

# Antonio MartÃ-nez Cortizas

## List of Publications by Year in descending order

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191  
papers

7,932  
citations

53939

47  
h-index

78623

77  
g-index

195  
all docs

195  
docs citations

195  
times ranked

8074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postglacial peatland vegetation succession in Store Mosse bog, south-central Sweden: An exploration of factors driving species change. <i>Boreas</i> , 2022, 51, 651-666.	1.2	7
2	Lake and crannog: A 2500-year palaeoenvironmental record of continuity and change in NE Scotland. <i>Quaternary Science Reviews</i> , 2022, 285, 107532.	1.4	1
3	Understanding Necrosol pedogenetical processes in post-Roman burials developed on dunes sands. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
4	Long-term dynamics of production in western Mediterranean seagrass meadows: Trade-offs and legacies of past disturbances. <i>Science of the Total Environment</i> , 2021, 754, 142117.	3.9	13
5	Cover loss in a seagrass <i>Posidonia oceanica</i> meadow accelerates soil organic matter turnover and alters soil prokaryotic communities. <i>Organic Geochemistry</i> , 2021, 151, 104140.	0.9	17
6	Lead and strontium isotopes as tracers for Early Formative pottery exchange in ancient Mexico. <i>Journal of Archaeological Science</i> , 2021, 126, 105307.	1.2	6
7	Structural equation modeling of long-term controls on mercury and bromine accumulation in Pinheiro mire (Minas Gerais, Brazil). <i>Science of the Total Environment</i> , 2021, 757, 143940.	3.9	7
8	Settlement, landscape and land-use change at a Pictish Elite Centre: Assessing the palaeoecological record for economic continuity and social change at Rhyne in NE Scotland. <i>Holocene</i> , 2021, 31, 897-914.	0.9	3
9	Late glacial (17,060±13,400 cal yr BP) sedimentary and paleoenvironmental evolution of the Sekhokong Range (Drakensberg), southern Africa. <i>PLoS ONE</i> , 2021, 16, e0246821.	1.1	8
10	9000 years of changes in peat organic matter composition in Store Mosse (Sweden) traced using FTIR-ATR. <i>Boreas</i> , 2021, 50, 1161-1178.	1.2	12
11	Processes driving seagrass soils composition along the western Mediterranean: The case of the southeast Iberian Peninsula. <i>Science of the Total Environment</i> , 2021, 768, 144352.	3.9	8
12	Use of Thermally Assisted Hydrolysis and Methylation (THM-GC-MS) to Unravel Influence of Pottery Production and Post-Depositional Processes on the Molecular Composition of Organic Matter in Sherds from a Complex Coastal Settlement. <i>Separations</i> , 2021, 8, 140.	1.1	2
13	Biological turnovers in response to marine incursion into the Caspian Sea at the Plio-Pleistocene transition. <i>Global and Planetary Change</i> , 2021, 206, 103623.	1.6	9
14	Approaching mercury distribution in burial environment using PLS-R modelling. <i>Scientific Reports</i> , 2021, 11, 21231.	1.6	3
15	Investigating the Mineral Composition of Peat by Combining FTIR-ATR and Multivariate Analysis. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1084.	0.8	11
16	Holocene atmospheric dust deposition in NW Spain. <i>Holocene</i> , 2020, 30, 507-518.	0.9	17
17	It's in your glass: a history of sea level and storminess from the Laphroaig bog, Islay (southwestern Tj ETQq1 1 0.784314 rgBT /Overloct	1.2	13
18	Human bones tell the story of atmospheric mercury and lead exposure at the edge of Roman World. <i>Science of the Total Environment</i> , 2020, 710, 136319.	3.9	28

