Elisabete A De Nadai Fernandes

List of Publications by Year
in descending order

128 papers	1,451 citations	516710 16 h-index	434195 31 g-index
128 all docs	128 docs citations	128 times ranked	1355 citing authors

#	Article	IF	Citations
1	Optimization of sample preparation of Brazilian honeys for TQ-ICP-MS analysis. Talanta Open, 2022, 5, 100117.	3.7	4
2	Discriminating Beef Producing Countries by Multi-Element Analysis and Machine Learning. , 2021, 01, 01-11.		0
3	Taxonomy and Functional Diversity in the Fecal Microbiome of Beef Cattle Reared in Brazilian Traditional and Semi-Intensive Production Systems. Frontiers in Microbiology, 2021, 12, 768480.	3.5	5
4	Long-term chromium picolinate supplementation improves colostrum profile of Santa Ines ewe. Biological Trace Element Research, 2020, 193, 414-421.	3.5	3
5	Effects of Maternal Dietary Cottonseed on the Profile of Minerals in the Testes of the Lamb. Biological Trace Element Research, 2020, 197, 159-166.	3.5	8
6	Trace elements and machine learning for Brazilian beef traceability. Food Chemistry, 2020, 333, 127462.	8.2	15
7	Temporal variability of rare earth elements in Ultisol soil under citrus plants. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 219-224.	1.5	3
8	Neutron activation analysis and data mining techniques to discriminate between beef cattle diets. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1571-1578.	1.5	8
9	Arsenic and cadmium contents in Brazilian rice from different origins can vary more than two orders of magnitude. Food Chemistry, 2019, 286, 644-650.	8.2	30
10	Uptake of rare earth elements by citrus plants from phosphate fertilizers. Plant and Soil, 2019, 437, 291-299.	3.7	15
11	Trace element measurement for assessment of dog food safety. Environmental Science and Pollution Research, 2018, 25, 2045-2050.	5.3	10
12	Characterization of an innovative sugarcane leaves reference material by INAA and PGAA. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 739-744.	1.5	3
13	Ban the beauty in trace element laboratories: contamination risks of eye shadow. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 761-765.	1.5	0
14	Innovative reference material for improving the quality control in the sucroenergetic sector. Accreditation and Quality Assurance, 2018, 23, 329-336.	0.8	1
15	In Vitro Iron Bioavailability of Brazilian Food-Based by-Products. Medicines (Basel, Switzerland), 2018, 5, 45.	1.4	3
16	Elemental composition of Brazilian rice grains from different cultivars and origins. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 745-751.	1.5	12
17	Multielement determination in orange juice by ICP-MS associated with data mining for the classification of organic samples. Information Processing in Agriculture, 2017, 4, 199-205.	4.1	11
18	Arsenic in terrestrial invertebrates from riparian areas of the Piracicaba River Basin, SÃ£o Paulo State, Brazil. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1675-1681.	1.5	0

#	Article	IF	Citations
19	Finding the Most Significant Elements for the Classification of Organic Orange Leaves: A Data Mining Approach. Analytical Letters, 2017, 50, 2292-2307.	1.8	5
20	Cesium accumulation in native trees from the Brazilian Cerrado. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 1123-1129.	1.5	0
21	Elemental Characterization of Single-Wall Carbon Nanotube Certified Reference Material by Neutron and Prompt Î³ Activation Analysis. Analytical Chemistry, 2015, 87, 3699-3705.	6.5	18
22	Elemental characterization of Brazilian beans using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 701-706.	1.5	3
23	Neutron activation analysis for chemical characterization of Brazilian oxo-biodegradable plastics. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 421-426.	1.5	5
24	Instrumental neutron activation analysis of kilogram-sized samples of dog food. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 617-621.	1.5	1
25	Chemical composition of agricultural supplies used in Brazilian organic fruticulture. Biological Agriculture and Horticulture, 2014, 30, 1-7.	1.0	3
26	Mineral composition of fruit by-products evaluated by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 297, 399-404.	1.5	15
27	Tracking soil transport to sugarcane industry using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 297, 303-307.	1.5	2
28	Clean energy from sugarcane bagasse: quality evaluation by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 939-942.	1.5	3
29	Instrumental neutron activation analysis for assessing homogeneity of a whole rice candidate reference material. Journal of Radioanalytical and Nuclear Chemistry, 2013, 297, 271-275.	1.5	6
30	RARE EARTH ELEMENTS IN CITRUS PRODUCTION SYSTEMS. Journal of Plant Nutrition, 2013, 36, 762-771.	1.9	24
31	Further investigating the determination of phosphorus in plants by INAA using bremsstrahlung measurement. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 201-205.	1.5	1
32	Bioaccumulation pattern of lanthanides in pteridophytes and magnoliophytes species from Atlantic Forest. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 187-192.	1.5	9
33	Neutron activation analysis for assessing chemical composition of dry dog foods. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 245-250.	1.5	11
34	Performance of Compton suppression system (CSS) and applicability in food matrices. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 179-185.	1.5	1
35	Macro, minor and trace elements in bovine milk from two Brazilian dairy regions. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 207-211.	1.5	5
36	Native trees for environmental quality assessment in an ecological corridor of Atlantic Forest. International Journal of Environment and Health, 2011, 5, 4.	0.3	1

