

Joan Albert Sanchez-Cabeza

List of Publications by Year in descending order

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174
papers

5,345
citations

81743

39
h-index

123241

61
g-index

178
all docs

178
docs citations

178
times ranked

5370
citing authors

#	ARTICLE	IF	CITATIONS
1	210Pb sediment radiochronology: An integrated formulation and classification of dating models. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 183-200.	1.6	420
2	Provenance and depositional history of continental slope sediments in the Southwestern Gulf of Mexico unraveled by geochemical analysis. <i>Continental Shelf Research</i> , 2015, 95, 15-26.	0.9	201
3	210Pb and 210Po analysis in sediments and soils by microwave acid digestion. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998, 227, 19-22.	0.7	194
4	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	3.9	177
5	Balance and residence times of 210Pb and 210Po in surface waters of the northwestern Mediterranean Sea. <i>Continental Shelf Research</i> , 2002, 22, 2127-2146.	0.9	113
6	Environmental status of the Gulf of California: A pollution review. <i>Earth-Science Reviews</i> , 2017, 166, 181-205.	4.0	103
7	Metal concentrations, fluxes, inventories and chronologies in sediments from Sepetiba and Ribeira Bays: A comparative study. <i>Marine Pollution Bulletin</i> , 2009, 59, 123-133.	2.3	96
8	Sediment accumulation rates in the southern Barcelona continental margin (NW Mediterranean Sea) derived from 210Pb and 137Cs chronology. <i>Progress in Oceanography</i> , 1999, 44, 313-332.	1.5	91
9	Recent observations on the physico-chemical speciation of plutonium in the Irish Sea and the western Mediterranean. <i>Applied Radiation and Isotopes</i> , 1995, 46, 1175-1190.	0.7	79
10	Heavy metals in particulate matter and sediments in the southern Barcelona sedimentation system (North-western Mediterranean). <i>Marine Chemistry</i> , 1999, 63, 311-329.	0.9	76
11	Accumulation rates of major constituents of hemipelagic sediments in the deep Alboran Sea: a centennial perspective of sedimentary dynamics. <i>Marine Geology</i> , 2003, 193, 207-233.	0.9	76
12	Perturbation in the 240Pu/239Pu global fallout ratio in local sediments following the nuclear accidents at Thule (Greenland) and Palomares (Spain). <i>Science of the Total Environment</i> , 1997, 202, 147-153.	3.9	74
13	Reference material for radionuclides in sediment IAEA-384 (Fangataufa Lagoon sediment). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 383-393.	0.7	72
14	Cross equator transport of 137Cs from North Pacific Ocean to South Pacific Ocean (BEAGLE2003) $T_j ETQq0 0 0 rgBTj/Overlock 10 Tf 50$	1.5	69
15	One century sedimentary record of Hg and Pb pollution in the Sagua estuary (Cuba) derived from 210Pb and 137Cs chronology. <i>Marine Pollution Bulletin</i> , 2009, 59, 108-115.	2.3	65
16	Monte Carlo uncertainty calculation of 210Pb chronologies and accumulation rates of sediments and peat bogs. <i>Quaternary Geochronology</i> , 2014, 23, 80-93.	0.6	65
17	Preliminary estimates of cumulative caesium and plutonium deposition in the Irish terrestrial environment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990, 138, 241-256.	0.7	63
18	Sediment accumulation rates and carbon fluxes to bottom sediments at the Western Bransfield Strait (Antarctica). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 921-933.	0.6	61