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19	Environmental archives of atmospheric Hg deposition – A review. <i>Science of the Total Environment</i> , 2020, 709, 134800.	3.9	71
20	Reconstruction of 7500 years of coastal environmental change impacting seagrass ecosystem dynamics in Oyster Harbour (SW Australia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 558, 109953.	1.0	6
21	Later Prehistoric and Norse Communities in the Northern Isles: Multi-Proxy Environmental Investigations on Orkney. <i>Environmental Archaeology</i> , 2020, , 1-22.	0.6	0
22	Comparing podzolization under different bioclimatic conditions. <i>Geoderma</i> , 2020, 377, 114581.	2.3	9
23	Paleodust deposition and peat accumulation rates – Bog size matters. <i>Chemical Geology</i> , 2020, 554, 119795.	1.4	16
24	Linking structural and compositional changes in archaeological human bone collagen: an FTIR-ATR approach. <i>Scientific Reports</i> , 2020, 10, 17888.	1.6	31
25	Deciphering organic matter sources and ecological shifts in blue carbon ecosystems based on molecular fingerprinting. <i>Science of the Total Environment</i> , 2020, 742, 140554.	3.9	18
26	Late Quaternary vegetation and climate dynamics in central-eastern Brazil: insights from a ~35k cal a BP peat record in the Cerrado biome. <i>Journal of Quaternary Science</i> , 2020, 35, 664-676.	1.1	23
27	Pedogenic Processes in a <i>Posidonia oceanica</i> Mat. <i>Soil Systems</i> , 2020, 4, 18.	1.0	9
28	Factors regulating primary producers' assemblages in <i>Posidonia oceanica</i> (L.) Delile ecosystems over the past 1800 years. <i>Science of the Total Environment</i> , 2020, 718, 137163.	3.9	8
29	Modelling Hg mobility in podzols: Role of soil components and environmental implications. <i>Environmental Pollution</i> , 2020, 260, 114040.	3.7	17
30	Comment on: –A novel approach to peatlands as archives of total cumulative spatial pollution loads from atmospheric deposition of airborne elements complementary to EMEP data: Priority pollutants (Pb, Cd, Hg) – by Ewa Miszczak, Sebastian Stefaniak, Adam Michczyński, Eiliv Steinnes and Irena Twardowska. <i>Science of the Total Environment</i> , 2020, 737, 138699.	3.9	8
31	Atmospheric mercury pollution deciphered through archaeological bones. <i>Journal of Archaeological Science</i> , 2020, 119, 105159.	1.2	13
32	Mercury biogeochemical cycling: A synthesis of recent scientific advances. <i>Science of the Total Environment</i> , 2020, 737, 139619.	3.9	48
33	Millennial-scale changes in the molecular composition of <i>Posidonia australis</i> seagrass deposits: Implications for Blue Carbon sequestration. <i>Organic Geochemistry</i> , 2019, 137, 103898.	0.9	15
34	Secondary aluminium, iron and silica phases across a volcanic soil climosequence, Galápagos Islands. <i>European Journal of Soil Science</i> , 2019, 70, 540-549.	1.8	9
35	Thawing of snow and ice caused extraordinary high and fast mercury fluxes to lake sediments in Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 248, 109-122.	1.6	14
36	Differentiation between pine woods according to species and growing location using FTIR-ATR. <i>Wood Science and Technology</i> , 2018, 52, 487-504.	1.4	112

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37	Paleoenvironmental reconstruction of an urban archaeological site: The Roman Salt mines of Vigo, northwest Iberia. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 112-126.	0.7	6
38	Industrial-era lead and mercury contamination in southern Greenland implicates North American sources. <i>Science of the Total Environment</i> , 2018, 613-614, 919-930.	3.9	20
39	The Little Ice Age in Iberian mountains. <i>Earth-Science Reviews</i> , 2018, 177, 175-208.	4.0	119
40	Solar irradiance and primary productivity controlled mercury accumulation in sediments of a remote lake in the Southern Hemisphere during the past 4000 years. <i>Limnology and Oceanography</i> , 2018, 63, 540-549.	1.6	16
41	The Role of Climate: 71 ka of Atmospheric Mercury Deposition in the Southern Hemisphere Recorded by Rano Aroi Mire, Easter Island (Chile). <i>Geosciences (Switzerland)</i> , 2018, 8, 374.	1.0	8
42	FTIR and Py-GC-MS data of wood from various living oak species and Iberian shipwrecks. <i>Data in Brief</i> , 2018, 21, 1861-1863.	0.5	2
43	Chemometric tools for identification of wood from different oak species and their potential for provenancing of Iberian shipwrecks (16th-18th centuries AD). <i>Journal of Archaeological Science</i> , 2018, 100, 62-73.	1.2	18
44	Latitudinal limits to the predicted increase of the peatland carbon sink with warming. <i>Nature Climate Change</i> , 2018, 8, 907-913.	8.1	188
45	Millennial-scale trends and controls in <i>Posidonia oceanica</i> (L. Delile) ecosystem productivity. <i>Global and Planetary Change</i> , 2018, 169, 92-104.	1.6	14
46	Mineral dust as a driver of carbon accumulation in northern latitudes. <i>Scientific Reports</i> , 2018, 8, 6876.	1.6	26
47	Potential microbial functional activity along a <i>Posidonia oceanica</i> soil profile. <i>Aquatic Microbial Ecology</i> , 2018, 81, 189-200.	0.9	8
48	Did prehistoric and Roman mining and metallurgy have a significant impact on vegetation?. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 613-625.	0.2	16
49	A six thousandâ€year record of climate and landâ€use change from Mediterranean seagrass mats. <i>Journal of Ecology</i> , 2017, 105, 1267-1278.	1.9	21
50	700 years reconstruction of mercury and lead atmospheric deposition in the Pyrenees (NE Spain). <i>Atmospheric Environment</i> , 2017, 155, 97-107.	1.9	42
51	Soil organic carbon stocks in Santa Cruz Island, Galapagos, under different climate change scenarios. <i>Catena</i> , 2017, 156, 74-81.	2.2	28
52	Potential of pyrolysis-GC-MS molecular fingerprint as a proxy of Modern Age Iberian shipwreck wood preservation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 126, 1-13.	2.6	21
53	Understanding the spatial distribution of factors controlling topsoil organic carbon content in European soils. <i>Science of the Total Environment</i> , 2017, 609, 1411-1422.	3.9	59
54	Tracing Pb Pollution Penetration in Temperate Podzols. <i>Land Degradation and Development</i> , 2017, 28, 2432-2445.	1.8	8

