

# Ignasi Queralt

## List of Publications by Year in descending order

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122  
papers

3,654  
citations

168829

31  
h-index

198040

52  
g-index

125  
all docs

125  
docs citations

125  
times ranked

4398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of total-reflectance X-ray spectrometry for multielement analysis of biological samples using dilution or suspension sample preparation techniques. <i>X-Ray Spectrometry</i> , 2022, 51, 230-240.	0.9	9
2	Characterization of binders and pigments using an integrated analytical approach: Application to wooden reliefs created by Vasko Lipovac in the 1970s. <i>Microchemical Journal</i> , 2022, 173, 106959.	2.3	3
3	Analytical potential of total reflection X-ray fluorescence (TXRF) instrumentation for simple determination of major and trace elements in milk powder samples. <i>Food Chemistry</i> , 2022, 383, 132590.	4.2	14
4	X-ray fluorescence spectrometry for environmental analysis: Basic principles, instrumentation, applications and recent trends. <i>Chemosphere</i> , 2022, 303, 135006.	4.2	27
5	Ultratrace determination of metal ions using graphene oxide/carbon nanotubes loaded cellulose membranes and total-reflection X-ray fluorescence spectrometry: A green chemistry approach. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 177, 106069.	1.5	8
6	Effect of acid mine drainage (AMD) on the alteration of hydrated Portland cement and calcareous sandstone. <i>Applied Geochemistry</i> , 2021, 126, 104900.	1.4	2
7	Flow and reaction along the interface between hydrated Portland cement and calcareous rocks during CO <sub>2</sub> injection. Laboratory experiments and modeling. <i>International Journal of Greenhouse Gas Control</i> , 2021, 108, 103331.	2.3	4
8	The Colors of the Circus Mosaic from Barcino (Roman Barcelona): Characterization, Provenance, and Technology Issues. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 746.	0.8	2
9	Combining grazing incidence X-rays and micro-diffraction for qualitative phase identification in forensic powdered micro-samples. <i>Forensic Science International</i> , 2021, 328, 111054.	1.3	1
10	Deciphering past and present atmospheric metal pollution of urban environments: The role of black crusts formed on historical constructions. <i>Journal of Cleaner Production</i> , 2020, 243, 118594.	4.6	18
11	A simple and sustainable portable triaxial energy dispersive X-ray fluorescence method for in situ multielemental analysis of mining water samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 164, 105762.	1.5	10
12	Cellulose mini-membranes modified with TiO <sub>2</sub> for separation, determination, and speciation of arsenates and selenites. <i>Mikrochimica Acta</i> , 2020, 187, 430.	2.5	14
13	Pehuñon ( <i>Araucaria araucana</i> ) seed residues are a valuable source of natural antioxidants with nutraceutical, chemoprotective and metal corrosion-inhibiting properties. <i>Bioorganic Chemistry</i> , 2020, 104, 104175.	2.0	9
14	Simple and reliable determination of Zn and some additional elements in seminal plasma samples by using total reflection X-ray fluorescence spectroscopy. <i>Analytical Methods</i> , 2020, 12, 4899-4905.	1.3	7
15	Application of Supervised Machine-Learning Methods for Attesting Provenance in Catalan Traditional Pottery Industry. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 8.	0.8	10
16	Critical evaluation of the use of total reflection X-ray fluorescence spectrometry for the analysis of whole blood samples: application to patients with thyroid gland diseases. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1659-1670.	1.9	16
17	Characterisation and partition of valuable metals from WEEE in weathered municipal solid waste incineration bottom ash, with a view to recovering. <i>Journal of Cleaner Production</i> , 2019, 218, 61-68.	4.6	29
18	Determination of gold leaf thickness using X-ray fluorescence spectrometry: Accuracy comparison using analytical methodology and Monte Carlo simulations. <i>Applied Radiation and Isotopes</i> , 2019, 152, 6-10.	0.7	19