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19	Natural and artificial radioactivity in surface waters of the Ebro river basin (Northeast Spain). <i>Journal of Environmental Radioactivity</i> , 2000, 51, 181-210.	0.9	58
20	Certified reference material for radionuclides in seawater IAEA-381 (Irish Sea Water). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002, 251, 369-374.	0.7	58
21	Recent history of persistent organic pollutants (PAHs, PCBs, PBDEs) in sediments from a large tropical lake. <i>Journal of Hazardous Materials</i> , 2019, 368, 264-273.	6.5	58
22	Spatial and temporal distribution of heavy metal concentrations and enrichment in the southern Gulf of Mexico. <i>Science of the Total Environment</i> , 2019, 651, 3174-3186.	3.9	57
23	Environmental status of the Gulf of California: A review of responses to climate change and climate variability. <i>Earth-Science Reviews</i> , 2016, 162, 253-268.	4.0	55
24	Atmospheric fluxes of ²¹⁰ Pb to the western Mediterranean Sea and the Saharan dust influence. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	53
25	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 105, 439-449.	1.1	52
26	Annual evolution of downward particle fluxes in the Western Bransfield Strait (Antarctica) during the FRUELA project. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 903-920.	0.6	52
27	Anthropogenic trace metals in the sedimentary record of the Llobregat continental shelf and adjacent Foix Submarine Canyon (northwestern Mediterranean). <i>Marine Geology</i> , 2008, 248, 213-227.	0.9	51
28	Some considerations of the ²¹⁰ Pb constant rate of supply (CRS) dating model. <i>Limnology and Oceanography</i> , 2000, 45, 990-995.	1.6	50
29	A new Certified Reference Material for radionuclides in Irish sea sediment (IAEA-385). <i>Applied Radiation and Isotopes</i> , 2008, 66, 1711-1717.	0.7	50
30	Downward particle fluxes in the Guadiaro submarine canyon depositional system (north-western) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i>	0.9	47
31	Certified reference material for radionuclides in fish flesh sample IAEA-414 (mixed fish from the Irish) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 46</i>	0.7	46
32	Effects of land use change and sediment mobilization on coastal contamination (Coatzacoalcos River,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 46</i>	0.9	46
33	Carbon burial and storage in tropical salt marshes under the influence of sea level rise. <i>Science of the Total Environment</i> , 2018, 630, 1628-1640.	3.9	46
34	Historical record of heavy metals in a highly contaminated Mediterranean deposit: The BesÅ²s prodelta. <i>Marine Chemistry</i> , 1998, 61, 209-217.	0.9	45
35	Distribution of artificial radionuclides in deep sediments of the Mediterranean Sea. <i>Science of the Total Environment</i> , 2009, 407, 887-898.	3.9	45
36	²¹⁰ Pb-derived history of PAH and PCB accumulation in sediments of a tropical inner lagoon (Las Matas,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 45</i>	1.6	45

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37	137Cs water profiles in the South Indian Ocean – An evidence for accumulation of pollutants in the subtropical gyre. <i>Progress in Oceanography</i> , 2011, 89, 17-30.	1.5	43
38	Long-range atmospheric transport of persistent organic pollutants to remote lacustrine environments. <i>Science of the Total Environment</i> , 2014, 493, 505-520.	3.9	41
39	A Rapid Method for the Simultaneous Determination of Gross Alpha and Beta Activities in Water Samples Using a Low Background Liquid Scintillation Counter. <i>Health Physics</i> , 1995, 68, 674-682.	0.3	40
40	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
41	Marine anthropogenic radiotracers in the Southern Hemisphere: New sampling and analytical strategies. <i>Progress in Oceanography</i> , 2011, 89, 120-133.	1.5	40
42	Recent accumulation of trace metals in sediments at the DYFAMED site (Northwestern Mediterranean) $Tj ETQq0 0 0 rgBT / Overlock 10 Tf 37$	2.3	37
43	Bioaccumulation record and paleoclimatic significance in the Western Bransfield Strait. The last 2000years. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 935-950.	0.6	35
44	Plutonium and 137Cs in surface water of the South Pacific Ocean. <i>Science of the Total Environment</i> , 2007, 381, 243-255.	3.9	35
45	Coral Li/Mg thermometry: Caveats and constraints. <i>Chemical Geology</i> , 2019, 523, 162-178.	1.4	35
46	Role of Quenching on Alpha/Beta Separation in Liquid Scintillation Counting for Several High Capacity Cocktails. <i>Analyst, The</i> , 1997, 122, 383-385.	1.7	34
47	Optimisation of liquid scintillation counting conditions for rapid tritium determination in aqueous samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 242, 391-398.	0.7	34
48	Sedimentation of biogenic constituents during the last century in western Bransfield and Gerlache Straits, Antarctica: a relation to currents, primary production, and sea floor relief. <i>Marine Geology</i> , 2004, 209, 265-277.	0.9	34
49	Role of Surface Vegetation in ²¹⁰ Pb-Dating of Peat Cores. <i>Environmental Science & Technology</i> , 2008, 42, 8858-8864.	4.6	34
50	Historical trends of organochlorine pesticides in a sediment core from the Gulf of Bataban ³ , Cuba. <i>Chemosphere</i> , 2015, 137, 95-100.	4.2	33
51	Coexisting sea-based and land-based sources of contamination by PAHs in the continental shelf sediments of Coatzacoalcos River discharge area (Gulf of Mexico). <i>Chemosphere</i> , 2016, 144, 591-598.	4.2	33
52	Challenges and limitations of the ²¹⁰ Pb sediment dating method: Results from an IAEA modelling interlaboratory comparison exercise. <i>Quaternary Geochronology</i> , 2020, 59, 101093.	0.6	32
53	Studies of the vertical distribution of ¹³⁴ Cs, ¹³⁷ Cs, ²³⁸ Pu, ²³⁹ , ²⁴⁰ Pu, ²⁴¹ Pu, ²⁴¹ Am and ²¹⁰ Pb in ombrogenous mires at mid-latitudes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 156, 361-387.	0.7	31
54	Vertical distribution of radiocaesium, plutonium and americium in the Catalan Sea (northwestern) $Tj ETQq0 0 0 rgBT / Overlock 10 Tf 31$	0.9	31

