Sheldon Landsberger

List of Publications by Year
in descending order

151 papers	1,825 citations	304368 22 h-index	377514 34 g-index
154 all docs	154 docs citations	154 times ranked	1808 citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative determination of source regions of aerosol in Canadian high Arctic. Environmental Science & Technology, 1993, 27, 2063-2071.	4.6	143
2	The impact of heavy metals from environmental tobacco smoke on indoor air quality as determined by Compton suppression neutron activation analysis. Science of the Total Environment, 1995, 173-174, 323-337.	3.9	63
3	Validation of a 3-D enhancement of the Universal Soil Loss Equation for prediction of soil erosion and sediment deposition. Catena, 2005, 64, 281-296.	2.2	58
4	Review of soluble uranium removal by nanoscale zero valent iron. Journal of Environmental Radioactivity, 2016, 164, 65-72.	0.9	48
5	A Factor and Trends Analysis of Multidecadal Lower Tropospheric Observations of Arctic Aerosol Composition, Black Carbon, Ozone, and Mercury at Alert, Canada. Journal of Geophysical Research D: Atmospheres, 2019, 124, 14133-14161.	1.2	47
6	Composition of the Finnish Arctic aerosol: collection and analysis of historic filter samples. Atmospheric Environment, 2003, 37, 2355-2364.	1.9	45
7	Atmospheric aerosol over Finnish Arctic: source analysis by the multilinear engine and the potential source contribution function. Atmospheric Environment, 2003, 37, 4381-4392.	1.9	44
8	Determination of the elemental distribution in cigarette components and smoke by instrumental neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1997, 217, 77-82.	0.7	43
9	Design of a Geî—¸NaI(Tl) Compton suppression spectrometer and its use in neutron activation analysis. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 299, 85-87.	0.7	42
10	Self-attenuation as a function of gamma ray energy in naturally occurring radioactive material in the oil and gas industry. Applied Radiation and Isotopes, 2015, 97, 21-23.	0.7	41
11	Determination of airborne cadmium in environmental tobacco smoke by instrumental neutron activation analysis with a compton suppression system. Analytical Chemistry, 1993, 65, 1506-1509.	3.2	37
12	Intra-urban precipitation quality: Hamilton, Canada. Water, Air, and Soil Pollution, 1988, 38, 37-53.	1.1	37
13	Source-Receptor Modeling Using Trace Metals in Aerosols Collected at Three Rural Canadian Great Lakes Sampling Stations. Journal of the Air and Waste Management Association, 1998, 48, 227-237.	0.9	36
14	Leaching Dynamics Studies of Municipal Solid Waste Incinerator Ash. Journal of the Air and Waste Management Association, 1995, 45, 579-590.	0.9	35
15	Compton suppression neutron activation analysis: Past, present and future. Journal of Radioanalytical and Nuclear Chemistry, 1996, 202, 201-224.	0.7	35
16	Compton suppression neutron activation methods in environmental analysis. Journal of Radioanalytical and Nuclear Chemistry, 1994, 179, 67-79.	0.7	32
17	Determination of 226Ra, 228Ra and 210Pb in NORM products from oil and gas exploration: Problems in activity underestimation due to the presence of metals and self-absorption of photons. Journal of Environmental Radioactivity, 2013, 125, 23-26.	0.9	32
18	Proliferation Resistance Assessment Methodology for Nuclear Fuel Cycles. Nuclear Technology, 2007, 157, 143-156.	0.7	30

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19	Comparison of neutron activation analysis techniques for the determination of uranium concentrations in geological and environmental materials. Journal of Environmental Radioactivity, 2013, 117, 41-44.	0.9	30
20	Neutron irradiation effects on domain wall mobility and reversibility in lead zirconate titanate thin films. Journal of Applied Physics, 2013, 113, 124104.	1.1	29
21	Sorption Capacity of Ferromagnetic Microparticles Coated with CMPO. Separation Science and Technology, 1997, 32, 115-126.	1.3	24
22	Contents and Leachability of Heavy Metals (Pb, Cu, Sb, Zn, As) in Soil at the Pantex Firing Range, Amarillo, Texas. Journal of the Air and Waste Management Association, 2001, 51, 1428-1435.	0.9	22
23	NADA92: An automated, user-friendly program for neutron activation data analysis. Journal of Radioanalytical and Nuclear Chemistry, 1994, 180, 55-63.	0.7	21