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19	Comprehensive analysis of renal arsenic accumulation using images based on X-ray fluorescence at the tissue, cellular, and subcellular levels. <i>Applied Radiation and Isotopes</i> , 2019, 150, 95-102.	0.7	14
20	Possibilities and drawbacks of total reflection X-ray fluorescence spectrometry as a fast, simple and cost-effective technique for multielement analyses of cosmetics. <i>Analytica Chimica Acta</i> , 2019, 1075, 27-37.	2.6	11
21	Interaction of silver nanoparticles with mediterranean agricultural soils: Lab-controlled adsorption and desorption studies. <i>Journal of Environmental Sciences</i> , 2019, 83, 205-216.	3.2	17
22	A sustainable and simple energy dispersive X-ray fluorescence method for sulfur determination at trace levels in biodiesel samples via formation of biodiesel spots on a suitable solid support. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 156, 7-12.	1.5	6
23	Pumice clasts in cross stratified basalt-dominated sandstones and conglomerates. Characteristics and depositional significance: Huarenchenque Fm (Neuqu�n, Argentina). <i>Journal of Iberian Geology</i> , 2019, 45, 29-46.	0.7	1
24	Graphene Oxide Decorated with Cerium(IV) Oxide in Determination of Ultratrace Metal Ions and Speciation of Selenium. <i>Analytical Chemistry</i> , 2018, 90, 4150-4159.	3.2	25
25	Development of Total Reflection X-ray fluorescence spectrometry quantitative methodologies for elemental characterization of building materials and their degradation products. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 143, 18-25.	1.5	13
26	A first evaluation of the analytical capabilities of the new X-ray fluorescence facility at International Atomic Energy Agency-Elettra Sincrotrone Trieste for multipurpose total reflection X-ray fluorescence analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 145, 8-19.	1.5	5
27	Usefulness of a Dual Macro- and Micro-Energy-Dispersive X-Ray Fluorescence Spectrometer to Develop Quantitative Methodologies for Historic Mortar and Related Materials Characterization. <i>Analytical Chemistry</i> , 2018, 90, 5795-5802.	3.2	10
28	Ceria nanoparticles deposited on graphene nanosheets for adsorption of copper(II) and lead(II) ions and of anionic species of arsenic and selenium. <i>Mikrochimica Acta</i> , 2018, 185, 264.	2.5	33
29	Determination and speciation of ultratrace arsenic and chromium species using aluminium oxide supported on graphene oxide. <i>Talanta</i> , 2018, 185, 264-274.	2.9	37
30	Presence, mobility and bioavailability of toxic metal(oids) in soil, vegetation and water around a Pb-Sb recycling factory (Barcelona, Spain). <i>Environmental Pollution</i> , 2018, 237, 569-580.	3.7	25
31	Holocene geochemical footprint from Semi-arid alpine wetlands in southern Spain. <i>Scientific Data</i> , 2018, 5, 180024.	2.4	14
32	Energy dispersive X-ray fluorescence spectrometry for the direct multi-element analysis of dried blood spots. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 139, 13-19.	1.5	9
33	Mercury determination at trace levels using membrane preconcentration and benchtop total reflection X-ray fluorescence analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 84-90.	1.5	21
34	Total reflection X-ray fluorescence as a fast multielemental technique for human placenta sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 130, 53-59.	1.5	20
35	Atmospheric dust deposition on soils around an abandoned fluorite mine (Hammam Zriba, NE Tunisia). <i>Environmental Research</i> , 2017, 158, 153-166.	3.7	27
36	Development of X-ray Fluorescence Quantitative Methodologies To Analyze Aqueous and Acid Extracts from Building Materials Belonging to Cultural Heritage. <i>Analytical Chemistry</i> , 2017, 89, 4246-4254.	3.2	11