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55	Simultaneous determination of radium and uranium activities in natural water samples using liquid scintillation counting. <i>Analyst, The</i> , 1998, 123, 399-403.	1.7	30
56	²¹⁰ Pb Atmospheric Flux and Growth Rates of a Microbial Mat from the Northwestern Mediterranean Sea (Ebro River Delta). <i>Environmental Science & Technology</i> , 1999, 33, 3711-3715.	4.6	30
57	Regional Calibration of Erosion Radiotracers (²¹⁰ Pb and ¹³⁷ Cs): Atmospheric Fluxes to Soils (Northern Tj ETQq1 1 0.784314 rgBT / 0.30)	4.6	30
58	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
59	Identifying instrumental and historical earthquake records in the SW Iberian margin using ²¹⁰ Pb turbidite chronology. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	29
60	Chronology of recent sedimentation and geochemical characteristics of sediments in Alvarado Lagoon, Veracruz (southwestern gulf of Mexico). <i>Ciencias Marinas</i> , 2014, 40, 291-303.	0.4	29
61	Sediment accumulation rates and carbon burial in the bottom sediment in a high-productivity area: Gerlache Strait (Antarctica). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 3275-3287.	0.6	28
62	Plutonium, americium and radiocaesium in the marine environment close to the Vandell ³ s I nuclear power plant before decommissioning. <i>Journal of Environmental Radioactivity</i> , 2000, 51, 211-228.	0.9	27
63	Transport of North Pacific ¹³⁷ Cs labeled waters to the south-eastern Atlantic Ocean. <i>Progress in Oceanography</i> , 2011, 89, 31-37.	1.5	27
64	A 215-yr coral ¹⁸ O time series from Palau records dynamics of the West Pacific Warm Pool following the end of the Little Ice Age. <i>Coral Reefs</i> , 2014, 33, 719-731.	0.9	27
65	Determination of the ²⁴⁰ Pu/ ²³⁹ Pu atom ratio in low activity environmental samples by alpha spectrometry and spectral deconvolution. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 369, 597-602.	0.7	26
66	Environmental records of anthropogenic impacts on coastal ecosystems: An introduction. <i>Marine Pollution Bulletin</i> , 2009, 59, 87-90.	2.3	26
67	A new reference material for radionuclides in the mussel sample from the Mediterranean Sea (IAEA-437). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 851-859.	0.7	26
68	Reconstruction of metal pollution and recent sedimentation processes in Havana Bay (Cuba): A tool for coastal ecosystem management. <i>Journal of Hazardous Materials</i> , 2011, 196, 402-411.	6.5	26
69	Cross-stratigraphies from a seismically active mud lens off Peru indicate horizontal extensions of laminae, missing sequences, and a need for multiple cores for high resolution records. <i>Marine Geology</i> , 2014, 357, 72-89.	0.9	26
70	Early Bomb Radiocarbon Detected in Palau Archipelago Corals. <i>Radiocarbon</i> , 2013, 55, 1659-1664.	0.8	25
71	Dating young Holocene coastal sediments in tropical regions: Use of fallout ^{239,240} Pu as alternative chronostratigraphic marker. <i>Quaternary Geochronology</i> , 2014, 22, 1-10.	0.6	25
72	Impact of ¹³⁴ Cs and ¹³⁷ Cs from the Chernobyl reactor accident on the Spanish Mediterranean marine environment. <i>Journal of Environmental Radioactivity</i> , 1999, 43, 357-370.	0.9	24