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55	Downstream changes in molecular composition of DOM along a headwater stream in the Harz mountains (Central Germany) as determined by FTIR, Pyrolysis-GC-MS and THM-GC-MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 126, 50-61.	2.6	26
56	What are large-scale Archaeometric programmes for? Bell beaker pottery and societies from the third millennium BC in Western Europe. <i>Archaeometry</i> , 2016, 58, 722-735.	0.6	19
57	Influence of climate change and human activities on the organic and inorganic composition of peat during the "Little Ice Age" (El Payo mire, W Spain). <i>Holocene</i> , 2016, 26, 1290-1303.	0.9	21
58	Potentials and problems of building detailed dust records using peat archives: An example from Store Mosse (the "Great Bog"), Sweden. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 156-174.	1.6	39
59	Elevated dust deposition in Tierra del Fuego (Chile) resulting from Neoglacial Darwin Cordillera glacier fluctuations. <i>Journal of Quaternary Science</i> , 2016, 31, 713-722.	1.1	22
60	Modelling mercury accumulation in minerogenic peat combining FTIR-ATR spectroscopy and partial least squares (PLS). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 65-72.	2.0	15
61	Molecular composition of plant parts and sediment organic matter in a Mediterranean seagrass ( <i>Posidonia oceanica</i> ) mat. <i>Aquatic Botany</i> , 2016, 133, 50-61.	0.8	49
62	Early atmospheric metal pollution provides evidence for Chalcolithic/Bronze Age mining and metallurgy in Southwestern Europe. <i>Science of the Total Environment</i> , 2016, 545-546, 398-406.	3.9	71
63	Bromine accumulation in acidic black colluvial soils. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 143-155.	1.6	29
64	Chemical compositional changes in archaeological human bones due to diagenesis: Type of bone vs soil environment. <i>Journal of Archaeological Science</i> , 2016, 67, 43-51.	1.2	39
65	Modeling the downward transport of <sup>210</sup> Pb in Peatlands: Initial Penetration-Constant Rate of Supply (IP-CRS) model. <i>Science of the Total Environment</i> , 2016, 541, 1222-1231.	3.9	25
66	Reconstruction of centennial-scale fluxes of chemical elements in the Australian coastal environment using seagrass archives. <i>Science of the Total Environment</i> , 2016, 541, 883-894.	3.9	31
67	Diagenetic effects on pyrolysis fingerprints of extracted collagen in archaeological human bones from NW Spain, as determined by pyrolysis-GC-MS. <i>Journal of Archaeological Science</i> , 2016, 65, 1-10.	1.2	29
68	Application of FTIR spectroscopy to the characterization of archeological wood. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 63-70.	2.0	145
69	Mapping soil organic carbon content using spectroscopic and environmental data: A case study in acidic soils from NW Spain. <i>Science of the Total Environment</i> , 2016, 539, 26-35.	3.9	35
70	Chemical weathering in the volcanic soils of Isla Santa Cruz (Galápagos Islands, Ecuador). <i>Geoderma</i> , 2016, 261, 160-168.	2.3	37
71	Late-glacial elevated dust deposition linked to westerly wind shifts in southern South America. <i>Scientific Reports</i> , 2015, 5, 11670.	1.6	33
72	A Novel Approach to Map Soil Organic Carbon Content Using Spectroscopic and Environmental Data. <i>Procedia Environmental Sciences</i> , 2015, 27, 49-52.	1.3	2

