Euo Chang Jung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5478905/publications.pdf

Version: 2024-02-01

28	282	933447 10	996975 15
papers	citations	h-index	g-index

29	29	29	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Developments in Modulation Spectroscopy for Trace Gas Detection Using Tunable Diode Lasers. Applied Spectroscopy Reviews, 2003, 38, 395-432.	6.7	27
2	Abiotic reduction of uranium by mackinawite (FeS) biogenerated under sulfate-reducing condition. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 1311-1319.	1.5	25
3	Determination of uranium concentration and speciation in natural granitic groundwater using TRLFS. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 589-598.	1.5	22
4	Factors affecting measurement of channel thickness in asymmetrical flow field-flow fractionation. Journal of Chromatography A, 2015, 1393, 115-121.	3.7	19
5	Nanoparticle sizing by a laser-induced breakdown detection using an optical probe beam deflection. Applied Physics B: Lasers and Optics, 2009, 97, 867-875.	2.2	18
6	Effect of reduction on the stability of Pu(VI) hydrolysis species. Radiochimica Acta, 2010, 98, 555-561.	1.2	18
7	The influence of humic acid on the pH-dependent sorption of americium(III) onto kaolinite. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 639-645.	1.5	18
8	Time-resolved laser fluorescence spectroscopy of UO₂(CO₃)₃^{4â^'}. Dalton Transactions, 2015, 44, 18831-18838.	3.3	17
9	Spectroscopic speciation of aqueous Am(<scp>iii</scp>)â€“oxalate complexes. Dalton Transactions, 2019, 48, 10023-10032.	3.3	13
10	Hydrolysis of trivalent plutonium and solubility of Pu(OH)₃(am) under electrolytic reducing conditions. Dalton Transactions, 2016, 45, 19449-19457.	3.3	12
11	Uranium determination in groundwater using laser spectroscopy. Reviews in Analytical Chemistry, 2014, 33, .	3.2	11
12	Study of Aqueous Am(III)-Aliphatic Dicarboxylate Complexes: Coordination Mode-Dependent Optical Property and Stability Changes. Inorganic Chemistry, 2020, 59, 13912-13922.	4.0	9
13	Asymmetrical Flow Field-Flow Fractionation for Characterization of Cyclotrimethylene Trinitramine (RDX) Particles Prepared by Supercritical Anti-Solvent Recrystallization. Chromatographia, 2012, 75, 903-911.	1.3	8
14	Spectroscopic studies on U(VI)-salicylate complex formation with multiple equilibria. Radiochimica Acta, 2012, 100, 371-379.	1.2	8
15	Diode Laserâ€Excited Optogalvanic and Absorption Measurements of Uranium in a Hollow Cathode Discharge. Spectroscopy Letters, 2003, 36, 167-180.	1.0	7
16	Spectroscopic study on the mononuclear hydrolysis species of Pu(VI) under oxidation conditions. Radiochimica Acta, 2010, 98, 765-770.	1.2	7
17	Shielding effect of laser-induced plasma in glass: pulse-to-pulse evolution of nitrogen and analyte emission lines. Applied Physics A: Materials Science and Processing, 2011, 104, 863-869.	2.3	7
18	Effect of size of Fe3O4 magnetic nanoparticles on electrochemical performance of screen printed electrode using sedimentation field-flow fractionation. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	7

#	Article	IF	Citations
19	Retention behavior of microparticles in gravitational field-flow fractionation (GrFFF): Effect of ionic strength. Talanta, 2015, 132, 945-953.	5.5	6
20	Determination of U(VI) and U(IV) concentrations in aqueous samples containing strong luminescence quenchers using TRLFS. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 1127-1136.	1.5	5
21	TRLFS study of hydrolyzed Eu(III) species. Journal of Luminescence, 2018, 202, 469-474.	3.1	5
22	Spectroscopic Study into Lanthanide Speciation in Deep Eutectic Solvents. ACS Omega, 2022, 7, 921-932.	3.5	5
23	Application of Diode Lasers to Determine Excitation Temperature in Hollow Cathode Discharges by Optogalvanic Spectroscopy. Spectroscopy Letters, 1998, 31, 1151-1165.	1.0	2
24	Spectroscopic study on the role of TiO2 in the adsorption of Eu(III) and U(VI) on silica surfaces in aqueous solutions. Materials Research Bulletin, 2014, 58, 15-18.	5.2	2
25	Radioanalytical and Spectroscopic Characterizations of Hydroxo- and Oxalato-Am(â...¢) Complexes. Journal of Nuclear Fuel Cycle and Waste Technology, 2018, 16, 397-410.	0.3	2
26	Excitation and Emission Properties of Adsorbed U(VI) on Amorphous Silica Surface. Journal of Nuclear Fuel Cycle and Waste Technology, 2020, 18, 497-508.	0.3	1
27	Structural and spectroscopic studies of spontaneously formed crystalline Eu(<scp>iii</scp>)â€“aliphatic dicarboxylates at room temperature. RSC Advances, 2022, 12, 4047-4053.	3.6	1
28	Surface Coverage- and Excitation Laser Wavelength-Dependent Luminescence Properties of U(VI) Species Adsorbed on Amorphous SiO2. Minerals (Basel, Switzerland), 2022, 12, 230.	2.0	0