#	Article	IF	Citations
37	Survey of lanthanoids in plants from a tropical region. International Journal of Environment and Health, 2011, 5, 32.	0.3	10
38	Atmospheric chemical element pollution in an urban water-associated environment. International Journal of Environment and Health, 2011, 5, 148.	0.3	1
39	Chemical Elements in Organic and Conventional Sweet Oranges. Biological Trace Element Research, 2011, 144, 1289-1294.	3.5	6
40	Neutron activation analysis: A primary method of measurement. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 193-241.	2.9	326
41	Informational Asymmetry in the Brazilian Orange Juice Market. International Journal of Fruit Science, 2011, 11, 17-29.	2.4	5
42	Native plant bioaccumulation strategies: a baseline study for biomonitoring the Atlantic Forest. International Journal of Environment and Health, 2010, 4, 181.	0.3	3
43	Sustainable sampling of native bromeliads for environmental monitoring. International Journal of Environment and Health, 2010, 4, 216.	0.3	1
44	Fertilizers applied to certified organic tomato culture. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 51-54.	1.5	1
45	Characterizing suspended sediments from the Piracicaba River Basin by means of k0â€"INAA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 479-483.	1.6	7
46	k0-INAA for determining chemical elements in bird feathers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 473-478.	1.6	5
47	Radiological impact of phosphogypsum surface application in a no-till system in Southern Brazil. Pesquisa Agropecuaria Brasileira, 2010, 45, 1456-1464.	0.9	6
48	Radiological Impact of Phosphogypsum Application in Agriculture. , 2010, , .		3
49	Arsenic and Chromium in Brazilian Agricultural Supplies. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 910-915.	2.3	9
50	Neutron Activation Analysis: A Primary (Ratio) Method to Determine SI-Traceable Values of Element Content in Complex Samples. Chimia, 2009, 63, 678.	0.6	17
51	Determination of uranium in phosphoric acid using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2009, 281, 211-213.	1.5	4
52	Chemical analysis of dairy cattle feed from Brazil. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 497.	1.5	2
53	Chemical changes in bromeliad leaves at different vegetative stages. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 111-115.	1.5	5
54	Chemical composition of bovine milk from Minas Gerais State, Brazil. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 493-496.	1.5	2

#	Article	IF	Citations
55	Quality of sugarcane in productive process of ethanol evaluated by INAA. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 105-109.	1.5	2
56	Improving sample representativeness in environmental studies: a major component for the uncertainty budget. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 125-132.	1.5	2
57	Assessing sample representativeness for inorganic chemical investigation of invertebrates by INAA. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 117.	1.5	1
58	Elemental composition changes in citrus affected by the CVC disease. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 371-374.	1.5	2
59	Chemical composition of tomato seeds affected by conventional and organic production systems. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 399-402.	1.5	4
60	Sampling study in milk storage tanks by INAA. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 403-407.	1.5	0
61	Collimated scanning LS-INAA for testing trace elements homogeneity in Brazilian coffee beans. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 415-418.	1.5	3
62	Native bromeliads as biomonitors of airborne chemical elements in a Brazilian restinga forest. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 423-427.	1.5	14
63	Status of chemical elements in Atlantic Forest tree species near an industrial complex. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 429-433.	1.5	11
64	Relevance of leaf surface contamination for assessing chemical composition of bromeliads in a restinga forest. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 435-439.	1.5	2
65	Chemical characterization of agricultural supplies applied to organic tomato cultivation. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 517-520.	1.5	0
66	INAA with gamma-gamma coincidence for selenium determination in food. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 761-765.	1.5	6
67	Characterization of Brazilian commercial milks by instrumental neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 107-112.	1.5	5
68	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.	1.5	12
69	Atlantic Forest: A natural reservoir of chemical elements. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 221-228.	1.5	7
70	A new monitor for routine thermal and epithermal neutron fluence rate monitoring in k0 INAA. Applied Radiation and Isotopes, 2008, 66, 1964-1969.	1.5	16
71	INAA with Compton suppression: How much can the analysis of plant materials be improved?. Journal of Radioanalytical and Nuclear Chemistry, 2007, 271, 345-351.	1.5	13
72	Can impurities from soil-contaminated coffees reach the cup?. Journal of Radioanalytical and Nuclear Chemistry, 2007, 271, 371-375.	1.5	9