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73	Reducing nutrient impacts from shrimp effluents in a subtropical coastal lagoon. <i>Science of the Total Environment</i> , 2016, 571, 388-397.	3.9	24
74	A comparative study on metal contamination in Estero de Urias lagoon, Gulf of California, using oysters, mussels and artificial mussels: Implications on pollution monitoring and public health risk. <i>Environmental Pollution</i> , 2018, 243, 197-205.	3.7	24
75	Long-term box modelling of ¹³⁷ Cs in the Mediterranean Sea. <i>Journal of Marine Systems</i> , 2002, 33-34, 457-472.	0.9	23
76	Sedimentary record of water column trophic conditions and sediment carbon fluxes in a tropical water reservoir (Valle de Bravo, Mexico). <i>Environmental Science and Pollution Research</i> , 2015, 22, 4680-4694.	2.7	23
77	Combined environmental stress from shrimp farm and dredging releases in a subtropical coastal lagoon (SE Gulf of California). <i>Marine Pollution Bulletin</i> , 2016, 104, 83-91.	2.3	22
78	Relevance of carbon burial and storage in two contrasting blue carbon ecosystems of a north-east Pacific coastal lagoon. <i>Science of the Total Environment</i> , 2019, 675, 581-593.	3.9	22
79	Microplastic contamination and fluxes in a touristic area at the SE Gulf of California. <i>Marine Pollution Bulletin</i> , 2021, 170, 112638.	2.3	22
80	Climate change facilitated the early colonization of the Azores Archipelago during medieval times. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
81	Compositional and temporal evolution of particle fluxes in the open Algero-Balearic basin (Western) Tj ETQq1 1 0.784314.rgBT /Ov	0.9	21
82	Transport and scavenging of Pu in surface waters of the Southern Hemisphere Oceans. <i>Progress in Oceanography</i> , 2011, 89, 92-100.	1.5	21
83	Improving the ²¹⁰ 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
84	Trace element fluxes and natural potential risks from ²¹⁰ Pb-dated sediment cores in lacustrine environments at the Central Mexican Plateau. <i>Science of the Total Environment</i> , 2014, 468-469, 677-687.	3.9	21
85	Particulate distribution of plutonium and americium in surface waters from the Spanish Mediterranean coast. <i>Journal of Environmental Radioactivity</i> , 1995, 28, 271-283.	0.9	20
86	²³⁴ Th-based carbon export during an ice-edge bloom: Sea-ice algae as a likely bias in data interpretation. <i>Earth and Planetary Science Letters</i> , 2008, 269, 596-604.	1.8	20
87	Certified reference material IAEA-418: ¹²⁹ I in Mediterranean Sea water. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 121-127.	0.7	20
88	Study on the hydrodynamics of the Ebro river lower course using tritium as a radiotracer. <i>Water Research</i> , 1999, 33, 2345-2356.	5.3	19
89	Characterization of the NIST seaweed Standard Reference Material. <i>Applied Radiation and Isotopes</i> , 2006, 64, 1242-1247.	0.7	19
90	Thermal Impact from a Thermoelectric Power Plant on a Tropical Coastal Lagoon. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	19

