

# Albert Palanques

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138 papers	6,777 citations	49 h-index	78 g-index
148 ext. papers	7,413 ext. citations	4.4 avg, IF	5.56 L-index

#	Paper	IF	Citations
138	Effects of long-lasting massive dumping of dredged material on bottom sediment and water turbidity during port expansion works. <i>Ocean and Coastal Management</i> , <b>2022</b> , 223, 106113	3.9	0
137	Natural vs. trawling-induced water turbidity and suspended sediment transport variability within the Palamós Canyon (NW Mediterranean). <i>Marine Geophysical Researches</i> , <b>2021</b> , 42, 1	2.3	1
136	Effects of bottom trawling on trace metal contamination of sediments along the submarine canyons of the Gulf of Palermo (southwestern Mediterranean).. <i>Science of the Total Environment</i> , <b>2021</b> , 152658	10.2	0
135	Evidence of large increases in sedimentation rates due to fish trawling in submarine canyons of the Gulf of Palermo (SW Mediterranean). <i>Marine Pollution Bulletin</i> , <b>2021</b> , 172, 112861	6.7	3
134	Persistence of Biogeochemical Alterations of Deep-Sea Sediments by Bottom Trawling. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091279	4.9	12
133	Trace metal variability controlled by hydrodynamic processes in a polluted inner shelf environment (Besòs prodelta, NW Mediterranean). <i>Science of the Total Environment</i> , <b>2020</b> , 735, 139482	10.2	3
132	Effects of flushing flows on the transport of mercury-polluted particulate matter from the Flix Reservoir to the Ebro Estuary. <i>Journal of Environmental Management</i> , <b>2020</b> , 260, 110028	7.9	2
131	Sediment characteristics and internal architecture of offshore sand ridges on a tideless continental shelf (western Mediterranean). <i>Earth Surface Processes and Landforms</i> , <b>2020</b> , 45, 3592-3606	3.7	0
130	Influence of deep water formation by open-sea convection on the transport of low hydrophobicity organic pollutants in the NW Mediterranean Sea. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 597-605	10.2	7
129	Evidence of trawling-induced resuspension events in the generation of nepheloid layers in the Foix submarine canyon (NW Mediterranean). <i>Journal of Marine Systems</i> , <b>2019</b> , 196, 86-96	2.7	7
128	Enhancement of sedimentation rates in the Foix Canyon after the renewal of trawling fleets in the early XX <sup>th</sup> century. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2018</b> , 132, 51-59	2.5	7
127	Coastal oceanographic signatures of heat waves and extreme events of dense water formation during the period 2002-2012 (Barcelona, NW Mediterranean). <i>Scientia Marina</i> , <b>2018</b> , 82, 189	1.8	6
126	Particle fluxes induced by benthic storms during the 2012 dense shelf water cascading and open sea convection period in the northwestern Mediterranean basin. <i>Marine Geology</i> , <b>2018</b> , 406, 119-131	3.3	5
125	Decline of trace metal pollution in the bottom sediments of the Barcelona City continental shelf (NW Mediterranean). <i>Science of the Total Environment</i> , <b>2017</b> , 579, 755-767	10.2	20
124	Bottom-trawling along submarine canyons impacts deep sedimentary regimes. <i>Scientific Reports</i> , <b>2017</b> , 7, 43332	4.9	19
123	Seasonal sediment dynamics on the Barcelona inner shelf (NW Mediterranean): A small Mediterranean river- and wave-dominated system. <i>Continental Shelf Research</i> , <b>2017</b> , 145, 80-94	2.4	4
122	Transfer of lipid molecules and polycyclic aromatic hydrocarbons to open marine waters by dense water cascading events. <i>Progress in Oceanography</i> , <b>2017</b> , 159, 178-194	3.8	4