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73	Usual and unusual CIELAB color parameters for the study of peat organic matter properties: Tremoal do Pedrido bog (NW Spain). <i>Journal of Physics: Conference Series</i> , 2015, 605, 012014.	0.3	3
74	Long-Term ( $\sim 1/457$ ka) Controls on Mercury Accumulation in the Souther Hemisphere Reconstructed Using a Peat Record from Pinheiro Mire (Minas Gerais, Brazil). <i>Environmental Science &amp; Technology</i> , 2015, 49, 1356-1364.	4.6	25
75	Preferential degradation of polyphenols from Sphagnum $\alpha$ -4-Isopropenylphenol as a proxy for past hydrological conditions in Sphagnum-dominated peat. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 74-89.	1.6	43
76	Modelling and mapping organic carbon content of topsoils in an Atlantic area of southwestern Europe (Galicia, NW Spain). <i>Geoderma</i> , 2015, 245-246, 65-73.	2.3	20
77	Diet and lifestyle in Bronze Age Northwest Spain: the collective burial of Cova do Santo. <i>Journal of Archaeological Science</i> , 2015, 55, 209-218.	1.2	48
78	Climate changes, lead pollution and soil erosion in south Greenland over the past 700 years. <i>Quaternary Research</i> , 2015, 84, 159-173.	1.0	19
79	Seasonal changes in molecular composition of organic matter in lake sediment trap material from Nylandssjön, Sweden. <i>Organic Geochemistry</i> , 2015, 83-84, 253-262.	0.9	12
80	Holocene climate change in central-eastern Brazil reconstructed using pollen and geochemical records of Pau de Fruta mire (Serra do Espinhaço Meridional, Minas Gerais). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 437, 117-131.	1.0	31
81	A Pedotransfer Function to Map Soil Bulk Density from Limited Data. <i>Procedia Environmental Sciences</i> , 2015, 27, 45-48.	1.3	26
82	Glomalin accumulated in seagrass sediments reveals past alterations in soil quality due to land-use change. <i>Global and Planetary Change</i> , 2015, 133, 87-95.	1.6	48
83	The colour of ceramics from Bell Beaker contexts in NW Spain: relation to elemental composition and mineralogy. <i>Journal of Archaeological Science</i> , 2015, 54, 99-109.	1.2	8
84	Influence of source vegetation and redox conditions on lignin-based decomposition proxies in graminoid-dominated ombrotrophic peat (Penido Vello, NW Spain). <i>Geoderma</i> , 2015, 237-238, 270-282.	2.3	31
85	Factors controlling the geochemical composition of Limnopolar Lake sediments (Byers Peninsula, Antarctica). <i>Journal of Paleolimnology</i> , 2015, 5, 651-663.	1.2	14
86	Linking forest cover, soil erosion and mire hydrology to late-Holocene human activity and climate in NW Spain. <i>Holocene</i> , 2014, 24, 714-725.	0.9	40
87	Identifying evidence for past mining and metallurgy from a record of metal contamination preserved in an ombrotrophic mire near Leadhills, SW Scotland, UK. <i>Holocene</i> , 2014, 24, 1719-1730.	0.9	14
88	How Useful is Pyrolysis-GC/MS for the Assessment of Molecular Properties of Organic Matter in Archaeological Pottery Matrix? An Exploratory Case Study from Northwest Spain. <i>Archaeometry</i> , 2014, 56, 187-207.	0.6	12
89	Late-Holocene storm imprint in a coastal sedimentary sequence (Northwest Iberian coast). <i>Holocene</i> , 2014, 24, 477-488.	0.9	13
90	Geochemical assessment of an annually laminated lake sediment record from northern Sweden: a multi-core, multi-element approach. <i>Journal of Paleolimnology</i> , 2014, 51, 499-514.	0.8	25

