

Rafael GarcÃ-a-Tenorio

List of Publications by Year in descending order

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152
papers

3,148
citations

147801

31
h-index

223800

46
g-index

153
all docs

153
docs citations

153
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of measurement accuracy in ²¹⁰ Pb dating sediment methods. <i>Quaternary Geochronology</i> , 2022, , 101255.	1.4	2
2	Natural radioactivity and element characterization in pit lakes in Northern Sweden. <i>PLoS ONE</i> , 2022, 17, e0266002.	2.5	1
3	Research facilities and highlights at the Centro Nacional de Aceleradores (CNA). <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	8
4	The naturally occurring radioactivity of "scalar energy"™ pendants and concomitant radiation risk. <i>PLoS ONE</i> , 2021, 16, e0250528.	2.5	5
5	Radiological and chemical risks by waste scales generated in the titanium dioxide industry. <i>Chemosphere</i> , 2021, 274, 129732.	8.2	3
6	Valorization of phosphogypsum in cement-based materials: Limits and potential in eco-efficient construction. <i>Journal of Building Engineering</i> , 2021, 44, 102506.	3.4	30
7	Evaluation of the radioactive pollution in the salt-marshes under a phosphogypsum stack system. <i>Environmental Pollution</i> , 2020, 258, 113729.	7.5	22
8	From radiometry to chronology of a marine sediment core: A ²¹⁰ Pb dating interlaboratory comparison exercise organised by the IAEA. <i>Marine Pollution Bulletin</i> , 2020, 159, 111490.	5.0	5
9	Pit lakes from Southern Sweden: natural radioactivity and elementary characterization. <i>Scientific Reports</i> , 2020, 10, 13712.	3.3	16
10	²²⁶ Ra, ²¹⁰ Po and lead isotopes in a pit lake water profile in Sweden. <i>Journal of Environmental Radioactivity</i> , 2020, 223-224, 106384.	1.7	2
11	Insights into the Pu isotopic composition (²³⁹ Pu, ²⁴⁰ Pu, and ²⁴¹ Pu) and ²³⁶ U in marshland samples from Madagascar. <i>Science of the Total Environment</i> , 2020, 740, 139993.	8.0	4
12	Environmental radioactivity and trace metals in surficial sediments from estuarine systems in Ghana (Equatorial Africa), impacted by artisanal gold-mining. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106260.	1.7	13
13	Experimental study on the use of granulometric speciation for the radiometric dating of recent sediments. <i>Journal of Environmental Radioactivity</i> , 2019, 208-209, 106016.	1.7	1
14	Quality assurance via internal tests in a newly setup laboratory for environmental radioactivity. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 891-900.	1.5	6
15	Investigating the migration of pollutants at Barreiro area, Minas Gerais State, Brazil, by the ²¹⁰ Pb chronological method. <i>Journal of Geochemical Exploration</i> , 2019, 196, 219-234.	3.2	10
16	Pollution evaluation on the salt-marshes under the phosphogypsum stacks of Huelva due to deep leachates. <i>Chemosphere</i> , 2019, 230, 219-229.	8.2	19
17	Natural radionuclides (NORM) in a Moroccan river affected by former conventional metal mining activities. <i>Journal of Sustainable Mining</i> , 2019, 18, 45-51.	0.2	12
18	Radiological evaluation of the transuranic remaining contamination in Palomares (Spain): A historical review. <i>Journal of Environmental Radioactivity</i> , 2019, 203, 55-70.	1.7	9