121	Sand Ridges on the Mid-Outer Valencia Continental Shelf <b>2017</b> , 173-177		
120	Large-Scale Fine-Grained Sediment Waves Over the Gulf of Valencia Continental Slope (NW Mediterranean) <b>2017</b> , 265-271		
119	Bedforms on the Distal Valencia Channel and Turbidite System <b>2017</b> , 281-285		1
118	Morphobathymetric analysis of the large fine-grained sediment waves over the Gulf of Valencia continental slope (NW Mediterranean). <i>Geomorphology</i> , <b>2016</b> , 253, 22-37	4.3	46
117	Evolution of Chemical Pollution in Catalan Coastal Sediments. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 271-300	0.8	
116	SAND RIDGES IN THE MID-OUTER SHELF AS POTENTIAL SAND BORROWS AREAS (NW MEDITERRANEAN) <b>2015</b> ,		3
115	Increasing sediment accumulation rates in La Fonera (Palamós) submarine canyon axis and their relationship with bottom trawling activities. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 8106-8113	4.9	26
114	Sediment dynamics over sand ridges on a tideless mid-outer continental shelf. <i>Marine Geology</i> , <b>2015</b> , 361, 25-40	3.3	25
113	Contemporary sediment-transport processes in submarine canyons. <i>Annual Review of Marine Science</i> , <b>2014</b> , 6, 53-77	15.4	141
112	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , <b>2014</b> , 497-498, 369-381	10.2	35
111	Effects of bottom trawling on the Ebro continental shelf sedimentary system (NW Mediterranean). <i>Continental Shelf Research</i> , <b>2014</b> , 72, 83-98	2.4	54
110	Trawling-induced daily sediment resuspension in the flank of a Mediterranean submarine canyon. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 104, 174-183	2.3	67
109	Impact of bottom trawling on deep-sea sediment properties along the flanks of a submarine canyon. <i>PLoS ONE</i> , <b>2014</b> , 9, e104536	3.7	59
108	Commercial bottom trawling as a driver of sediment dynamics and deep seascape evolution in the Anthropocene. <i>Anthropocene</i> , <b>2014</b> , 7, 1-15	3.9	57
107	Chronic and intensive bottom trawling impairs deep-sea biodiversity and ecosystem functioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 8861-6	11.5	229
106	Interaction of dense shelf water cascading and open-sea convection in the northwestern Mediterranean during winter 2012. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 1379-1385	4.9	116
105	Metal concentrations and detoxification mechanisms in <i>Solea solea</i> and <i>Solea senegalensis</i> from NW Mediterranean fishing grounds. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 77, 90-9	6.7	22
104	Polar marine biology science in Portugal and Spain: Recent advances and future perspectives. <i>Journal of Sea Research</i> , <b>2013</b> , 83, 9-29	1.9	14

103	Nepheloid layer distribution in the Gulf of Valencia, northwestern Mediterranean. <i>Journal of Marine Systems</i> , <b>2013</b> , 111-112, 130-138	2.7	15
102	Thick bottom nepheloid layers in the western Mediterranean generated by deep dense shelf water cascading. <i>Progress in Oceanography</i> , <b>2013</b> , 111, 1-23	3.8	75
101	Sediment transport along the Cap de Creus Canyon flank during a mild, wet winter. <i>Biogeosciences</i> , <b>2013</b> , 10, 3221-3239	4.6	18
100	Organic biomarkers in deep-sea regions affected by bottom trawling: pigments, fatty acids, amino acids and carbohydrates in surface sediments from the La Fonera (Palamós) Canyon, NW Mediterranean Sea. <i>Biogeosciences</i> , <b>2013</b> , 10, 8093-8108	4.6	12
99	Role of dense shelf water cascading in the transfer of organochlorine compounds to open marine waters. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 2624-32	10.3	26
98	Ploughing the deep sea floor. <i>Nature</i> , <b>2012</b> , 489, 286-9	50.4	301
97	Sediment transport to the deep canyons and open-slope of the western Gulf of Lions during the 2006 intense cascading and open-sea convection period. <i>Progress in Oceanography</i> , <b>2012</b> , 106, 1-15	3.8	55
96	Near-bottom particulate matter dynamics in the Nazaré submarine canyon under calm and stormy conditions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2011</b> , 58, 2388-2400	2.3	37
95	Effects of storm events on the shelf-to-basin sediment transport in the southwestern end of the Gulf of Lions (Northwestern Mediterranean). <i>Natural Hazards and Earth System Sciences</i> , <b>2011</b> , 11, 843-850	3.9	18
94	Dense shelf water cascades in the Cap de Creus and Palamós submarine canyons during winters 2007 and 2008. <i>Marine Geology</i> , <b>2011</b> , 284, 175-188	3.3	29
93	The new Seafloor Observatory (OBSEA) for remote and long-term coastal ecosystem monitoring. <i>Sensors</i> , <b>2011</b> , 11, 5850-72	3.8	60
92	Flux and composition of settling particles across the continental margin of the Gulf of Lion: the role of dense shelf water cascading. <i>Biogeosciences</i> , <b>2010</b> , 7, 217-231	4.6	50
91	Reexposure and advection of <sup>14</sup> C-depleted organic carbon from old deposits at the upper continental slope. <i>Global Biogeochemical Cycles</i> , <b>2010</b> , 24, n/a-n/a	5.9	7
90	Large-scale bedforms along a tideless outer shelf setting in the western Mediterranean. <i>Continental Shelf Research</i> , <b>2010</b> , 30, 1802-1813	2.4	28
89	Alexandrium minutum resting cyst distribution dynamics in a confined site. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2010</b> , 57, 210-221	2.3	34
88	Lateral advection of organic matter in cascading-dominated submarine canyons. <i>Progress in Oceanography</i> , <b>2010</b> , 84, 185-203	3.8	41
87	Seasonal to interannual variability and geographic distribution of the silicoflagellate fluxes in the Western Mediterranean. <i>Marine Micropaleontology</i> , <b>2010</b> , 77, 46-57	1.7	34
86	Patterns of metal bioaccumulation in two filter-feeding macroinvertebrates: exposure distribution, inter-species differences and variability across developmental stages. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 2795-806	10.2	43