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91	Natural and anthropogenic oil impacts on benthic foraminifera in the southern Gulf of Mexico. <i>Marine Environmental Research</i> , 2019, 149, 111-125.	1.1	19
92	Comparing classical and Bayesian ²¹⁰ Pb dating models in human-impacted aquatic environments. <i>Quaternary Geochronology</i> , 2020, 60, 101106.	0.6	19
93	Downward particle fluxes and sediment accumulation rates in the western Bransfield Strait: Implications of lateral transport for carbon cycle studies in Antarctic marginal seas. <i>Journal of Marine Research</i> , 2002, 60, 347-365.	0.3	19
94	Use of tritium to predict soluble pollutants transport in Ebro River waters (Spain). <i>Environmental Pollution</i> , 2000, 108, 257-269.	3.7	18
95	Concentrations of plutonium and americium in plankton from the western Mediterranean Sea. <i>Science of the Total Environment</i> , 2003, 311, 233-245.	3.9	18
96	Vertical profiles of plutonium in the central South Pacific. <i>Progress in Oceanography</i> , 2011, 89, 101-107.	1.5	18
97	Sedimentary records of recent sea level rise and acceleration in the Yucatan Peninsula. <i>Science of the Total Environment</i> , 2016, 573, 1063-1069.	3.9	18
98	Sub-tropical coastal lagoon salinization associated to shrimp ponds effluents. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 203, 72-79.	0.9	18
99	Late Holocene fine-grained sediments of the Balearic Abyssal Plain, Western Mediterranean Sea. <i>Marine Geology</i> , 2007, 237, 25-36.	0.9	17
100	Last millennia sedimentary record on a micro-tidal, low-accumulation prodelta (TÀt NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (N	0.9	17
101	Sedimentary record of recent climate impacts on an insular coastal lagoon in the Gulf of California. <i>Quaternary Science Reviews</i> , 2017, 160, 138-149.	1.4	17
102	Sea level rise sedimentary record and organic carbon fluxes in a low-lying tropical coastal ecosystem. <i>Catena</i> , 2018, 162, 421-430.	2.2	17
103	Temporal records of organic carbon stocks and burial rates in Mexican blue carbon coastal ecosystems throughout the Anthropocene. <i>Global and Planetary Change</i> , 2020, 192, 103215.	1.6	16
104	Determination of longitudinal dispersion coefficient and velocity of the Ebro river waters (Northeast Spain) using tritium as a radiotracer. <i>Journal of Environmental Radioactivity</i> , 1999, 45, 39-57.	0.9	15
105	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.	0.6	15
106	Reconstruction of Pyrodinium Blooms in the Tropical East Pacific (Mexico): Are They Related to ENSO?. <i>Environmental Science & Technology</i> , 2012, 46, 6830-6834.	4.6	15
107	Calibration and use of well-type germanium detectors for low-level gamma-ray spectrometry of sediments using a semi-empirical method. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106385.	0.9	15
108	Rapid surface water warming and impact of the recent (2013â€“2016) temperature anomaly in shallow coastal waters at the eastern entrance of the Gulf of California. <i>Progress in Oceanography</i> , 2022, 202, 102746.	1.5	15

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109	Historical trends of polychlorinated dibenzo-p-dioxins and dibenzofurans in three dated sediment cores from Mexico. <i>Environmental Pollution</i> , 2011, 159, 487-494.	3.7	14
110	Meso and small-scale variations of ²¹⁰ Pb fluxes on the Northwestern Mediterranean continental margins. <i>Continental Shelf Research</i> , 2003, 23, 693-715.	0.9	13
111	Regional calibration of coral-based climate reconstructions from Palau, West Pacific Warm Pool (WPWP). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 308-320.	1.0	13
112	Accumulation of conservative substances in a sub-tropical coastal lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 1-9.	0.9	13
113	Microbial activity at the deep water sediment boundary layer in two highly productive systems in the Western Mediterranean: the Almeria-Oran front and the Malaga upwelling. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2002, 25, 315-324.	0.7	12
114	IAEA programme on the quality of marine radioactivity data. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1680-1686.	0.9	12
115	Method to Determine ²²⁶ Ra in Small Sediment Samples by Ultralow Background Liquid Scintillation. <i>Analytical Chemistry</i> , 2010, 82, 6847-6853.	3.2	12
116	Agricultural fingerprints in salt-marsh sediments and adaptation to sea-level rise in the eastern Cantabrian coast (N. Spain). <i>Estuarine, Coastal and Shelf Science</i> , 2016, 171, 66-76.	0.9	12
117	Fast deep water warming of a subtropical crater lake. <i>Science of the Total Environment</i> , 2019, 691, 1353-1361.	3.9	12
118	Sediment carbon storage increases in tropical, oligotrophic, high mountain lakes. <i>Anthropocene</i> , 2020, 32, 100272.	1.6	12
119	Increasing salinization and organic carbon burial rates in seagrass meadows from an anthropogenically-modified coastal lagoon in southern Gulf of Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 242, 106843.	0.9	12
120	Radiocaesium and plutonium concentrations in <i>Mytilus edulis</i> (L.) and potential dose implications for Irish critical groups. <i>Ocean & Shoreline Management</i> , 1990, 13, 149-161.	0.2	11
121	Mercury in sediment cores from the southern Gulf of Mexico: Preindustrial levels and temporal enrichment trends. <i>Marine Pollution Bulletin</i> , 2019, 149, 110498.	2.3	11
122	Recent trace metal enrichment and sediment quality assessment in an anthropized coastal lagoon (SE Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	11
123	Temporal trends of organic carbon accumulation in seagrass meadows from the northern Mexican Caribbean. <i>Catena</i> , 2020, 194, 104645.	2.2	11
124	Plutonium in coral archives: A good primary marker for an Anthropocene type section. <i>Science of the Total Environment</i> , 2021, 771, 145077.	3.9	11
125	Product analysis from D ₂ O electrolysis with Pd and Ti cathodes. <i>Electrochimica Acta</i> , 1992, 37, 215-219.	2.6	10
126	Artificial radionuclides in waters of the lower section of the river Ebro (Northeast Spain). <i>Water, Air, and Soil Pollution</i> , 2000, 118, 339-356.	1.1	10

