

Silvia Dulanská

List of Publications by Year in descending order

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47
papers

361
citations

933447

10
h-index

940533

16
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47
all docs

47
docs citations

47
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of classical ⁹⁰ Sr separation methods with selective separation using molecular recognition technology products AnaLig [®] SR-01 gel, 3M Empore [®] , [®] Strontium Rad Disk and extraction chromatography Sr [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2011, 290, 319-323.	1.5	34
2	Pre-concentration and determination of ⁹⁰ Sr in radioactive wastes using solid phase extraction techniques. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 705-708.	1.5	29
3	Comparison of different methodologies for the ⁹⁰ Sr determination in environmental samples. Journal of Environmental Radioactivity, 2018, 181, 18-31.	1.7	26
4	The selective separation of Pu isotopes using molecular recognition technology product AnaLig [®] PuO ₂ gel and extraction chromatography TRU [®] resin. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 841-845.	1.5	18
5	Rapid determination of ^{239,240} Pu, ²³⁸ Pu, ²⁴¹ Am and ⁹⁰ Sr in radioactive waste using combined SPE sorbents AnaLig [®] PuO ₂ , AnaLig [®] Sr01 and TRU [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 81-85.	1.5	16
6	Determination of ⁹⁹ Tc in evaporator concentrates using solid phase extraction techniques. Journal of Radioanalytical and Nuclear Chemistry, 2011, 290, 403-407.	1.5	14
7	Rapid determination of ^{239,240} Pu, ²³⁸ Pu, ²⁴¹ Am and ⁹⁰ Sr in high contaminated samples waste using combined SPE sorbents AnaLig [®] Pu-O ₂ , AnaLig [®] Sr-01 and DGA [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1635-1639.	1.5	14
8	Determination of ⁹³ Zr in radioactive waste using ion exchange techniques. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 635-640.	1.5	12
9	Development of a method for the determination of ⁹³ Zr and ⁹⁴ Nb in radioactive waste using TEVA [®] resin. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 117-122.	1.5	12
10	Determination of ⁹⁴ Nb in radioactive waste using ion exchange chromatography. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 907-910.	1.5	11
11	Determination of ²³⁹ Pu, ²⁴¹ Am and ⁹⁰ Sr in urine using pre-filter material and combined sorbents AnaLig [®] Pu-O ₂ , AnaLig [®] Sr-01, DGA [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 127-132.	1.5	11
12	Scaling model for prediction of radionuclide activity in cooling water using a regression triplet technique. Journal of Radioanalytical and Nuclear Chemistry, 2010, 285, 547-553.	1.5	10
13	Rapid determination of ⁹⁰ Sr in urine samples using AnaLig [®] Sr-01. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2189-2192.	1.5	10
14	Mycoremediation: the study of transfer factor for plutonium and americium uptake from the ground. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1411-1416.	1.5	10
15	Validation of ^{239,240} Pu, ²³⁸ Pu separation method using molecular recognition product AnaLig [®] PuO ₂ gel and extraction chromatography TRU [®] resin. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 97-101.	1.5	9
16	Secondary ion mass spectrometry and alpha-spectrometry of electrodeposited thorium films. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 973-981.	1.5	8
17	Separation Techniques for Quantification of Radionuclides in Environmental Samples. Scientific World Journal, The, 2009, 9, 1206-1214.	2.1	7
18	Scaling model for prediction of radionuclide activity in contaminated soils using a regression triplet technique. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 519-531.	1.5	7