24	Determination of the Leaching Dynamics of Metals from Municipal Solid Waste Incinerator Fly Ash Using a Column Test. Journal of the Air and Waste Management Association, 1996, 46, 643-649.	0.9	21
25	Trace elements in 11 fruits widely-consumed in the USA as determined by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 237-240.	0.7	21
26	Calibration of HPGe detectors using certified reference materials of natural origin. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1507-1517.	0.7	20
27	Source Apportionment with Site Specific Source Profiles. Journal of the Air and Waste Management Association, 1991, 41, 294-305.	0.2	18
28	Compton suppression method and epithermal NAA in the determination of nutrients and heavy metals in Nigerian food and beverages. Applied Radiation and Isotopes, 2010, 68, 1909-1914.	0.7	18
29	Radiological and non-radiological leaching assessment of alkali-activated materials containing ground granulated blast furnace slag and phosphogypsum. Science of the Total Environment, 2019, 660, 1098-1107.	3.9	18
30	Trace metal analysis of size‐fractioned municipal solid waste incinerator fly ash and its leachates. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1993, 28, 423-441.	0.1	16
31	A comprehensive study for the determination of forty eight elements in the certification of a hazardous standard reference material. Journal of Radioanalytical and Nuclear Chemistry, 1995, 193, 49-59.	0.7	16
32	Crystallographic changes in lead zirconate titanate due to neutron irradiation. AIP Advances, 2014, 4, .	0.6	16
33	Multielemental composition of the Arctic aerosol. Journal of Geophysical Research, 1990, 95, 3509-3515.	3.3	15
34	NADA: A versatile PC based program for neutron activation data analysis. Journal of Radioanalytical and Nuclear Chemistry, 1992, 160, 277-287.	0.7	15
35	Improved detection limits for trace elements on aerosol filters using Compton suppression counting and epithermal irradiation techniques. Journal of Radioanalytical and Nuclear Chemistry, 1995, 192, 195-204.	0.7	15
36	Lead and copper contamination of soil from industrial activities and firing ranges. Biological Trace Element Research, 1999, 71-72, 387-396.	1.9	15

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37	The use of silver nanoparticles for the recovery of uranium from seawater by means of biofouling mitigation. Sustainable Energy and Fuels, 2018, 2, 2303-2313.	2.5	15
38	Mobile Robotic Radiation Surveying With Recursive Bayesian Estimation and Attenuation Modeling. IEEE Transactions on Automation Science and Engineering, 2022, 19, 410-424.	3.4	15
39	Non-destructive determination of aluminum in biological reference samples using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1989, 137, 443-454.	0.7	14
40	Comparison of NAA methods to determine medium-lived radionuclides in NIST soil standard reference materials. Journal of Radioanalytical and Nuclear Chemistry, 1994, 179, 155-164.	0.7	14
41	Trace element content of medicinal plants from Algeria. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 95-99.	0.7	14
42	Determination of 137Cs in Soil Samples by Low-Level Compton Suppression Gamma-Counting. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 159-163.	0.7	13
43	Atmospheric trace metal characterization in industrial area of Lisbon, Portugal. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 55-62.	0.7	13
44	Measurement of uranium in small quantities in phosphates by use of γ-ray spectrometry and the 1001 keV peak of 234mPa. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 293-298.	0.7	13
45	Trace elements in municipal solid waste incinerator fly ash. Journal of Radioanalytical and Nuclear Chemistry, 1993, 167, 331-340.	0.7	12
46	Study of PM2.5 in Beijing suburban site by neutron activation analysis and source apportionment. Journal of Radioanalytical and Nuclear Chemistry, 2004, 261, 87-94.	0.7	12
47	Compton suppression instrumental neutron activation analysis performance in determining trace- and minor-element contents in foodstuff. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 149-156.	0.7	12
48	The determination of uranium in food samples by Compton suppression epithermal neutron activation analysis. Applied Radiation and Isotopes, 2009, 67, 2097-2099.	0.7	12
49	Gamma-gamma coincidence performance of LaBr3:Ce scintillation detectors vs HPGe detectors in high count-rate scenarios. Applied Radiation and Isotopes, 2017, 122, 116-120.	0.7	12