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91	Environmental processes in Rano Aroi (Easter Island) peat geochemistry forced by climate variability during the last 70kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 438-450.	1.0	27
92	Contribution of organic matter molecular proxies to interpretation of the last 55ka of the Lynch's Crater record (NE Australia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 20-31.	1.0	14
93	Reconstructing the impact of human activities in a NW Iberian Roman mining landscape for the last 2500 years. <i>Journal of Archaeological Science</i> , 2014, 50, 208-218.	1.2	38
94	1500 years of soil use reconstructed from the chemical properties of a terraced soil sequence. <i>Quaternary International</i> , 2014, 346, 28-40.	0.7	23
95	Holocene environmental change in Eastern Spain reconstructed through the multiproxy study of a pedo-sedimentary sequence from Les Alcusses (Valencia, Spain). <i>Journal of Archaeological Science</i> , 2014, 47, 22-38.	1.2	16
96	Metal and organic matter immobilization in temperate podzols: A high resolution study. <i>Geoderma</i> , 2014, 217-218, 225-234.	2.3	37
97	A 3300-year atmospheric metal contamination record from Raeburn Flow raised bog, south west Scotland. <i>Journal of Archaeological Science</i> , 2014, 44, 1-11.	1.2	36
98	Characterization of properties and main processes related to the genesis and evolution of tropical mountain mires from Serra do Espinhaço Meridional, Minas Gerais, Brazil. <i>Geoderma</i> , 2014, 232-234, 183-197.	2.3	33
99	Atmospheric Pb pollution in N Iberia during the late Iron Age/Roman times reconstructed using the high-resolution record of La Molina mire (Asturias, Spain). <i>Journal of Paleolimnology</i> , 2013, 50, 71-86.	0.8	51
100	Prehistoric land use at an archaeological hot-spot (the rock art park of Campo Lameiro, NW Spain) inferred from charcoal, synanthropic pollen and non-pollen palynomorph proxies. <i>Journal of Archaeological Science</i> , 2013, 40, 1518-1527.	1.2	27
101	Five thousand years of atmospheric Ni, Zn, As, and Cd deposition recorded in bogs from NW Iberia: prehistoric and historic anthropogenic contributions. <i>Journal of Archaeological Science</i> , 2013, 40, 764-777.	1.2	60
102	Lead isotopic analysis within a multiproxy approach to trace pottery sources. The example of White Slip II sherds from Late Bronze Age sites in Cyprus and Syria. <i>Applied Geochemistry</i> , 2013, 28, 220-234.	1.4	18
103	Improving the <sup>210</sup> Pb-chronology of Pb deposition in peat cores from Chao de Lamoso (NW Spain). <i>Science of the Total Environment</i> , 2013, 443, 597-607.	3.9	21
104	A novel geochemical approach to paleorecords of dust deposition and effective humidity: 8500 years of peat accumulation at Store Mosse (the "Great Bog"), Sweden. <i>Quaternary Science Reviews</i> , 2013, 69, 69-82.	1.4	71
105	Soil organic matter dynamics in Mediterranean A-horizons – The use of analytical pyrolysis to ascertain land-use history. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 287-298.	2.6	20
106	Untangling the influence of in-lake productivity and terrestrial organic matter flux on 4,250 years of mercury accumulation in Lake Hambre, Southern Chile. <i>Journal of Paleolimnology</i> , 2013, 49, 563-573.	0.8	19
107	Chronostratigraphy of the sedimentary record of Limnopolar Lake, Byers Peninsula, Livingston Island, Antarctica. <i>Antarctic Science</i> , 2013, 25, 198-212.	0.5	38
108	Millennial scale impact on the marine biogeochemical cycle of mercury from early mining on the Iberian Peninsula. <i>Global Biogeochemical Cycles</i> , 2013, 27, 21-30.	1.9	42