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19	Some naturally occurring radionuclides (NORM) in a river affected by acid mining drainages. <i>Chemosphere</i> , 2019, 223, 536-543.	8.2	6
20	Meteoric ^{10}Be in aerosol filters in the city of Seville. <i>Journal of Environmental Radioactivity</i> , 2019, 196, 15-21.	1.7	8
21	<i>Journal of Environmental Radioactivity</i> special issue: II International Conference on Radioecological Concentration Processes. (50 years later). <i>Journal of Environmental Radioactivity</i> , 2018, 186, 1-2.	1.7	0
22	^{234}Th Derived Particle Fluxes and Seasonal Variability: When Is the SS Assumption Reliable? Insights From a Novel Approach for Carbon Flux Simulation. <i>Geophysical Research Letters</i> , 2018, 45, 13,414.	4.0	8
23	Grey monazite (rare earths) mining in centre of Spain: Characterization and pre-operational radiological evaluation. <i>Chemosphere</i> , 2018, 208, 691-697.	8.2	8
24	Challenges associated with the behaviour of radioactive particles in the environment. <i>Journal of Environmental Radioactivity</i> , 2018, 186, 101-115.	1.7	66
25	Estimating the impact from Fukushima in Southern Spain by ^{131}I and Accelerator Mass Spectrometry detection of ^{129}I . <i>Journal of Environmental Radioactivity</i> , 2017, 166, 36-44.	1.7	11
26	New method for carbon dioxide mineralization based on phosphogypsum and aluminium-rich industrial wastes resulting in valuable carbonated by-products. <i>Journal of CO2 Utilization</i> , 2017, 18, 15-22.	6.8	34
27	^{226}Ra dynamic lixiviation from phosphogypsum samples by an automatic flow-through system with integrated renewable solid-phase extraction. <i>Talanta</i> , 2017, 167, 398-403.	5.5	5
28	Natural radionuclides in plants, soils and sediments affected by U-rich coal mining activities in Brazil. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 37-47.	1.7	34
29	Natural radionuclides in lichens, mosses and ferns in a thermal power plant and in an adjacent coal mine area in southern Brazil. <i>Journal of Environmental Radioactivity</i> , 2017, 167, 43-53.	1.7	36
30	Low-level determination of Th-isotopes by alpha spectrometry. Part 1: evaluation of radiochemical separation methods. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2507-2517.	1.5	1
31	An integrated automatic system to evaluate U and Th dynamic lixiviation from solid matrices, and to extract/pre-concentrate leached analytes previous ICP-MS detection. <i>Talanta</i> , 2017, 175, 507-513.	5.5	5
32	Low-level determination of Th-isotopes by alpha spectrometry. Part 2: evaluation of methods for dissolution of samples and for test sample preparation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2519-2529.	1.5	2
33	On the presence of plutonium in Madagascar following the SNAP-9A satellite failure. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 91-99.	1.7	7
34	Radiochemical characterization of produced water from two production offshore oilfields in Ghana. <i>Journal of Environmental Radioactivity</i> , 2016, 152, 35-45.	1.7	14
35	Influence of bloom dynamics on Particle Export Efficiency in the North Atlantic: a comparative study of radioanalytical techniques and sediment traps. <i>Marine Chemistry</i> , 2016, 186, 198-210.	2.3	24
36	Arsenic, lead, and uranium concentrations on sediments deposited in reservoirs in the Rio Grande Basin, USA-Mexico border. <i>Journal of Soils and Sediments</i> , 2016, 16, 1970-1985.	3.0	9