50	The application of illite supported nanoscale zero valent iron for the treatment of uranium contaminated groundwater. Journal of Environmental Radioactivity, 2017, 175-176, 1-6.	0.9	12
51	Investigation of bauxite residue (red mud) in terms of its environmental risk. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 339-346.	0.7	12
52	Environmental assessment of red mud by determining natural radionuclides using neutron activation analysis. Environmental Earth Sciences, 2019, 78, 1.	1.3	12
53	Improvement of analytical sensitivies for the determination of antimony, arsenic, cadmium, indium, iodine, molybdenum, silicon and uranium in airborne particulate matter by epithermal neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1993, 167, 219-225.	0.7	11
54	Analysis of the Arctic aerosol for a ten year period using various neutron activation analysis methods. Journal of Radioanalytical and Nuclear Chemistry, 1997, 217, 11-15.	0.7	11

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55	Use of coincident and non-coincident gamma-rays in Compton suppression neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2005, 263, 817-821.	0.7	11
56	Evaluation of 40K in food by determining total potassium using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 487-490.	0.7	11
57	The Uptake of Copper by Aldama dentata: Ecophysiological Response, Its Modeling, and the Implication for Phytoremediation. Water, Air, and Soil Pollution, 2011, 220, 37-55.	1.1	11
58	Elemental source signatures of aerosols from the Canadian high Arctic. Environmental Pollution, 1992, 75, 181-187.	3.7	10
59	A comparative study of IC, ICP-AES, and NAA measurements on chlorine, bromine, and sodium in natural waters. Journal of Radioanalytical and Nuclear Chemistry, 1996, 211, 473-484.	0.7	10
60	Determination of bromine, chlorine and iodine in environmental aqueous samples by epithermal neutron activation analysis and Compton suppression. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 697-702.	0.7	10
61	Neutron flux characterization techniques for radiation effects studies. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 503-507.	0.7	10
62	Intercomparison of IAEA airborne particulate matter reference material. Journal of Radioanalytical and Nuclear Chemistry, 1997, 215, 117-127.	0.7	9
63	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 249, 303-305.	0.7	9
64	The simultaneous determination of 235U and 239Pu using delayed neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1721-1726.	0.7	9
65	Determination of isotopic ratios of uranium samples using passive gamma spectroscopy with multiple detectors. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1171-1175.	0.7	9
66	Non-destructive determination of uranium, thorium and 40K in tobacco and their implication on radiation dose levels to the human body. Radiation Protection Dosimetry, 2015, 167, 243-246.	0.4	9
67	Characterization of bauxite residue (red mud) for 235 U, 238 U, 232 Th and 40 K using neutron activation analysis and the radiation dose levels as modeled by MCNP. Journal of Environmental Radioactivity, 2017, 173, 97-101.	0.9	9
68	Non-destructive analysis of copper in human brain tissue by neutron activation analysis using coincidence and anti-coincidence techniques. Journal of Radioanalytical and Nuclear Chemistry, 1997, 217, 153-155.	0.7	8
69	An evaluation of Compton suppression neutron activation analysis for determination of trace elements in some geological samples. Applied Radiation and Isotopes, 2009, 67, 2104-2109.	0.7	8
70	Selenium and mercury determination in biological samples using gamma–gamma coincidence and Compton suppression. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 49-53.	0.7	8
71	SELFABS: A PC computer code for the determination of the self-absorption fractions of gamma-rays for neutron activation analysis. Nuclear Instruments & Methods in Physics Research B, 1990, 44, 479-483.	0.6	7
72	Neutron activation analysis correction for the calculation of bromine concentrations via the79Br(n,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	7

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73	An evaluation of thermal and epithermal neutron activation analysis compton suppression methods for biological reference materials. Biological Trace Element Research, 1999, 71-72, 453-461.	1.9	7
