

Deborah Ines Teixeira Favaro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2434194/publications.pdf>

Version: 2024-02-01

86
papers

1,488
citations

331670

21
h-index

395702

33
g-index

88
all docs

88
docs citations

88
times ranked

1755
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Partitioning of radionuclides and trace elements in phosphogypsum and its source materials based on sequential extraction methods. <i>Journal of Environmental Radioactivity</i> , 2006, 87, 52-61. | 1.7 | 91 |
| 2 | Natural radioactivity in phosphate rock, phosphogypsum and phosphate fertilizers in Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005, 264, 445-448. | 1.5 | 75 |
| 3 | Sediment geochemistry in coastal maritime Antarctica (Admiralty Bay, King George Island): Evidence from rare earths and other elements. <i>Marine Chemistry</i> , 2007, 107, 464-474. | 2.3 | 67 |
| 4 | Rare earth elements as tracers of sediment contamination by phosphogypsum in the Santos estuary, southern Brazil. <i>Applied Geochemistry</i> , 2007, 22, 837-850. | 3.0 | 52 |
| 5 | Biomarkers of exposure to metal contamination and lipid peroxidation in the benthic fish <i>Cathorops spixii</i> from two estuaries in South America, Brazil. <i>Ecotoxicology</i> , 2009, 18, 1001-1010. | 2.4 | 50 |
| 6 | Caracterizaçãofísico-química do suco de açaã-de Euterpe precatoria Mart. oriundo de diferentes ecossistemas amazônicos. <i>Acta Amazonica</i> , 2011, 41, 545-552. | 0.7 | 48 |
| 7 | Impact of harbour, industry and sewage on the phosphorus geochemistry of a subtropical estuary in Brazil. <i>Marine Pollution Bulletin</i> , 2015, 93, 44-52. | 5.0 | 48 |
| 8 | Use of <i>Cathorops spixii</i> as bioindicator of pollution of trace metals in the Santos Bay, Brazil. <i>Ecotoxicology</i> , 2009, 18, 577-586. | 2.4 | 46 |
| 9 | Chemical and radiological characterization of clay minerals used in pharmaceuticals and cosmetics. <i>Applied Clay Science</i> , 2011, 52, 145-149. | 5.2 | 46 |
| 10 | Total mercury in sediments and in Brazilian Ariidae catfish from two estuaries under different anthropogenic influence. <i>Marine Pollution Bulletin</i> , 2011, 62, 2724-2731. | 5.0 | 46 |
| 11 | Soils as an Important Sink for Mercury in the Amazon. <i>Water, Air, and Soil Pollution</i> , 2001, 126, 321-337. | 2.4 | 43 |
| 12 | Daily dietary selenium intake of selected Brazilian population groups. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 259, 465-468. | 1.5 | 40 |
| 13 | Chemical composition of the fruit mesocarp of three peach palm (<i>Bactris gasipaes</i>) populations grown in Central Amazonia, Brazil. <i>International Journal of Food Sciences and Nutrition</i> , 2003, 54, 49-56. | 2.8 | 31 |
| 14 | Chemical characterization and recent sedimentation rates in sediment cores from Rio Grande reservoir, SP, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 451-463. | 1.5 | 30 |
| 15 | Radiological characterisation of disposed phosphogypsum in Brazil: evaluation of the occupational exposure and environmental impact. <i>Radiation Protection Dosimetry</i> , 2006, 121, 179-185. | 0.8 | 28 |
| 16 | Selenium status and hair mercury levels in riverine children from Rondônia, Amazonia. <i>Nutrition</i> , 2014, 30, 1318-1323. | 2.4 | 26 |
| 17 | Availability of metals and radionuclides present in phosphogypsum and phosphate fertilizers used in Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 297, 189-195. | 1.5 | 25 |
| 18 | Trace metal and rare earth elements in a sediment profile from the Rio Grande Reservoir, São Paulo, Brazil: determination of anthropogenic contamination, dating, and sedimentation rates. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 99-110. | 1.5 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Determination of Various Nutrients and Toxic Elements in Different Brazilian Regional Diets By Neutron Activation Analysis. <i>Journal of Trace Elements in Medicine and Biology</i> , 1997, 11, 129-136. | 3.0 | 24 |
| 20 | Analysis of ²¹⁰ Pb and ²¹⁰ Po in Brazilian foods and diets. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 247, 447-450. | 1.5 | 22 |