#	Article	IF	Citations
73	Soil-leaf transfer of chemical elements for the Atlantic Forest. Journal of Radioanalytical and Nuclear Chemistry, 2007, 271, 405-411.	1.5	14
74	Analytical quality in environmental studies: uncertainty evaluation of chemical concentrations determined by INAA. Brazilian Archives of Biology and Technology, 2006, 49, 101-106.	0.5	4
75	Rare earth elements in sediment profiles from marginal lagoons of the Moji-GuaÃ§u River basin, Brazil. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 15-20.	1.5	4
76	Surface contamination effects on leaf chemical composition in the Atlantic Forest. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 69-73.	1.5	14
77	Differences between elemental composition of orange juices and leaves from organic and conventional production systems. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 203-208.	1.5	17
78	Evaluation of conventional and organic beans by instrumental neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 249-252.	1.5	6
79	Quality assessment of organic coffee beans for the preparation of a candidate reference material. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 371-375.	1.5	8
80	Assuring the reliability of mass spectrometry for the routine determination of traces of doping in horse-urine. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 389-396.	1.5	2
81	INAA for the validation of chromium and copper determination in copper chromite by infrared spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 403-406.	1.5	6
82	True coincidence correction for k0-method in INAA of plant materials with well-type detectors. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 447-450.	1.5	2
83	Quality system implementation in a Brazilian university laboratory. Accreditation and Quality Assurance, 2006, 10, 594-598.	0.8	10
84	SeleÃ§Ã£o de epÃfitas acumuladoras de elementos quÃmicos na Mata AtlÃ¢ntica. Biota Neotropica, 2006, 6, .	1.0	20
85	Trace elements in nail polish as a source of contamination of nail clippings when used in epidemiological studies. Journal of Radioanalytical and Nuclear Chemistry, 2005, 264, 61-65.	1.5	17
86	Inorganic chemical composition of native trees of the Atlantic Forest. Environmental Monitoring and Assessment, 2005, 102, 349-357.	2.7	13
87	Time still to restore the polluted Piracicaba river basin. Journal of Radioanalytical and Nuclear Chemistry, 2004, 259, 217-221.	1.5	7
88	Conventional and organic potatoes: Assessment of elemental composition using k0-INAA. Journal of Radioanalytical and Nuclear Chemistry, 2004, 259, 421-424.	1.5	19
89	Native Trees as Biomonitors of Chemical Elements in the Biodiversity Conservation of the Atlantic Forest. Journal of Atmospheric Chemistry, 2004, 49, 579-592.	3.2	21
90	Ni-Cr Alloy as Neutron Flux Monitor: Composition and Homogeneity Assessment by NAA. Journal of Radioanalytical and Nuclear Chemistry, 2003, 257, 113-115.	1.5	54