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37	Immunotoxicological effects of arsenic bioaccumulation on spatial metallomics and cellular enzyme response in the spleen of male Wistar rats after oral intake. <i>Toxicology Letters</i> , 2017, 266, 65-73.	0.4	22
38	Alpine bogs of southern Spain show human-induced environmental change superimposed on long-term natural variations. <i>Scientific Reports</i> , 2017, 7, 7439.	1.6	57
39	Pioneer Mediterranean Shrub Species Revegetating Soils Developed on Mining Soils/Spoils. <i>Land Degradation and Development</i> , 2017, 28, 718-730.	1.8	11
40	Objetos de oro y epicampaniforme en la Cova del Gegant. Relaciones en la costa mediterránea de la Península Ibérica durante la Edad del Bronce. <i>Trabajos De Prehistoria</i> , 2017, 74, 149.	0.2	9
41	Bromine and bromide content in soils: Analytical approach from total reflection X-ray fluorescence spectrometry. <i>Chemosphere</i> , 2016, 156, 294-301.	4.2	31
42	Possibilities of low-power X-ray fluorescence spectrometry methods for rapid multielemental analysis and imaging of vegetal foodstuffs. <i>Journal of Food Composition and Analysis</i> , 2016, 50, 1-9.	1.9	37
43	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.	0.9	30
44	Geophysical Evaluation of the Volume of a Mine Tailing Dump (Osor,Girona,NE Spain) Using ERT. , 2016, , .		3
45	Alloy characterization of a 7th Century BC archeological bronze vase "Overcoming patina constraints using Monte Carlo simulations. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 107, 93-96.	1.5	16
46	Measurement uncertainty in Total Reflection X-ray Fluorescence. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 111, 30-37.	1.5	17
47	Green Approach for Ultratrace Determination of Divalent Metal Ions and Arsenic Species Using Total-Reflection X-ray Fluorescence Spectrometry and Mercapto-Modified Graphene Oxide Nanosheets as a Novel Adsorbent. <i>Analytical Chemistry</i> , 2015, 87, 3535-3542.	3.2	186
48	Determination of palladium, platinum and rhodium in used automobile catalysts and active pharmaceutical ingredients using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 105, 38-46.	1.5	32
49	Total Reflection X-ray Spectrometry (TXRF) for Trace Elements Assessment in Edible Clams. <i>Applied Spectroscopy</i> , 2014, 68, 1241-1246.	1.2	12
50	Multispectroscopic Characterization of Oil on Copper Painting. <i>Spectroscopy Letters</i> , 2014, 47, 38-51.	0.5	9
51	Plant extracts as biopharmaceutical products and analysis of their activity against arsenicosis. <i>Arsenic in the Environment Proceedings</i> , 2014, , 637-639.	0.0	1
52	Analytical possibilities of different X-ray fluorescence systems for determination of trace elements in aqueous samples pre-concentrated with carbon nanotubes. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 88, 192-197.	1.5	25
53	Study of selenium sorption processes in volcanic ash using Total Reflection X-ray Fluorescence (TXRF). <i>Chemical Geology</i> , 2013, 352, 19-26.	1.4	18
54	Elemental mapping of Moroccan enameled terracotta tile works (Zellij) based on X-ray micro-analyses. <i>Applied Radiation and Isotopes</i> , 2013, 82, 60-66.	0.7	8