| 21 | From an Estuary to a Freshwater Lake: A Paleo-Estuary Evolution in the Context of Holocene Sea-Level Fluctuations, SE Brazil. <i>Radiocarbon</i> , 2013, 55, 1735-1746. | 1.8 | 22 |
| 22 | Rare earth element patterns in lake sediments as studied by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003, 258, 531-535. | 1.5 | 20 |
| 23 | Geochemical response of a closed-lake basin to 20th century recurring droughts/wet intervals in the subtropical Pampean Plains of South America. <i>Journal of Limnology</i> , 2004, 63, 21. | 1.1 | 20 |
| 24 | Distribution of radionuclides and elements in Cubatão River sediments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 269, 767-771. | 1.5 | 20 |
| 25 | An environmental forensic approach for tropical estuaries based on metal bioaccumulation in tissues of <i>Callinectes danae</i> . <i>Ecotoxicology</i> , 2016, 25, 91-104. | 2.4 | 20 |
| 26 | Metal distribution in sediment cores from São Paulo State Coast, Brazil. <i>Marine Pollution Bulletin</i> , 2011, 62, 1130-1139. | 5.0 | 19 |
| 27 | Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 244, 81-85. | 1.5 | 18 |
| 28 | Assessment of metal and trace element concentrations in the Cananóia estuary, Brazil, by neutron activation and atomic absorption techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 278, 485-489. | 1.5 | 18 |
| 29 | Instrumental neutron activation analysis, gamma spectrometry and geographic information system techniques in the determination and mapping of rare earth element in phosphogypsum stacks. <i>Environmental Earth Sciences</i> , 2016, 75, 1. | 2.7 | 18 |
| 30 | Implications on the Pb bioaccumulation and metallothionein levels due to dietary and waterborne exposures: The <i>Callinectes danae</i> case. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 415-422. | 6.0 | 18 |
| 31 | Heavy metal concentrations in soils from a remote oceanic island, Fernando de Noronha, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 1193-1206. | 0.8 | 18 |
| 32 | Determination of As, Cd, Cr, Cu, Hg, Sb and Se concentrations by radiochemical neutron activation analysis in different Brazilian regional diets. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1994, 181, 385-394. | 1.5 | 16 |
| 33 | Removal of mercury(II) and methylmercury from solution by tannin adsorbents. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 240, 361-365. | 1.5 | 16 |
| 34 | Distribution of U and Th decay series and rare earth elements in sediments of Santos Basin: Correlation with industrial activities. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005, 264, 449-455. | 1.5 | 16 |
| 35 | Quantificação de macro e micro nutrientes em algumas etnovarietades de cubiu (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 0.7 16 | 0.7 | 16 |
| 36 | Zinc levels after iron supplementation in patients with chronic kidney disease. , 2004, 14, 164-169. | | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Lacustrine sediments provide geochemical evidence of environmental change during the last millennium in southeastern Brazil. <i>Chemie Der Erde</i> , 2009, 69, 395-405. | 2.0 | 15 |
| 38 | Metal and trace element assessments of bottom sediments from medium Tietã River basin, Sao Paulo State, Brazil: part II. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 805-818. | 1.5 | 14 |
| 39 | Teores de elementos minerais em algumas populações de Camu-Camu. <i>Acta Amazonica</i> , 2003, 33, 549-554. | 0.7 | 13 |
| 40 | Vinte anos de química verde: conquistas e desafios. <i>Quimica Nova</i> , 2011, 34, 1089-1093. | 0.3 | 13 |
| 41 | Environmental contamination by technologically enhanced naturally occurring radioactive material - TENORM: A case study of phosphogypsum. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 269, 739-745. | 1.5 | 12 |
| 42 | GPX1 Pro198Leu polymorphism and GSTM1 deletion do not affect selenium and mercury status in mildly exposed Amazonian women in an urban population. <i>Science of the Total Environment</i> , 2016, 571, 801-808. | 8.0 | 11 |
