

Catalina Gasco Leonarte

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

740
citations

471509
17
h-index

552781
26
g-index

40
all docs

40
docs citations

40
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of particle size and composition of granitic sands on the radiological behaviour of mortars. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2022, 61, 561-573.	1.9	6
2	Hybrid Cements: Mechanical Properties, Microstructure and Radiological Behavior. Molecules, 2022, 27, 498.	3.8	7
3	Improvements in the radiochemical method for separating ²²⁶ Ra in solid samples through coprecipitation with BaSO ₄ . Applied Radiation and Isotopes, 2022, 187, 110321.	1.5	1
4	Development of a reference material for analysing naturally occurring radioactive material from the steel industry. Analytica Chimica Acta, 2021, 1141, 221-229.	5.4	1
5	New Approach for the Determination of Radiological Parameters on Hardened Cement Pastes with Coal Fly Ash. Materials, 2021, 14, 475.	2.9	5
6	NORM waste, cements, and concretes. A review. Materiales De Construcción, 2021, 71, e259.	0.7	10
7	Microstructural, Mechanical and Radiological Characterization of Mortars Made with Granite Sand. Materials, 2021, 14, 5656.	2.9	3
8	Data on natural radionuclide's activity concentration of cement-based materials. Data in Brief, 2020, 33, 106488.	1.0	8
9	Gamma spectrometry and LabSOCS-calculated efficiency in the radiological characterisation of quadrangular and cubic specimens of hardened portland cement paste. Radiation Physics and Chemistry, 2020, 171, 108709.	2.8	24
10	Characteristic limits of ²³⁰ Th in alpha spectrometry with ²²⁹ Th as tracer, calculated by simulating interfering tails and overlapping peaks. Applied Radiation and Isotopes, 2020, 160, 109097.	1.5	0
11	Olive biomass ash as an alternative activator in geopolymer formation: A study of strength, radiology and leaching behaviour. Cement and Concrete Composites, 2019, 104, 103384.	10.7	58
12	Radiological behaviour of pigments and water repellents in cement-based mortars. Construction and Building Materials, 2019, 225, 879-885.	7.2	8
13	Determination of natural uranium by various analytical techniques in soils of Zacatecas State (Mexico). Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 1135-1144.	1.5	11
14	Radioactivity and Pb and Ni immobilization in SCM-bearing alkali-activated matrices. Construction and Building Materials, 2018, 159, 745-754.	7.2	31
15	Use of Genie 2000 and Excel VBA to correct for ¹³⁷ I interference in the determination of NORM building material activity concentrations. Applied Radiation and Isotopes, 2018, 142, 1-7.	1.5	25
16	First intercomparison among laboratories involved in COST Action-TU1301 "NORM4Building". Determination of natural radionuclides in ceramics. Journal of Environmental Radioactivity, 2017, 168, 4-9.	1.7	10
17	Certified reference materials for radionuclides in Bikini Atoll sediment (IAEA-410) and Pacific Ocean sediment (IAEA-412). Applied Radiation and Isotopes, 2016, 109, 101-104.	1.5	19
18	Radiological characterization of anhydrous/hydrated cements and geopolymers. Construction and Building Materials, 2015, 101, 1105-1112.	7.2	25

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19	Certified Reference Material IAEA-446 for radionuclides in Baltic Sea seaweed. Applied Radiation and Isotopes, 2014, 87, 468-474.	1.5	26
20	Vertical distribution and inventories of $^{239+240}\text{Pu}$ and mercury in Sagua la Grande estuary, Cuba. Journal of Environmental Radioactivity, 2012, 112, 23-28.	1.7	9
21	A certified reference material for radionuclides in the water sample from Irish Sea (IAEA-443). Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 603-611.	1.5	31
22	Modelling the behaviour of ^{210}Po in high temperature processes. Journal of Environmental Radioactivity, 2011, 102, 520-526.	1.7	14
23	Valorizaci3n de fosfoyeso como material de construcci3n: Aspectos radiol3gicos. Materiales De Construcci3n, 2011, 61, 503-515.	0.7	6
24	A new Certified Reference Material for radionuclides in Irish sea sediment (IAEA-385). Applied Radiation and Isotopes, 2008, 66, 1711-1717.	1.5	50
25	Spatial and temporal variations of plutonium isotopes (^{238}Pu and $^{239,240}\text{Pu}$) in sediments off the Rhone River mouth (NW Mediterranean). Science of the Total Environment, 2007, 376, 215-227.	8.0	33
26	Characterization of the NIST seaweed Standard Reference Material. Applied Radiation and Isotopes, 2006, 64, 1242-1247.	1.5	19
27	Certified reference material for radionuclides in fish flesh sample IAEA-414 (mixed fish from the Irish) Tj ETQq1 1 0.784314 rgBT /Over 46	1.5	46
28	Distribution and inventories of fallout radionuclides ($^{239+240}\text{Pu}$, ^{137}Cs) and ^{210}Pb to study the filling velocity of salt marshes in Do3ana National Park (Spain). Journal of Environmental Radioactivity, 2006, 89, 159-171.	1.7	14
29	Determination of actinides in samples obtained during dismantling activities. Journal of Radioanalytical and Nuclear Chemistry, 2005, 265, 383-387.	1.5	5
30	Distributions of Pu, Am and Cs in margin sediments from the western Mediterranean (Spanish coast). Journal of Environmental Radioactivity, 2002, 59, 75-89.	1.7	34
31	Variation of the activity concentrations and fluxes of natural (,) and anthropogenic (,) radionuclides in the Strait of Gibraltar (Spain). Journal of Environmental Radioactivity, 2002, 62, 241-262.	1.7	41
32	Distribution of natural radioactivity within an estuary affected by releases from the phosphate industry. Studies in Environmental Science, 1997, 68, 267-279.	0.0	4
33	Perturbation in the $^{240}\text{Pu}/^{239}\text{Pu}$ global fallout ratio in local sediments following the nuclear accidents at Thule (Greenland) and Palomares (Spain). Science of the Total Environment, 1997, 202, 147-153.	8.0	74
34	Procedures to define Pu isotopic ratios characterizing a contaminated area in Palomares (Spain). Journal of Radioanalytical and Nuclear Chemistry, 1997, 222, 81-86.	1.5	20
35	Influence of the submarine orography on the distribution of long-lived radionuclides in the Palomares marine ecosystem. Journal of Environmental Radioactivity, 1997, 34, 111-125.	1.7	14
36	Anthropogenic emissions of ^{210}Po , ^{210}Pb and ^{226}Ra in an estuarine environment. Journal of Radioanalytical and Nuclear Chemistry, 1996, 207, 357-367.	1.5	21

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37	Geochemical Association of Plutonium in Marine Sediments from Palomares (Spain). Radiochimica Acta, 1994, 66-67, 443-446.	1.2	13
38	Transuranics transfer in a Spanish marine ecosystem. Journal of Radioanalytical and Nuclear Chemistry, 1992, 156, 151-163.	1.5	7
39	Geochemical aspects and distribution of long-lived radionuclides in marine sediments from Palomares. Journal of Radioanalytical and Nuclear Chemistry, 1992, 161, 389-400.	1.5	7