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37	Accretion rates in coastal wetlands of the southeastern Gulf of California and their relationship with sea-level rise. <i>Holocene</i> , 2016, 26, 1126-1137.	1.7	30
38	Radiological impact of natural radionuclides from soils of Salamanca, Mexico. <i>Applied Radiation and Isotopes</i> , 2016, 117, 91-95.	1.5	7
39	Ecological impacts of Al-Jalamid phosphate mining, Saudi Arabia: Soil elemental characterization and spatial distribution with INAA. <i>Applied Radiation and Isotopes</i> , 2016, 107, 382-390.	1.5	17
40	²¹⁰ Po IN THE DIET AT SEVILLE (SPAIN) AND ITS CONTRIBUTION TO THE DOSE BY INGESTION. <i>Radiation Protection Dosimetry</i> , 2015, 168, ncv019.	0.8	0
41	Application of gamma-ray spectrometry in a NORM industry for its radiometrical characterization. <i>Radiation Physics and Chemistry</i> , 2015, 116, 78-81.	2.8	20
42	Management of by-products generated by NORM industries: towards their valorization and minimization of their environmental radiological impact. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 641-648.	1.5	10
43	Radiological exposure assessment from soil, underground and surface water in communities along the coast of a shallow water offshore oilfield in Ghana. <i>Radiation Protection Dosimetry</i> , 2015, 163, 341-352.	0.8	9
44	Fitting of alpha-efficiency versus quenching parameter by exponential functions in liquid scintillation counting. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 745, 12-15.	1.6	3
45	Radioactive characterization of leachates and efflorescences in the neighbouring areas of a phosphogypsum disposal site as a preliminary step before its restoration. <i>Journal of Environmental Radioactivity</i> , 2014, 137, 79-87.	1.7	31
46	A comparative evaluation of the CF:CS and CRS models in ²¹⁰ Pb chronological studies applied to hydrographic basins in Brazil. <i>Applied Radiation and Isotopes</i> , 2014, 92, 58-72.	1.5	21
47	Use of bioassays for the assessment of areas affected by phosphate industry wastes. <i>Journal of Geochemical Exploration</i> , 2014, 147, 130-138.	3.2	17
48	Observations and modeling of slowly sinking particles in the twilight zone. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1327-1342.	4.9	30
49	Radioactive characterization of the main materials involved in the titanium dioxide production process and their environmental radiological impact. <i>Journal of Environmental Radioactivity</i> , 2013, 120, 26-32.	1.7	15
50	Evaluation of the use of TiO ₂ industry red gypsum waste in cement production. <i>Cement and Concrete Composites</i> , 2013, 37, 76-81.	10.7	66
51	Export of organic carbon and biominerals derived from ²³⁴ Th and ²¹⁰ Po at the Porcupine Abyssal Plain. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 72, 88-101.	1.4	45
52	²¹⁰ Po and ²³⁸ U isotope concentrations in commercial bottled mineral water samples in Spain and their dose contribution. <i>Radiation Protection Dosimetry</i> , 2013, 156, 336-342.	0.8	14
53	Mesoscale behavior of ⁷ Be and ²¹⁰ Pb in superficial air along the Gulf of Cadiz (south of Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.1	22
54	Occupational exposures in two industrial plants devoted to the production of ammonium phosphate fertilisers. <i>Journal of Radiological Protection</i> , 2013, 33, 199-212.	1.1	1