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55	Determination of platinum group metal catalyst residues in active pharmaceutical ingredients by means of total reflection X-ray spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 50-54.	1.5	29
56	Determination of cadmium at ultratrace levels in environmental water samples by means of total reflection X-ray spectrometry after dispersive liquid-liquid microextraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 266-273.	1.6	52
57	Dispersive micro solid-phase extraction using multiwalled carbon nanotubes combined with portable total-reflection X-ray fluorescence spectrometry for the determination of trace amounts of Pb and Cd in water samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 736.	1.6	95
58	Liquid phase microextraction strategies combined with total reflection X-ray spectrometry for the determination of low amounts of inorganic antimony species in waters. <i>Analytica Chimica Acta</i> , 2013, 786, 8-15.	2.6	54
59	Calcite interaction with acidic sulphate solutions: a vertical scanning interferometry and energy-dispersive XRF study. <i>European Journal of Mineralogy</i> , 2013, 25, 331-351.	0.4	15
60	Dispersive Micro Solid-Phase Extraction Using Multiwalled Carbon Nanotubes for Simultaneous Determination of Trace Metal Ions by Energy-Dispersive X-ray Fluorescence Spectrometry. <i>Applied Spectroscopy</i> , 2013, 67, 204-209.	1.2	27
61	Determination of selenium by X-ray fluorescence spectrometry using dispersive solid-phase microextraction with multiwalled carbon nanotubes as solid sorbent. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1688.	1.6	44
62	Raman analysis assessed by Fourier-transformed infrared and X-ray fluorescence spectroscopies: a multi-analytical approach of ancient chromolithographs from the 19th century. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 411-418.	1.2	11
63	Analytical capabilities of laboratory, benchtop and handheld X-ray fluorescence systems for detection of metals in aqueous samples pre-concentrated with solid-phase extraction disks. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 67, 17-23.	1.5	38
64	Characterization of oil on copper paintings by energy dispersive X-ray fluorescence spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1481-1492.	1.9	11
65	X-Ray Fluorescence Analysis for Total Bromine Tracking in the Vadose Zone: Results for Mnsara, Morocco. <i>Vadose Zone Journal</i> , 2011, 10, 1331-1335.	1.3	6
66	Investigation of the Composition of Historical and Modern Italian Papers by Energy Dispersive X-Ray Fluorescence (EDXRF), X-Ray Diffraction (XRD), and Scanning Electron Microscopy Energy Dispersive Spectrometry (SEM-EDS). <i>Applied Spectroscopy</i> , 2011, 65, 52-59.	1.2	27
67	Illite-smectite patterns in sheared Pleistocene mudstones of the Southern Apennines and their implications regarding the process of illitization: A multiscale analysis. <i>Journal of Structural Geology</i> , 2011, 33, 1699-1711.	1.0	17
68	Geochemical and Mineralogical Features of Overbank and Stream Sediments of the Beal Wadi (Cartagena-La Union Mining District, SE Spain): Relation to Former Lead-Zinc Mining Activities and Its Environmental Risk. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 55-65.	1.1	14
69	Lead, Zinc, Arsenic and Copper Pollution in the Alluvial Plain of a Mining Wadi: The Beal Case (Cartagena-La Union Mining District, SE Spain). <i>Water, Air, and Soil Pollution</i> , 2011, 220, 279-291.	1.1	20
70	Distribution of Metals in Vadose Zone of the Alluvial Plain in a Mining Creek Inferred from Geochemical, Mineralogical and Geophysical Studies: The Beal Wadi Case (Cartagena-La Union Mining)	1.0	10
71	Analysis of Catalanian silver coins from the Spanish War of Independence period (1808-1814) by Energy Dispersive X-ray Fluorescence. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 308-312.	0.6	16
72	Distribution of metals in soils and plants around mineralized zones at Cartagena-La Union mining district (SE, Spain). <i>Environmental Earth Sciences</i> , 2011, 63, 1227-1237.	1.3	20

