Behavior of Iodide Ion Under Gamma Irradiation Conditions. Nuclear Science and Engineering, 2015, 181, 191-203.	1.1	12

#	ARTICLE	IF	CITATIONS
19	Determination of Triiodide Ion Concentration Using UV-Visible Spectrophotometry. Asian Journal of Chemistry, 2014, 26, 4084-4086.	0.3	24
20	Effect of pH, temperature, and H ₂ O ₂ on the electrochemical oxidation behavior of iron in perchlorate solutions. Journal of Solid State Electrochemistry, 2014, 18, 333-339.	2.5	4
21	Electrochemical Reactions of Uranium Trichloride on a Graphene Surface in LiCl-KCl Molten Salt. Electrochemistry, 2014, 82, 462-466.	1.4	7
22	Dispersion Properties of B ₄ C Microparticles as Emergency Neutron Absorbers in Spent-Fuel Pool Water. Nuclear Science and Engineering, 2012, 172, 202-207.	1.1	1
23	Potential Correction Technique for Ag/AgCl Reference Electrode Using UV/VIS Absorbance of Internal Electrolyte. Journal of the Electrochemical Society, 2012, 159, J83-J87.	2.9	3
24	Preparation and application of chelating polymer-mesoporous silica composite for Europium-ion adsorption. Macromolecular Research, 2011, 19, 421-426.	2.4	10
25	Removal of uranium(VI) from aqueous solutions by nanoporous carbon and its chelating polymer composite. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 129-133.	1.5	69
26	A calibration technique for an Ag/AgCl reference electrode utilizing the relationship between the electrical conductivity and the KCl concentration of the internal electrolyte. Journal of Applied Electrochemistry, 2009, 39, 2587-2592.	2.9	20
27	In-Depth Investigation on Two- and Three-Electrode Impedance Measurements in Terms of the Effect of the Counter Electrode. Electronic Materials Letters, 2009, 5, 169-178.	2.2	32
28	Adsorption of Carboxymethylated Polyethyleneimine (CM-PEI) on a Microporous Activated Carbon. Solid State Phenomena, 2007, 119, 103-106.	0.3	2
29	Heterogeneous Photocatalytic Degradation of Chlorophenols over Ag-TiO ₂ Nano Particles in an Aqueous Suspension. Solid State Phenomena, 2007, 124-126, 1745-1748.	0.3	2
30	Study on Nickel Ferrite Formation by Using a Simple Method to Simulate Heat Transfer Surface. Solid State Phenomena, 2007, 124-126, 1565-1568.	0.3	1
31	Preparation and Cu(II) Complexation Characteristics of Carboxymethylated Polyethyleneimine (CM-PEI) / Microporous Activated Carbon Composite. Solid State Phenomena, 2007, 119, 303-306.	0.3	0
32	Pt(IV) Adsorption Characteristics of Nanoporous Carbons Modified with Carboxymethylated Polyethyleneimine. Solid State Phenomena, 2007, 124-126, 1781-1784.	0.3	2
33	Roles of adsorbed OH and adsorbed H in the oxidation of hydrogen and the reduction of UO ₂ ²⁺ ions at Pt electrodes under non-conventional conditions. Journal of Applied Electrochemistry, 2007, 37, 905-912.	2.9	5
34	Deposition behaviour of corrosion products on the Zircaloy heat transfer surface. Journal of Nuclear Materials, 2006, 354, 163-170.	2.7	18
35	A Study on Pitting Corrosion of Sensitized 316 Stainless Steel in Aqueous 0.01 M NaCl Solution Using the Abrading Electrode Technique and Ac-Impedance Spectroscopy. Materials Science Forum, 1998, 289-292, 915-924.	0.3	4