74	Multielemental Analysis of Solid Wastes and Leachates. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 35-40.	0.7	7
75	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 250, 583-586.	0.7	7
76	Leaching dynamics of uranium in a contaminated soil site. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 319-322.	0.7	7
77	Measuring activity of 235, 238U, 232Th and 40K in geological materials using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 323-327.	0.7	7
78	Mobile Robotic Radiation Surveying Using Recursive Bayesian Estimation. , 2019, , .		7
79	Nanogram Determination of Indium Using Epithermal Neutrons and Its Application in Potential Source Contribution Function of Airborne Particulate Matter in the Arctic Aerosol. Nuclear Science and Engineering, 1992, 110, 79-83.	0.5	6
80	Evaluation of atmospheric airborne particles in Lisbon, Portugal using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 47-53.	0.7	6
81	Characterization of a plutonium beryllium source for use in neutron damage studies. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 807-811.	0.7	6
82	A robust, field-deployable method for the electrodeposition of actinides. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 369-373.	0.7	6
83	Determination of chromium in biological reference materials by instrumental NAA using Compton suppression. Journal of Radioanalytical and Nuclear Chemistry, 1994, 181, 61-70.	0.7	5
84	Gamma-ray self attenuation calculations in neutron activation ananlysis: A problem overlooked. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 327-332.	0.7	5
85	Naturally occurring heavy radioactive elements in the geothermal microcosm of the Los Azufres (Mexico) volcanic complex. Journal of Environmental Radioactivity, 2015, 139, 33-42.	0.9	5
86	MCNP modeling of NORM dosimetry in the oil and gas industry. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 367-371.	0.7	5
87	Investigation of Jordanian uranium resources in carbonate rocks. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 1063-1070.	0.7	5
88	Quality control in the analysis of radioactivity from the oil exploration sector. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 2539-2542.	0.7	5
89	Disequilibrium in the uranium and actinium series in oil scale samples. Journal of Environmental Radioactivity, 2017, 166, 126-129.	0.9	5
90	Neutron activation analysis for the characterization of seawater uranium adsorbents. Applied Radiation and Isotopes, 2018, 133, 4-8.	0.7	5

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91	Gamma–gamma coincidence in neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 527-532.	0.7	5
92	Coal Utilization in India: Mobilization of Selected Elements to the Surface Environment. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1990, 12, 297-314.	0.5	4
93	Application of neutron activation analysis in a fission molybdenum separation study. Journal of Radioanalytical and Nuclear Chemistry, 1997, 216, 101-105.	0.7	4
94	Heavy Metals in Urban Soils of East St. Louis, IL Part II: Leaching Characteristics and Modeling. Journal of the Air and Waste Management Association, 2000, 50, 1680-1687.	0.9	4
95	Web-based radiochemistry training at the University of Texas at Austin. Journal of Radioanalytical and Nuclear Chemistry, 2005, 263, 121-126.	0.7	4
96	Evidence of tin and other anthropogenic metals in particulate matter in Lisbon, Portugal. Journal of Radioanalytical and Nuclear Chemistry, 2009, 281, 273-278.	0.7	4
97	Separation of cesium-137 from uranium fission products via a Neoflon® column supporting tetraphenylboron. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 281-282.	0.7	4
98	Determination of silver using cyclic epithermal neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 509-513.	0.7	4
99	The correct and incorrect way to calibrate a Compton suppression counting system for gamma-ray efficiency. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 309-313.	0.7	4
100	Monitoring of neutron flux changes in short-lived neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 329-332.	0.7	4
101	Measuring the noble metal and iodine composition of extracted noble metal phase from spent nuclear fuel using instrumental neutron activation analysis. Applied Radiation and Isotopes, 2015, 98, 66-70.	0.7	4