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73	Elemental characterization of edible plants and soils in an abandoned mining region: assessment of environmental risk. <i>X-Ray Spectrometry</i> , 2011, 40, 353-363.	0.9	21
74	Sequential extraction combined with isotopic analysis as a tool for studying lead contamination from mining activity. <i>International Journal of Environment and Waste Management</i> , 2010, 5, 64.	0.2	2
75	Preconcentration Methods for the Analysis of Liquid Samples by X-Ray Fluorescence Techniques. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 179-205.	3.4	71
76	Characterization of Japanese color sticks by energy dispersive X-ray fluorescence, X-ray diffraction and Fourier transform infrared analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 321-327.	1.5	11
77	Applicability of direct total reflection X-ray fluorescence analysis for selenium determination in solutions related to environmental and geochemical studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 1002-1007.	1.5	18
78	Analysis of inlet and outlet industrial wastewater effluents by means of benchtop total reflection X-ray fluorescence spectrometry. <i>Chemosphere</i> , 2010, 80, 263-270.	4.2	54
79	Thickness measurement of semiconductor thin films by energy dispersive X-ray fluorescence benchtop instrumentation: Application to GaN epilayers grown by molecular beam epitaxy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 583-586.	1.5	19
80	Energy dispersive X-ray fluorescence analysis of ancient coins: The case of Greek silver drachmae from the Emporion site in Spain. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 1682-1685.	0.6	31
81	Determination of Water-Soluble Hexavalent Chromium in Clinker Samples by Wavelength-Dispersive X-ray Fluorescence Spectrometry after Concentration in Activated Layers. <i>Applied Spectroscopy</i> , 2010, 64, 547-551.	1.2	22
82	Fast Elemental Screening of Soil and Sediment Profiles Using Small-Spot Energy-Dispersive X-Ray Fluorescence: Application to Mining Sediments Geochemistry. <i>Applied Spectroscopy</i> , 2010, 64, 1045-1053.	1.2	8
83	Analytical approaches for Hg determination in wastewater samples by means of total reflection X-ray fluorescence spectrometry. <i>Talanta</i> , 2010, 82, 821-827.	2.9	57
84	Analytical Possibilities of Total Reflection X-ray Spectrometry (TXRF) for Trace Selenium Determination in Soils. <i>Analytical Chemistry</i> , 2010, 82, 7744-7751.	3.2	75
85	Rediscovering the palette of Alentejo (Southern Portugal) earth pigments: provenance establishment and characterization by ALA-ICP-MS and spectra-colorimetric analysis. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 997-1007.	1.1	15
86	Improvement approaches for the determination of Cr(VI), Cd(II), Pd(II) and Pt(IV) contained in aqueous samples by conventional XRF instrumentation. <i>X-Ray Spectrometry</i> , 2009, 38, 9-17.	0.9	21
87	Application of X-ray fluorescence spectrometry to determination and quantitation of metals in vegetal material. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 362-372.	5.8	150
88	Analysis of lead content in automotive shredder residue (ASR). <i>Waste Management</i> , 2009, 29, 2549-2552.	3.7	13
89	Multielemental analysis of dried residue from metal-bearing waters by wavelength dispersive X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 184-190.	1.5	11
90	Method for the Determination of Pd-Catalyst Residues in Active Pharmaceutical Ingredients by Means of High-Energy Polarized-Beam Energy Dispersive X-Ray Fluorescence. <i>Analytical Chemistry</i> , 2009, 81, 1404-1410.	3.2	33



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91	Application of Small-Spot Energy Dispersive X-ray Fluorescence Instrumentation in Phytoremediation Activities around Metal Mines. <i>Applied Spectroscopy</i> , 2009, 63, 1396-1402.	1.2	8
92	Determination of metal residues in active pharmaceutical ingredients according to European current legislation by using X-ray fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1253.	1.6	30
93	Improved instrumental sensitivity for Cd determination in aqueous solutions using Wavelength Dispersive X-ray Fluorescence Spectrometry, Rh-target tube instrumentation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 1329-1332.	1.5	11
94	Sedimentary petrology and geochemistry of siliciclastic rocks from the upper Jurassic Tordillo Formation (Neuqu�n Basin, western Argentina): Implications for provenance and tectonic setting. <i>Journal of South American Earth Sciences</i> , 2008, 25, 440-463.	0.6	74
95	Heavy metals' content of automotive shredder residues (ASR): Evaluation of environmental risk. <i>Environmental Pollution</i> , 2008, 153, 476-482.	3.7	47
96	High-Energy Polarized-Beam Energy-Dispersive X-ray Fluorescence Analysis Combined with Activated Thin Layers for Cadmium Determination at Trace Levels in Complex Environmental Liquid Samples. <i>Analytical Chemistry</i> , 2008, 80, 2357-2364.	3.2	29
97	Application of high-energy polarised beam energy dispersive X-ray fluorescence spectrometry to cadmium determination in saline solutions. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1034.	1.6	13
98	Precise and accurate determination of lead isotope ratios in mining wastes by ICP-QMS as a tool to identify their source. <i>Talanta</i> , 2007, 73, 700-709.	2.9	25
99	Assessment of metal availability to vegetation ( <i>Betula pendula</i> ) in Pb-Zn ore concentrate residues with different features. <i>Environmental Pollution</i> , 2007, 145, 179-184.	3.7	79
100	Elemental analysis of mining wastes by energy dispersive X-ray fluorescence (EDXRF). <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2007, 262, 81-86.	0.6	18
101	Limewashing paintings in Alentejo urban heritage: pigment characterization and differentiation by WDXRF and XRD. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 90, 49-54.	1.1	19
102	Yellow and red ochre pigments from southern Portugal: Elemental composition and characterization by WDXRF and XRD. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 728-731.	0.7	45
103	High-energy polarized-beam EDXRF for trace metal analysis of vegetation samples in environmental studies. <i>X-Ray Spectrometry</i> , 2006, 35, 169-177.	0.9	31
104	Novel and selective procedure for Cr(VI) determination by X-ray fluorescence analysis after membrane concentration. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006, 61, 407-413.	1.5	43
105	Lead isotope ratio measurements by ICP-QMS to identify metal accumulation in vegetation specimens growing in mining environments. <i>Science of the Total Environment</i> , 2006, 367, 988-998.	3.9	25
106	Multielemental fast analysis of vegetation samples by wavelength dispersive X-ray fluorescence spectrometry: Possibilities and drawbacks. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 1363-1372.	1.5	71
107	Comparison of EDXRF and ICP-OES after microwave digestion for element determination in plant specimens from an abandoned mining area. <i>Analytica Chimica Acta</i> , 2005, 549, 197-204.	2.6	61
108	Quantitative determination of essential and trace element content of medicinal plants and their infusions by XRF and ICP techniques. <i>X-Ray Spectrometry</i> , 2005, 34, 213-217.	0.9	110