| 43 | Interaction effect between thenoyltrifluoroacetone and tri-n-octylphosphine oxide in the synergistic extraction of trivalent lanthanides. Determination of the composition of the extracted species+ of the extracted species. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1987, 111, 81-94. | 1.5 | 10 |
| 44 | INAA of Trace Elements in Biological Materials Using the SLOWPOKE-2 Reactor in Jamaica. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 244, 263-266. | 1.5 | 10 |
| 45 | Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 243, 789-796. | 1.5 | 10 |
| 46 | Assessment of daily dietary intake of Hg and some essential elements in diets of children from the Amazon region. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 270, 217-223. | 1.5 | 10 |
| 47 | Radiochemical separation methods for the determination of some toxic elements in biological reference materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1991, 153, 185-199. | 1.5 | 9 |
| 48 | Neutron activation analysis of the distribution of inorganic elements among five varieties of Brazilian corn. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 164, 265-274. | 1.5 | 9 |
| 49 | Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 244, 241-245. | 1.5 | 9 |
| 50 | Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 249, 21-24. | 1.5 | 9 |
| 51 | Cooking process evaluation on mercury content in fish. <i>Acta Amazonica</i> , 2010, 40, 741-748. | 0.7 | 9 |
| 52 | Assessment of metals and trace elements in sediments from Rio Grande Reservoir, Brazil, by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 291, 147-153. | 1.5 | 9 |
| 53 | The environmental impact of informal and home productive arrangement in the jewelry and fashion jewelry chain on sanitary sewer system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10701-10713. | 5.3 | 9 |
| 54 | Emerging contaminants (Rh, Pd, and Pt) in surface sediments from a Brazilian subtropical estuary influenced by anthropogenic activities. <i>Marine Pollution Bulletin</i> , 2021, 163, 111929. | 5.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | DETERMINATION OF MERCURY AND SELENIUM IN BIOLOGICAL SAMPLES BY NEUTRON ACTIVATION ANALYSIS. <i>Instrumentation Science and Technology</i> , 2002, 20, 527-538. | 0.8 | 8 |
| 56 | Radioactive and stable elements ⁶⁴ concentration in medicinal plants from Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 281, 165-170. | 1.5 | 8 |
| 57 | Organic and total mercury determination in sediments by cold vapor atomic absorption spectrometry: methodology validation and uncertainty measurements. <i>Quimica Nova</i> , 2012, 35, 45-50. | 0.3 | 8 |
| 58 | Heavy Metals in Tissues of Blue Crabs <i>Callinectes danae</i> from a Subtropical Protected Estuary Influenced by Mining Residues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 418-422. | 2.7 | 8 |
| 59 | Metal-Associated Biomarker Responses in Crabs from a Marine Protected Area in Southeastern Brazil. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 463-477. | 4.1 | 8 |
| 60 | Preliminary study on mercury distribution in soil profiles from Serra do Navio, Amapá, using radiochemical neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998, 235, 267-272. | 1.5 | 7 |
| 61 | Chemical characterization and ²¹⁰ Pb dating in wetland sediments from the Nhecolândia Pantanal Pond, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 269, 719-726. | 1.5 | 7 |
| 62 | Biomonitoring evaluation of some toxic and trace elements in the sea urchin <i>Lytechinus variegatus</i> (Lamarck, 1816) in a marine environment: northern coast of São Paulo (Brazil). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 781-790. | 1.5 | 7 |
| 63 | Avaliação nutricional de dietas de trabalhadores em relação a proteínas, lipídeos, carboidratos, fibras alimentares e vitaminas. <i>Food Science and Technology</i> , 2006, 26, 672-677. | 1.7 | 7 |
| 64 | Neutron activation analysis at the research reactor center of IPEN/CNEN-SP- biological and environmental applications. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 259, 489-492. | 1.5 | 6 |