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55	^{90}Sr and ^{89}Sr in seawater off Japan as a consequence of the Fukushima Dai-ichi nuclear accident. <i>Biogeosciences</i> , 2013, 10, 3649-3659.	3.3	95
56	Sea-level rise and anthropogenic activities recorded in the late Pleistocene/Holocene sedimentary infill of the Guadiana Estuary (SW Iberia). <i>Quaternary Science Reviews</i> , 2012, 33, 121-141.	3.0	86
57	Influence of the Fukushima Dai-ichi nuclear accident on Spanish environmental radioactivity levels. <i>Journal of Environmental Radioactivity</i> , 2012, 114, 138-145.	1.7	38
58	Comparison of two sequential separation methods for U and Th determination in environmental samples by alpha-particle spectrometry. <i>Radiochimica Acta</i> , 2012, 100, 431-438.	1.2	13
59	Uranium in the Surrounding of San Marcos-Sacramento River Environment (Chihuahua, Mexico). <i>Scientific World Journal</i> , The, 2012, 2012, 1-13.	2.1	6
60	Determination of U and Th α -emitters in NORM samples through extraction chromatography by using new and recycled UTEVA resins. <i>Applied Radiation and Isotopes</i> , 2012, 70, 568-573.	1.5	23
61	PIXE analysis of U and Pu from hot particles: K-lines vs L-lines. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 273, 118-121.	1.4	12
62	Determination of trace element concentrations and stable lead, uranium and thorium isotope ratios by quadrupole-ICP-MS in NORM and NORM-polluted sample leachates. <i>Journal of Hazardous Materials</i> , 2012, 205-206, 198-207.	12.4	17
63	Uso del residuo industrial de yeso rojo como sustituto del yeso natural para la fabricación de cementos comerciales. <i>Materiales De Construccion</i> , 2012, 62, 183-198.	0.7	6
64	An accurate method to measure alpha-emitting natural radionuclides in atmospheric filters: Application in two NORM industries. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 557-568.	1.6	19
65	Uranium pollution in an estuary affected by pyrite acid mine drainage and releases of naturally occurring radioactive materials. <i>Marine Pollution Bulletin</i> , 2011, 62, 1521-1529.	5.0	35
66	Physico-chemical and radioactive characterization of TiO ₂ undissolved mud for its valorization. <i>Journal of Hazardous Materials</i> , 2011, 191, 269-276.	12.4	25
67	Journal of Environmental Radioactivity special issue: international topical conference on Po and radioactive Pb isotopes. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 413-414.	1.7	3
68	Characterisation of the plutonium isotopic composition of a sediment core from Palomares, Spain, by low-energy AMS and alpha-spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1273-1276.	1.4	15
69	Radioanalytical determination of actinoids in refractory matrices by alkali fusion. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 557-563.	1.5	14
70	Distribution and biokinetic analysis of ^{210}Pb and ^{210}Po in poultry due to ingestion of dicalcium phosphate. <i>Science of the Total Environment</i> , 2010, 408, 4695-4701.	8.0	8
71	A comparison of two micro-beam X-ray emission techniques for actinide elemental distribution in microscopic particles originating from the hydrogen bombs involved in the Palomares (Spain) and Thule (Greenland) accidents. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 823-829.	2.9	20
72	^{239}Pu , ^{240}Pu , and ^{241}Am Determination in Hot Particles by Low Level Gamma-Spectrometry. <i>Environmental Science & Technology</i> , 2010, 44, 4247-4252.	10.0	9

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73	Characterization of terrestrial hot particles from the Palomares accident using destructive and non-destructive analytical techniques. <i>Radioprotection</i> , 2009, 44, 345-350.	1.0	5
74	Contamination and restoration of an estuary affected by phosphogypsum releases. <i>Science of the Total Environment</i> , 2009, 408, 69-77.	8.0	52
75	Occupational dosimetric assessment (inhalation pathway) from the application of phosphogypsum in agriculture in South West Spain. <i>Journal of Environmental Radioactivity</i> , 2009, 100, 29-34.	1.7	33
76	Extensive radioactive characterization of a phosphogypsum stack in SW Spain: ²²⁶ Ra, ²³⁸ U, ²¹⁰ Po concentrations and ²²² Rn exhalation rate. <i>Journal of Hazardous Materials</i> , 2009, 164, 790-797.	12.4	40
77	Physicochemical characterization of raw materials and co-products from the titanium dioxide industry. <i>Journal of Hazardous Materials</i> , 2009, 166, 1429-1440.	12.4	75
78	Radioactivity contents in dicalcium phosphate and the potential radiological risk to human populations. <i>Journal of Hazardous Materials</i> , 2009, 170, 814-823.	12.4	42
79	In-vitro analysis of the dissolution kinetics and systemic availability of plutonium ingested in the form of ²³⁹ Pu particles from the Semipalatinsk NTS. <i>Applied Radiation and Isotopes</i> , 2009, 67, 884-888.	1.5	9
80	External radiation assessment in a wet phosphoric acid production plant. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1930-1938.	1.5	15
81	A short-time method to measure the radon potential of porous materials. <i>Applied Radiation and Isotopes</i> , 2009, 67, 133-138.	1.5	37
82	Behaviour and fluxes of natural radionuclides in the production process of a phosphoric acid plant. <i>Applied Radiation and Isotopes</i> , 2009, 67, 345-356.	1.5	78
83	Coincidence Summing Corrections in Gamma-Ray Spectrometry Using GEANT4 Code. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 1531-1536.	2.0	30
84	Natural radioactivity in aerosols collected in a NORM Industry: Radiological implications. <i>Radioprotection</i> , 2009, 44, 377-382.	1.0	4
85	²²⁶ Ra and ²²⁸ Ra determination in environmental samples by alpha-particle spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 278, 191-199.	1.5	12
86	A fitting algorithm based on simulated annealing techniques for efficiency calibration of HPGe detectors using different mathematical functions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 594, 362-367.	1.6	4
87	Levels, distribution and bioavailability of transuranic elements released in the Palomares accident (Spain). <i>Applied Radiation and Isotopes</i> , 2008, 66, 1679-1682.	1.5	3
88	Numerical analysis of alpha spectra using two different codes. <i>Applied Radiation and Isotopes</i> , 2008, 66, 808-812.	1.5	14
89	Isolation of Pu-isotopes from environmental samples using ion chromatography for accelerator mass spectrometry and alpha spectrometry. <i>Analytica Chimica Acta</i> , 2008, 606, 239-245.	5.4	41
90	The cumulative effect of three decades of phosphogypsum amendments in reclaimed marsh soils from SW Spain: ²²⁶ Ra, ²³⁸ U and Cd contents in soils and tomato fruit. <i>Science of the Total Environment</i> , 2008, 403, 80-88.	8.0	67