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109	Caracterización petrográfica y comportamiento hídrico de diferentes litotipos de la Piedra de Borriol (Castellón). <i>Materiales De Construcción</i> , 2005, 55, 41-54.	0.2	4
110	Comparison of three-stage sequential extraction and toxicity characteristic leaching tests to evaluate metal mobility in mining wastes. <i>Analytica Chimica Acta</i> , 2004, 524, 151-159.	2.6	109
111	Total reflection X-ray fluorescence and energy-dispersive X-ray fluorescence analysis of runoff water and vegetation from abandoned mining of Pb-Zn ores. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2003, 58, 2191-2198.	1.5	32
112	Weathering of a gypsum-calcareous mudstone under semi-arid environment at Tabernas, SE Spain: laboratory and field-based experimental approaches. <i>Catena</i> , 2001, 44, 111-132.	2.2	86
113	X-ray diffraction analysis of atmospheric dust using low-background supports. <i>Journal of Aerosol Science</i> , 2001, 32, 453-459.	1.8	24
114	Design, obtainment and properties of glasses and glass-ceramics from coal fly ash. <i>Fuel</i> , 1999, 78, 271-276.	3.4	144
115	Multi-element characterization of estuarine sediments and waters. <i>X-Ray Spectrometry</i> , 1999, 28, 410-413.	0.9	17
116	Application of different techniques to assess sediment quality and point source pollution in low-level contaminated estuarine recent sediments (Lisboa coast, Portugal). <i>Science of the Total Environment</i> , 1999, 241, 39-51.	3.9	26
117	The chemical composition of dust transported in red rains—its contribution to the biogeochemical cycle of a holm oak forest in Catalonia (Spain). <i>Atmospheric Environment</i> , 1998, 32, 179-191.	1.9	137
118	A hydrous Ca-bearing magnesium carbonate from playa lake sediments, Salines Lake, Spain. <i>American Mineralogist</i> , 1997, 82, 812-819.	0.9	26
119	Studying solute and particulate sediment transfer in a small Mediterranean mountainous catchment subject to land abandonment. <i>Earth Surface Processes and Landforms</i> , 1997, 22, 1027-1035.	1.2	43
120	Use of coal fly ash for ceramics: a case study for a large Spanish power station. <i>Fuel</i> , 1997, 76, 787-791.	3.4	74
121	Alteration processes of the Roque Nublo ignimbrites (Gran Canaria, Canary Islands). <i>Journal of Volcanology and Geothermal Research</i> , 1995, 65, 191-204.	0.8	19
122	Wind gustiness and sulphur dioxide concentration in the urban area of Barcelona, Spain. <i>Science of the Total Environment</i> , 1991, 108, 243-253.	3.9	1