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109	Pre-industrial accumulation of anthropogenic polycyclic aromatic hydrocarbons found in a blanket bog of the Iberian Peninsula. <i>Environmental Research</i> , 2012, 116, 36-43.	3.7	40
110	Reconstructing historical Pb and Hg pollution in NW Spain using multiple cores from the Chao de Lamoso bog (Xistral Mountains). <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 68-78.	1.6	59
111	The influence of organic matter decay on the distribution of major and trace elements in ombrotrophic mires – a case study from the Harz Mountains. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 126-136.	1.6	70
112	Post-disturbance vegetation dynamics during the Late Pleistocene and the Holocene: An example from NW Iberia. <i>Global and Planetary Change</i> , 2012, 92-93, 58-70.	1.6	62
113	Mercury content in volcanic soils across Europe and its relationship with soil properties. <i>Journal of Soils and Sediments</i> , 2012, 12, 542-555.	1.5	14
114	Molecular characterization of <i>Ulex europaeus</i> biochar obtained from laboratory heat treatment experiments – A pyrolysis-GC/MS study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 95, 205-212.	2.6	54
115	Holocene vegetation and hydrologic changes inferred from molecular vegetation markers in peat, Penido Vello (Galicia, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 299, 56-69.	1.0	49
116	Long-term deforestation in NW Spain: linking the Holocene fire history to vegetation change and human activities. <i>Quaternary Science Reviews</i> , 2011, 30, 161-175.	1.4	79
117	Human-induced changes on wetlands: a study case from NW Iberia. <i>Quaternary Science Reviews</i> , 2011, 30, 2745-2754.	1.4	40
118	Comparing NaOH-extractable organic matter of acid forest soils that differ in their pedogenic trends: a pyrolysis-GC/MS study. <i>European Journal of Soil Science</i> , 2011, 62, 834-848.	1.8	29
119	The <i>Posidonia oceanica</i> marine sedimentary record: A Holocene archive of heavy metal pollution. <i>Science of the Total Environment</i> , 2011, 409, 4831-4840.	3.9	92
120	Evaluation of conservative lithogenic elements (Ti, Zr, Al, and Rb) to study anthropogenic element enrichments in lake sediments. <i>Journal of Paleolimnology</i> , 2011, 46, 75-87.	0.8	167
121	Oxidability of Soil Organic Matter of Forest Soils Assessed Using 33 mM of Potassium Permanganate. <i>Soil Science</i> , 2011, 176, 175-182.	0.9	0
122	Multiple site study of recent atmospheric metal (Pb, Zn and Cu) deposition in the NW Iberian Peninsula using peat cores. <i>Science of the Total Environment</i> , 2010, 408, 5540-5549.	3.9	40
123	Analysis of composition, distribution and origin of hexachlorocyclohexane residues in agricultural soils from NW Spain. <i>Science of the Total Environment</i> , 2010, 408, 5583-5591.	3.9	33
124	Anthropogenic Forcings on the Surficial Osmium Cycle. <i>Environmental Science &amp; Technology</i> , 2010, 44, 881-887.	4.6	23
125	Holocene vegetation changes in NW Iberia revealed by anthracological and palynological records from a colluvial soil. <i>Holocene</i> , 2010, 20, 53-66.	0.9	46
126	Early agriculture and palaeoenvironmental history in the North of the Iberian Peninsula: a multi-proxy analysis of the Monte Areo mire (Asturias, Spain). <i>Journal of Archaeological Science</i> , 2010, 37, 1978-1988.	1.2	81



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127	An integrated geochemical and palynological study of human impacts, soil erosion and storminess from southern Greenland since c. AD 1000. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 295, 19-30.	1.0	42
128	Turfeiras da Serra do Espinhaço Meridional - MG: II - influência da drenagem na composição elementar e substâncias húmicas. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1399-1408.	0.5	25
129	Turfeiras da Serra do Espinhaço Meridional - MG: I - caracterização e classificação. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1385-1398.	0.5	30
130	Chemical composition and origin of black patinas on granite. <i>Science of the Total Environment</i> , 2009, 408, 130-137.	3.9	17
131	The role of iron and sulfur in the visual appearance of lake sediment varves. <i>Journal of Paleolimnology</i> , 2009, 42, 141-153.	0.8	18
132	Characterisation of aged charcoal using a coil probe pyrolysis-GC/MS method optimised for black carbon. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 408-416.	2.6	95
133	Environmental change in NW Iberia between 7000 and 500cal BC. <i>Quaternary International</i> , 2009, 200, 77-89.	0.7	57
134	NaOH-extractable organic matter of andic soils from Galicia (NW Spain) under different land use regimes: a pyrolysis GC/MS study. <i>European Journal of Soil Science</i> , 2008, 59, 1096-1110.	1.8	15
135	8000 yr of black carbon accumulation in a colluvial soil from NW Spain. <i>Quaternary Research</i> , 2008, 69, 56-61.	1.0	30
136	Mercury accumulation in upland acid forest ecosystems nearby a coal-fired power-plant in Southwest Europe (Galicia, NW Spain). <i>Science of the Total Environment</i> , 2008, 394, 303-312.	3.9	62
137	Holocene fire history of black colluvial soils revealed by pyrolysis-GC/MS: a case study from Campo Lameiro (NW Spain). <i>Journal of Archaeological Science</i> , 2008, 35, 2133-2143.	1.2	41
138	A detailed pyrolysis-GC/MS analysis of a black carbon-rich acidic colluvial soil (Atlantic ranker) from NW Spain. <i>Applied Geochemistry</i> , 2008, 23, 2395-2405.	1.4	54
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