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91	On the presence of enriched amounts of ²³⁵ U in hot particles from the terrestrial area affected by the Palomares accident (Spain). <i>Environmental Pollution</i> , 2007, 145, 391-394.	7.5	16
92	Using Oceanography To Control And Forecast Nuclear Accidents And Other Passive Particles Problems. , 2007, , .		0
93	Development and operational performance of a single calibration chamber for radon detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 579, 1135-1140.	1.6	8
94	Characterisation of hot particles remaining in soils from Palomares (Spain) using a nuclear microprobe. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 260, 343-348.	1.4	16
95	A self-sufficient and general method for self-absorption correction in gamma-ray spectrometry using GEANT4. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 234-237.	1.6	12
96	Characterization of U/Pu particles originating from the nuclear weapon accidents at Palomares, Spain, 1966 and Thule, Greenland, 1968. <i>Science of the Total Environment</i> , 2007, 376, 294-305.	8.0	60
97	Calibration and measurement of using two independent techniques. <i>Radiation Measurements</i> , 2007, 42, 1552-1560.	1.4	27
98	Presence of plutonium contamination in soils from Palomares (Spain). <i>Environmental Pollution</i> , 2006, 142, 487-492.	7.5	29
99	A revision of energy and resolution calibration method of Ge detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 564, 295-299.	1.6	9
100	Optimized background reduction in low-level gamma-ray spectrometry at a surface laboratory. <i>Applied Radiation and Isotopes</i> , 2006, 64, 1006-1012.	1.5	21
101	Radionuclide Concentrations in Water. <i>Food Additives</i> , 2006, , 59-111.	0.1	0
102	If a nuclear accident occurs, how will the radioactive spots be transported by the ocean?. , 2005, , .		0
103	Making Predictions On The Evolution Of Radioactive Spots In The Ocean. Validation In The Baltic Sea. , 2005, , 41-48.		0
104	The Role of ²³⁸ Pu/ ²³⁹ + ²⁴⁰ Pu Activity Ratios as Isotopic Signature of Plutonium Origin in Environmental Samples: Quality Assurance in Pu Determination by Alpha-Particle Spectrometry. , 2005, , 35-39.		0
105	Uranium-Isotopes Determinations In Waters From Almonte-Marismas Aquifer (Southern Spain). , 2005, , 701-708.		0
106	Relative influence of ¹²⁹ I sources in a sediment core from the Kattegat area. <i>Science of the Total Environment</i> , 2004, 323, 195-210.	8.0	40
107	Vertical distribution of Th-isotope ratios, ²¹⁰ Pb, ²²⁶ Ra and ¹³⁷ Cs in sediment cores from an estuary affected by anthropogenic releases. <i>Science of the Total Environment</i> , 2004, 318, 143-157.	8.0	72
108	A three-dimensional model for the dispersion of radioactive substances in marine ecosystems. Application to the Baltic Sea after the Chernobyl disaster. <i>Ocean Engineering</i> , 2004, 31, 999-1018.	4.3	14