#	Article	IF	Citations
91	Natural radionuclide-free phosphoric acid production. Journal of Radioanalytical and Nuclear Chemistry, 2003, 257, 117-121.	1.5	6
92	Quantu-design and development of a software package dedicated to k0-standardized NAA. Journal of Radioanalytical and Nuclear Chemistry, 2003, 257, 577-582.	1.5	68
93	Quality assessment in a Brazilian laboratory performing k0-NAA. Journal of Radioanalytical and Nuclear Chemistry, 2003, 257, 653-657.	1.5	4
94	Pathway of rare-earth elements in a Brazilian forestry fragment. Journal of Alloys and Compounds, 2002, 344, 21-26.	5.5	13
95	Translocation studies of 137Cs and 90Sr in bean plants (Phaseolus vulgaris): simulation of fallout. Environmental Pollution, 2002, 120, 151-155.	7.5	12
96	Organic coffee discrimination with INAA and data mining/KDD techniques: new perspectives for coffee trade. Accreditation and Quality Assurance, 2002, 7, 378-387.	0.8	22
97	Restoration status of the first abandoned uranium mine in Brazil. , 2002, , 737-744.		0
98	Determination of alpha-emitting isotopes of uranium and thorium in vegetables and excreta. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 483-486.	1.5	8
99	Separation and spectrophotometric determination of thorium contained in uranium concentrate. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 549-553.	1.5	19
100	The natural radioactivity of Brazilian phosphogypsum. Journal of Radioanalytical and Nuclear Chemistry, 2001, 249, 251-255.	1.5	38
101	Iron in olive tree leaves in the Mediterranean area. Journal of Radioanalytical and Nuclear Chemistry, 2001, 249, 509-512.	1.5	11
102	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 589-594.	1.5	5
103	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 209-215.	1.5	17
104	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 595-598.	1.5	2
105	Metrology for Chemical Measurements and the Position of INAA. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 109-114.	1.5	37
106	Brazilian Experience on k0 Standardized Neutron Activation Analysis. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 217-222.	1.5	37
107	Tobacco Element Composition Determined by INAA. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 299-302.	1.5	4
108	Distribution of natural radionuclides during the processing of phosphate rock from Itataia-Brazil for production of phosphoric acid and uranium concentrate. Radiochimica Acta, 2000, 88, 809-814.	1.2	11

#	Article	IF	Citations
109	ELEMENTAL COMPOSITION OF COMMERCIAL BRAZILIAN COFFEE USING NEUTRON ACTIVATION ANALYSIS. , 2000, , .		3
110	NUCLEAR ANALYTICAL TECHNIQUES IN THE SUGAR CANE AGROINDUSTRY. , 2000, , .		0
111	Environmental control in the uranium mine Lagoa Real, Brazil. Biological Trace Element Research, 1999, 71-72, 299-308.	3.5	2
112	Natural radionuclides as dirt tracers in sugar cane consignments. Journal of Radioanalytical and Nuclear Chemistry, 1998, 235, 179-183.	1.5	2
113	From potential to reality: Yeasts derived from ethanol production for animal nutrition. Journal of Radioanalytical and Nuclear Chemistry, 1998, 234, 113-119.	1.5	3
114	Lanthanides in the study of lithologic discontinuity in soils from the Piracicaba river basin. Journal of Alloys and Compounds, 1998, 275-277, 924-928.	5.5	3
115	Determination of Ytterbium in Digesta and Animal Faeces by Electrothermal Atomic Absorption Spectrometry. Journal of Analytical Atomic Spectrometry, 1997, 12, 475-478.	3.0	6
116	Amazon estuary â€" assessment of trace elements in seabed sediments. Journal of Radioanalytical and Nuclear Chemistry, 1997, 216, 279-284.	1.5	13
117	Dirt in cane removal influenced by soil characteristics. Journal of Radioanalytical and Nuclear Chemistry, 1997, 216, 285-288.	1.5	3
118	Dynamics of chemical elements in the fermentation process of ethanol production. Journal of Radioanalytical and Nuclear Chemistry, 1997, 216, 289-292.	1.5	3
119	Comparative study of methods for determining metal elements in uranium tailings material. Journal of Radioanalytical and Nuclear Chemistry, 1997, 216, 125-128.	1.5	1
120	Determination of trace elements in tree rings ofPinus by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1997, 217, 125-129.	1.5	6
121	Similarity between trace-element composition of river and seabed sediments in the Amazon system. Geo-Marine Letters, 1996, 16, 27-30.	1.1	2
122	Trace element composition in sediments of the Amazonian Lake Cristalino. Marine and Freshwater Research, 1995, 46, 107.	1.3	2
123	Nuclear and conventional methods for soil determination in sugar cane industry. Biological Trace Element Research, 1994, 43-45, 643-648.	3.5	5
124	Evaluation of the washing system efficiency in sugar cane mills by neutron activation analysis. Biological Trace Element Research, 1994, 43-45, 663-668.	3.5	2
125	Trace elements distribution in the Amazon floodplain soils. Journal of Radioanalytical and Nuclear Chemistry, 1994, 179, 251-258.	1.5	7
126	Trace elements in a profile of the unsaturated zone of the SÃ£o Paulo Basin. Journal of Radioanalytical and Nuclear Chemistry, 1994, 179, 259-266.	1.5	4

#	Article	IF	Citations
127	Scandium as tracer in the sugar and alcohol agroindustry. Journal of Radioanalytical and Nuclear Chemistry, 1993, 168, 41-46.	1.5	29
128	Sequential injections in flow system as an alternative to gradient exploitation. Analytica Chimica Acta, 1985, 173, 289-297.	5.4	37