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19	Statistical suitability testing of 3M Empore [®] , [®] Sr disc and AnaLig [®] Sr-01 use for ⁹⁰ Sr determination. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 965-971.	1.5	7
20	Determination of ¹²⁶ Sn in radioactive waste using TEVA [®] resin and gamma spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 1093-1097.	1.5	7
21	Determination of ⁹⁰ Sr in bone samples using molecular recognition technology product AnaLig [®] Sr-01. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 29-33.	1.5	7
22	Impregnated fly ash sorbent for cesium-137 removal from water samples. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 1225-1236.	1.5	7
23	Determination of difficult to measure radionuclides in primary circuit facilities of NPP V1 Jaslovske Bohunice. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1879-1884.	1.5	6
24	Determination of alpha, beta, X-ray and gamma emitting radionuclides in reactor components and fuel assemblies from NPP V1 Jaslovske Bohunice. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1799-1804.	1.5	6
25	A rapid determination of ²²⁶ Ra in water using composite ion exchanger MnO ₂ •PAN. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 47-51.	1.5	6
26	Determination of ⁹⁹ Tc in soil samples using molecular recognition technology product AnaLig [®] Tc-02 gel. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 675-677.	1.5	5
27	Sequential determination of ⁹³ Zr, ⁹⁴ Nb, ⁹⁹ Tc and ¹²⁶ Sn in radioactive waste using anion exchange resin and TEVA [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2015, 309, 685.	1.5	5
28	Determination of ¹⁰⁷ Pd in radwaste using Ni [®] Resin. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 645-650.	1.5	5
29	Synergy of flow injection system and molecular recognition technology products for rapid determination of ^{89,90} Sr and ²¹⁰ Pb. Talanta, 2021, 225, 121959.	5.5	5
30	Determination of ¹²⁹ I using volatilization method and liquid scintillation spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1649-1655.	1.5	4
31	Modified biosorbent wood-decay fungus Fomes fomentarius for pre-concentration of ¹³⁷ Cs in water samples. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2493-2500.	1.5	4
32	Sorption of anthropogenic radionuclides onto river sediments and suspended solids: dependence on sediment composition. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 983-991.	1.5	4
33	Determination of ^{239,240} Pu, ²³⁸ Pu isotopes in soil samples using molecular recognition technology product AnaLig [®] Pu-02 gel. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 847-850.	1.5	3
34	Development of ¹²⁶ Sn separation method by means of anion exchange resin and gamma spectroscopy. Applied Radiation and Isotopes, 2017, 123, 128-132.	1.5	3
35	Preparation and characterization of MnO ₂ - SiO ₂ composite resin for ²²⁶ Ra pre-concentration in water samples. Applied Radiation and Isotopes, 2018, 140, 96-101.	1.5	3
36	Sequential determination of ⁹⁰ Sr and ²¹⁰ Pb in bone samples using molecular recognition technology product AnaLig [®] Sr-01. Microchemical Journal, 2020, 157, 105123.	4.5	3

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37	Sequential determination of ⁹⁹ Tc and ¹²⁶ Sn in radioactive concentrate. Acta Chimica Slovaca, 2017, 10, 61-64.	0.8	3
38	A comparison of ⁹⁰ Sr determination methods using separation on AnaLig® Sr-01 gel and non-destructive direct beta spectrometry. Radiation Physics and Chemistry, 2015, 112, 56-60.	2.8	2
39	Determination of ²²⁶ Ra in building materials using ion exchange chromatography. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1401-1405.	1.5	2
40	Development of separation procedures for determination of uranium and thorium in the ⁸² Se source of the SuperNEMO experiment: first steps. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2321-2327.	1.5	2
41	Determination of ⁹⁰ Sr in radioactive concentrate from Nuclear Power Plant Mochovce. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1661-1664.	1.5	1
42	Determination of ²²⁶ Ra using molecular recognition technology product AnaLig® Sr-01. Journal of Radioanalytical and Nuclear Chemistry, 2015, 309, 853.	1.5	1
43	Tracing of radiocesium extraction from waters and uranium content in liquid samples by particle induced X-ray emission (PIXE). Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 591-597.	1.5	1
44	Determination of caesium-137 in water samples using modified carbon microfibers. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1275-1284.	1.5	1
45	Rapid determination of ²³⁹ Pu in urine samples using molecular recognition technology product AnaLig® Pu-02 gel. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 439-442.	1.5	0
46	Determination of difficult-to-measure actinides in evaporator concentrate. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 459-465.	1.5	0
47	Determination of ⁷⁹ Se using a volatilisation method and liquid scintillation spectrometry. Applied Radiation and Isotopes, 2019, 148, 35-39.	1.5	0