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109	Sequential extraction of ^{226}Ra in sediments from an estuary affected historically by anthropogenic inputs of natural radionuclides. <i>Journal of Environmental Radioactivity</i> , 2004, 74, 117-126.	1.7	15
110	Uranium-238 and thorium-232 series concentrations in soil, radon-222 indoor and drinking water concentrations and dose assessment in the city of Aldama, Chihuahua, Mexico. <i>Journal of Environmental Radioactivity</i> , 2004, 77, 205-219.	1.7	68
111	A semi-empirical approach for determination of low-energy gamma-emitters in sediment samples with coaxial Ge-detectors. <i>Applied Radiation and Isotopes</i> , 2004, 61, 361-366.	1.5	22
112	Monte Carlo simulation of the response of a germanium detector for low-level spectrometry measurements using GEANT4. <i>Applied Radiation and Isotopes</i> , 2004, 61, 139-143.	1.5	49
113	Mixing, sediment accumulation and focusing using ^{210}Pb and ^{137}Cs . <i>Journal of Paleolimnology</i> , 2003, 29, 1-11.	1.6	21
114	A sequential extraction procedure to determine Ra and U isotopes by alpha-particle spectrometry in selective leachates. <i>European Physical Journal D</i> , 2003, 53, A533-A538.	0.4	2
115	Validation of isotope signatures in sediments affected by anthropogenic inputs from uranium series radionuclides. <i>Environmental Pollution</i> , 2003, 123, 125-130.	7.5	13
116	Phosphogypsum Amendment Effect on Radionuclide Content in Drainage Water and Marsh Soils from Southwestern Spain. <i>Journal of Environmental Quality</i> , 2003, 32, 1262.	2.0	39
117	Determination of alpha-emitting Pu isotopes in environmental samples. <i>Analyst</i> , 2002, 127, 530-535.	3.5	20
118	Radioactive impact in sediments from an estuarine system affected by industrial wastes releases. <i>Environment International</i> , 2002, 27, 639-645.	10.0	73
119	$^{230}\text{Th}/^{232}\text{Th}$ activity ratios as a chronological marker complementing ^{210}Pb dating in an estuarine system affected by industrial releases. <i>Environmental Pollution</i> , 2001, 112, 361-368.	7.5	19
120	A DOSIMETRIC MODEL FOR DETERMINING THE EFFECTIVENESS OF SOIL COVERS FOR PHOSPHOGYPSUM WASTE PILES. <i>Health Physics</i> , 2001, 80, 34-40.	0.5	17
121	Pollutant concentrations in a sediment core dated by Th-isotopic ratios and the ^{210}Pb dating method. <i>Radiochimica Acta</i> , 2001, 89, 811-814.	1.2	2
122	Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 245, 309-315.	1.5	26
123	Radioecological study of an estuarine system located in the south of Spain. <i>Water Research</i> , 2000, 34, 2941-2950.	11.3	67
124	Determination of U isotopic ratios in environmental samples by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 889-892.	3.0	26
125	^{226}Ra determination in phosphogypsum by alpha-particle spectrometry. <i>European Physical Journal D</i> , 1999, 49, 439-444.	0.4	9
126	An easy method for Ra-226 determination in river waters by liquid-scintillation counting. <i>European Physical Journal D</i> , 1999, 49, 467-472.	0.4	8