102	Simultaneous Determination of Gallium and Molybdenum in Reference Materials Using Epithermal Activation Analysis and a Well-Type Germanium Detector. Geostandards and Geoanalytical Research, 1990, 14, 149-152.	1.7	3
103	Determination of some elements by epithermal neutron activation analysis for the Arctic aerosol. Journal of Radioanalytical and Nuclear Chemistry, 2005, 263, 823-828.	0.7	3
104	{tf1ansiansicpg1250deff0deflang1038deflangfe1038deftab708{onttbl{0romanprq2charset238{*name Times New Roman;}Times New Roman CE;}} viewkind4uc1pard0s24 Neutron activation analysis using Excel files and Canberra Genie-2000 par }. Journal of Radioanalytical and Nuclear Chemistry, 2005, 264, 235-237.	0.7	3
105	Determination of cadmium in Arctic air filters by epithermal neutron activation analysis and Compton suppression. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 193-197.	0.7	3
106	Characterization of a Compton suppression system and the applicability of Poisson statistics. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 577-581.	0.7	3
107	A web-based course in nuclear and radiochemistry. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 229-231.	0.7	3
108	Determination of macroconstituents and trace elements in naturally occurring radioactive material in oil exploration waste products. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1717-1720.	0.7	3

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109	Determining trace amounts of nickel in plant samples by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 315-317.	0.7	3
110	Determination of zinc in geological samples using Compton suppression with thermal and epithermal instrumental neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 379-382.	0.7	3
111	Comparative Analyses of Lead and Copper in Metal-Accumulating Plants with and without Mycorrhizae. Communications in Soil Science and Plant Analysis, 2013, 44, 3293-3309.	0.6	3
112	Non-destructive determination of 235U, 238U, 232Th and 40K concentrations in various consumed nuts and their implication on radiation dose levels to the human body. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1065-1068.	0.7	3
113	Determination of Selenium in coal fly ash via Î³â€"Î³ coincidence neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 733-737.	0.7	3
114	An assessment study in the determination of chemical elements in sediments and fish in the Zarka River and King Talal Dam, Jordan. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 141-147.	0.7	3
115	Training Future Engineers to Be Ghostbusters: Hunting for the Spectral Environmental Radioactivity. Education Sciences, 2019, 9, 15.	1.4	3
116	Simultaneous analysis of lead and tin in soil samples from a lead smelter in Jos, Nigeria by Xâ€"ray fluorescence Spectrometry. International Journal of Environmental Studies, 1996, 50, 139-144.	0.7	2
117	Determination of soil depth profiles for 137Cs and 210Pb using gamma-ray spectrometry with Compton suppression. Journal of Radioanalytical and Nuclear Chemistry, 2005, 264, 469-476.	0.7	2
118	Development of a graduate curriculum in nuclear and radiochemistry and the research interactions with US Department of Energy national laboratories. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 253-257.	0.7	2
119	Further development of a graduate program in nuclear and radiochemistry at the University of Texas. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 863-866.	0.7	2
120	Neutron activation analysis of aerosolized sodium chloride to simulate size-fractionation of plutonium in a glovebox. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 157-160.	0.7	2
121	Characterisation of antimony, arsenic, cadmium, copper and tin occurrences at an abandoned sulphide-mining area. International Journal of Environment and Health, 2010, 4, 166.	0.3	2
122	Trace analysis and leaching dynamics of volcanic ash using NAA and ICP-MS. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 375-378.	0.7	2
123	Further investigation of epithermal neutron activation analysis in the determination of heavy metals in the Arctic atmosphere. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 2465-2469.	0.7	2
124	Verification of I-125 brachytherapy source strength for use in radioactive seed localization procedures. Applied Radiation and Isotopes, 2016, 112, 62-68.	0.7	2