| 65 | Zn, Co, Cr, As, and genotoxic effects in the ichthyofauna species from polluted and non-polluted/protected estuaries of the São Paulo coast, Brazil. <i>Anais Da Academia Brasileira De Ciências</i> , 2019, 91, . | 0.8 | 6 |
| 66 | Avaliação da concentração de metais tóxicos em amostras de sedimentos dos reservatórios do complexo Billings (Guarapiranga e Rio Grande). <i>Geochimica Brasiliensis</i> , 2017, 31, 37-56. | 0.4 | 6 |
| 67 | Trace element quality control analysis of environmental samples at the Neutron Activation Analysis Laboratory, IPEN, São Paulo, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 269, 383-387. | 1.5 | 5 |
| 68 | A 2400-year record of trace metal loading in lake sediments of Lagoa Vermelha, southeastern Brazil. <i>Journal of South American Earth Sciences</i> , 2012, 33, 1-7. | 1.4 | 5 |
| 69 | Improvements in metal exposure assays: artificial food to assess bioaccumulation in the blue crab <i>Callinectes danae</i> Smith, 1869 (Crustacea, Decapoda, Portunidae). <i>International Journal of Environmental Research</i> , 2019, 13, 431-434. | 2.3 | 5 |
| 70 | NAA and XRF technique bottom sediment assessment for major and trace elements: Tietê River, São Paulo State, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 655-665. | 1.5 | 4 |
| 71 | Mercury and methylmercury concentration assessment in children's hair from Manaus, Amazonas state, Brazil. <i>Acta Amazonica</i> , 2012, 42, 279-286. | 0.7 | 4 |
| 72 | Neutron activation analysis of biological samples at the Radiochemistry Division of IPEN-CNEN/SP. <i>Biological Trace Element Research</i> , 1994, 43-45, 517-525. | 3.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Trace and major elements in geological samples from Itingussã River Basin, Sepetiba Bayâ€“â€“Rio de Janeiro. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 290, 381-389. | 1.5 | 3 |
| 74 | Neutron activation analysis applied in sediment samples from the Guarapiranga Reservoir for metals and trace elements assessment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 291, 155-161. | 1.5 | 3 |
| 75 | Major and trace element assessment of Tietã river sediments, Sã Paulo, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 797-805. | 1.5 | 3 |
| 76 | Evaluation of Zn and Fe in diets of patients with chronic renal failure. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 259, 533-536. | 1.5 | 2 |
| 77 | A geochemical and lead isotopic record from a small pond in a remote equatorial island, Fernando de Noronha, Brazil. <i>Holocene</i> , 2009, 19, 439-448. | 1.7 | 2 |
| 78 | Concentraã e retenã do selênio em peixes marinhos. <i>Food Science and Technology</i> , 2010, 30, 210-214. | 1.7 | 2 |
| 79 | Trace and some rare earth elements distribution in a sediment profile from Jurumirim Reservoir, Sã Paulo State, Brazil: total content and extracted phases. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 309, 439-451. | 1.5 | 2 |
| 80 | Caracterizaã quãmica e radiolãgica de refeies servidas pelo COSEAS/USP-SP. <i>Food Science and Technology</i> , 2009, 29, 189-194. | 1.7 | 2 |
| 81 | Assessment of iodine content in Brazilian duplicate portion diets and in table salt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 278, 391-393. | 1.5 | 1 |
| 82 | Chemical and radiological characterisation of santos estuary sediments. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 285-290. | 0.0 | 1 |
| 83 | Water Quality and Ecotoxicity Assessment in Surface Waters from Cubatã River and Surroundings, Sã Paulo, Brazil. <i>Journal of Water Resource and Protection</i> , 2017, 09, 1510-1525. | 0.8 | 1 |
| 84 | AVALIAã DE METAIS TãXICOS DE ALFACES CULTIVADAS EM HORTA URBANA NA CIDADE DE Sã PAULO, Sã PAULO. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2019, , 99-118. | 0.4 | 1 |
| 85 | Sedimentation rates and metals in sediments from the reservoir Rio Grande - Sã Paulo/Brazil. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 383-390. | 0.0 | 1 |
| 86 | Metals, trace elements and ecotoxicity in sediments of the Cubatã River, Brazil. <i>Ecotoxicology and Environmental Contamination</i> , 2018, 13, 49-61. | 0.2 | 0 |