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127	Influence of the mining activity on sediments from the Odiel river (sw of Spain) analyzed by TPIXE. Nuclear Instruments & Methods in Physics Research B, 1998, 136-138, 1000-1004.	1.4	10
128	Radioactivity of Phosphogypsum in South-West of Spain. Radiation Protection Dosimetry, 1998, 76, 185-189.	0.8	27
129	⁹⁰ Sr in lake sediments. Journal of Radioanalytical and Nuclear Chemistry, 1997, 219, 95-98.	1.5	7
130	Determination of ²²⁶ Ra and ²²⁴ Ra in drinking waters by liquid scintillation counting. Applied Radiation and Isotopes, 1997, 48, 535-540.	1.5	34
131	On self-attenuation corrections in gamma-ray spectrometry. Applied Radiation and Isotopes, 1997, 48, 1125-1126.	1.5	21
132	On the fractionation of natural radioactivity in the production of phosphoric acid by the wet acid method. Journal of Radioanalytical and Nuclear Chemistry, 1996, 214, 77-88.	1.5	61
133	Anthropogenic contamination of an estuarine system evaluated by PIXE. Nuclear Instruments & Methods in Physics Research B, 1996, 109-110, 506-510.	1.4	11
134	A method for the determination of counting efficiencies in ¹³³ I-spectrometric measurements with HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 382, 495-502.	1.6	17
135	Radioactive impact of some phosphogypsum piles in soils and salt marshes evaluated by ¹³³ I-ray spectrometry. Applied Radiation and Isotopes, 1996, 47, 1069-1075.	1.5	30
136	Photon (20-60 keV) self-absorption in small aquatic deposits. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 359, 622-624.	1.6	4
137	Radionuclide time-scales and recent environmental changes. Applied Radiation and Isotopes, 1995, 46, 627-628.	1.5	0
138	Fluxes and distribution of natural radionuclides in the production and use of fertilizers. Applied Radiation and Isotopes, 1995, 46, 717-718.	1.5	35
139	Well Ge and semi-planar Ge (HP) detectors for low-level gamma-spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 356, 376-384.	1.6	31
140	Levels and behavior of natural radioactivity in the vicinity of phosphate fertilizer plants. Journal of Radioanalytical and Nuclear Chemistry, 1995, 197, 173-184.	1.5	15
141	Environmental impact of fertilizer industries evaluated by PIXE. Nuclear Instruments & Methods in Physics Research B, 1995, 103, 477-481.	1.4	15
142	Enhancement of natural radioactivity in soils and salt-marshes surrounding a non-nuclear industrial complex. Science of the Total Environment, 1995, 173-174, 125-136.	8.0	56
143	Dating of marine sediments by an incomplete mixing model. Journal of Environmental Radioactivity, 1992, 15, 135-151.	1.7	45
144	Determination by PIXE of the elemental distribution in a lake. Nuclear Instruments & Methods in Physics Research B, 1992, 64, 538-541.	1.4	5

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145	Accuracies in Po-210 determination for lead-210 dating. <i>Hydrobiologia</i> , 1991, 214, 43-52.	2.0	29
146	Accuracies in Po-210 determination for lead-210 dating. , 1991, , 43-52.		8
147	²¹⁰ Pb(²¹⁰ Po) speciation of aquatic deposits: Refinement and utility. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990, 138, 5-15.	1.5	8
148	Low-level measurements of Ra-226/Rn-222 by pulse ionization chambers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1988, 34, 512-517.	1.4	2
149	Speciation of Pb-210/Po-210 in aquatic systems and their deposits. <i>Science of the Total Environment</i> , 1988, 69, 191-209.	8.0	13
150	²²⁶ Ra determination by electrodeposition. <i>Science of the Total Environment</i> , 1988, 69, 225-238.	8.0	1
151	An easy method for the determination of Ra isotopes and actinide alpha emitters from the same water sample. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1986, 37, 383-389.	0.5	26
152	Electrodeposition of Ra from a HCl + CH ₃ -COONH ₄ aqueous solution. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1986, 37, 441-442.	0.5	8