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127	Anthropogenic disruptions of the sedimentary record in coastal marshes: Examples from the southern Bay of Biscay (N. Spain). <i>Continental Shelf Research</i> , 2014, 86, 132-140.	0.9	10
128	Magnetic record of extreme marine inundation events at Las Salinas site, Jalisco, Mexican Pacific coast. <i>International Geology Review</i> , 2016, 58, 342-357.	1.1	10
129	Sediment Geochemistry, Accumulation Rates and Forest Structure in a Large Tropical Mangrove Ecosystem. <i>Wetlands</i> , 2018, 38, 307-325.	0.7	10
130	Environmental forcing on the flux of organic-walled dinoflagellate cysts in recent sediments from a subtropical lagoon in the Gulf of California. <i>Science of the Total Environment</i> , 2018, 621, 548-557.	3.9	10
131	Uncertainty and variability of extension rate, density and calcification rate of a hermatypic coral (<i>Orbicella faveolata</i>). <i>Science of the Total Environment</i> , 2019, 650, 1576-1581.	3.9	10
132	Anthropogenic and climate induced trace element contamination in a water reservoir in northwestern Mexico. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16895-16912.	2.7	10
133	An integrated system for managing multidisciplinary oceanographic data collected in the Mediterranean Sea during the basin-scale research project EU/MAST-MATER (1996-2000). <i>Journal of Marine Systems</i> , 2002, 33-34, 523-538.	0.9	9
134	Radiocarbon and stable isotopes in Palmyra corals during the past century. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 154-162.	1.6	9
135	Trace element fluxes during the last 100 years in sediment near a nuclear power plant. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 343-353.	0.9	9
136	Anthropogenic and natural impacts in the marine area of influence of the Grijalva - Usumacinta River (Southern Gulf of Mexico) during the last 45 years. <i>Marine Pollution Bulletin</i> , 2020, 156, 111245.	2.3	9
137	Distribution of anthropogenic radionuclides in the water column of the south-western Mediterranean Sea. <i>Radioactivity in the Environment</i> , 2006, , 137-147.	0.2	8
138	Geochronology of anthropogenic radionuclides in Ribeira Bay sediments, Rio de Janeiro, Brazil. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 871-876.	0.9	8
139	Reconstruction of hydrocarbons accumulation in sediments affected by the oil refinery industry: the case of Tehuantepec Gulf (Mexico). <i>Environmental Earth Sciences</i> , 2012, 67, 727-742.	1.3	8
140	Historical changes of sediments and mollusk assemblages in the Gulf of Batabanó (Caribbean Sea) in the twentieth century. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4709-4723.	1.3	8
141	Geochemical fractionation of ²¹⁰ Pb in oxic estuarine sediments of Coatzacoalcos River, Gulf of Mexico. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 947-956.	0.7	8
142	Historical reconstruction of trace element concentrations and fluxes in a tropical coastal lagoon (Mexican Pacific) derived from ²¹⁰ Pb radiochronology. <i>Continental Shelf Research</i> , 2021, 213, 104315.	0.9	8
143	Dinoflagellate cysts and ENSO-PDO climate forcing in the southern Gulf of California. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110055.	1.0	8
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