125	Determination of Ag, Au, Cu and Zn in ore samples from two Mexican mines by various thermal and epithermal NAA techniques. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 955-961.	0.7	2
126	Determination of cesium transfer factors by instrumental neutron activation analysis. Journal of Environmental Radioactivity, 2018, 187, 16-21.	0.9	2

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127	A non-destructive analytical technique for low level detection of praseodymium using epithermal neutron activation analysis and compton suppression gamma-ray spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 369-373.	0.7	2
128	Improvement of quality in the evaluation of radium isotopes 224,226,228Ra in oil scale samples. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1305-1309.	0.7	2
129	An E-learning tool as living book for knowledge preservation in neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 737-741.	0.7	2
130	An online neutron activation analysis database (NAADB). Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 329-336.	0.7	2
131	Trace Metal and Rare Earth Content of Black Precipitation Events. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1990, 12, 363-369.	0.5	1
132	Leaching of chlorine from Celotex packaging in stainless steel containers storing plutonium pits. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 689-694.	0.7	1
133	Nuclear forensics education at the University of Texas at Austin. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 333-337.	0.7	1
134	Comparison of background gamma-ray spectra between Los Alamos, New Mexico and Austin, Texas. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 349-355.	0.7	1
135	Quality assurance of temporal variability of natural decay chain and neutron induced background for low-level NORM analysis. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 2459-2463.	0.7	1
136	Development of boron calibration via hybrid comparator method in prompt gamma activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 271-277.	0.7	1
137	Interferences in the determination of lutetium using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1201-1205.	0.7	1
138	Heavy radioactive and trans-lanthanide elements in the geothermal microecology of the Los Azufres volcanic complex. Journal of Physics: Conference Series, 2019, 1308, 012001.	0.3	1
139	A feasibility study on the determination of 90Sr food-chain transfer using stable strontium as a surrogate and neutron activation analysis. Journal of Environmental Radioactivity, 2019, 208-209, 105988.	0.9	1
140	Elemental analysis of the geothermic microecology of the Los Azufres (Mexico) volcanic complex. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1365-1371.	0.7	1
141	Radiotracer Studies of Interfaces. Journal of Radioanalytical and Nuclear Chemistry, 2005, 264, 727-727.	0.7	0
142	Trace and ultratrace elements in plants and soil. Journal of Radioanalytical and Nuclear Chemistry, 2005, 265, 163-163.	0.7	0
143	Beta-exposure in a neutron activation laboratory. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 297-302.	0.7	0
144	Establishment of an Undergraduate Research and Training Program in Radiochemistry at Florida Memorial University, a Historically Black College or University (HBCU). , 2009, , .		0

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145	Undergraduate research opportunities in neutron activation analysis for local, regional and international students. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 59-61.	0.7	0
146	Degradation of Nylon 6,6 Fire-Suppression Casing from Plutonium Glove Boxes under Alpha and Neutron Irradiation. Nuclear Technology, 2015, 191, 106-112.	0.7	0
147	A 14ÂMeV neutron irradiation facility with an automated fast cyclic pneumatic. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 101-106.	0.7	0
148	Fifth Terrestrial Radioisotopes in Environment â€" International Conference on Environmental Protection (TREICEP). Journal of Environmental Radioactivity, 2017, 173, 1.	0.9	0
149	Minimizing sample sizes while achieving accurate elemental concentrations in neutron activation analysis of precious pottery. Journal of Archaeological Science: Reports, 2018, 20, 622-625.	0.2	0
150	Long Range Transport of Heavy Metals over the Great Lakes as Determined by Neutron Activation Analysis. , 2000, , .		0
151	The Development of a Freshman Engineering Research Program. , 0, , .		0