85	Cascades in Mediterranean Submarine Grand Canyons. <i>Oceanography</i> , <b>2009</b> , 22, 26-43	2.3	140
84	Downward particle fluxes, wind and a phytoplankton bloom over a polar continental shelf: A stormy impulse for the biological pump. <i>Marine Geology</i> , <b>2009</b> , 259, 59-72	3.3	34
83	Deep sediment transport induced by storms and dense shelf-water cascading in the northwestern Mediterranean basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2009</b> , 56, 425-434	2.5	49
82	Transport and depositional process of soil organic matter during wet and dry storms on the TÈ inner shelf (NW Mediterranean). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 273, 228-238	2.9	18
81	Across margin export of organic matter by cascading events traced by stable isotopes, northwestern Mediterranean Sea. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 1488-1500	4.8	52
80	Impact of dense shelf water cascading on the transfer of organic matter to the deep western Mediterranean basin. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	57
79	Suspended sediment transport in the Gulf of Lions (NW Mediterranean): Impact of extreme storms and floods. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 2048-2070	2.4	115
78	Storm-driven shelf-to-canyon suspended sediment transport at the southwestern Gulf of Lions. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 1947-1956	2.4	72
77	Seasonal and event-controlled export of organic matter from the shelf towards the Gulf of Lions continental slope. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 1971-1983	2.4	35
76	Dense shelf water cascades and sedimentary furrow formation in the Cap de Creus Canyon, northwestern Mediterranean Sea. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 2017-2030	2.4	103
75	Alteration of bottom roughness by benthic organisms in a sandy coastal environment. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 2382-2392	2.4	17
74	Comparison of horizontal and downward particle fluxes across canyons of the Gulf of Lions (NW Mediterranean): Meteorological and hydrodynamical forcing. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 1957-1970	2.4	40
73	Sediment dispersal from a typical Mediterranean flood: The TÈ River, Gulf of Lions. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 1895-1910	2.4	48
72	Climate influence on deep sea populations. <i>PLoS ONE</i> , <b>2008</b> , 3, e1431	3.7	152
71	Anthropogenic trace metals in the sedimentary record of the Llobregat continental shelf and adjacent Foix Submarine Canyon (northwestern Mediterranean). <i>Marine Geology</i> , <b>2008</b> , 248, 213-227	3.3	44
70	Effect of commercial trawling on the deep sedimentation in a Mediterranean submarine canyon. <i>Marine Geology</i> , <b>2008</b> , 252, 150-155	3.3	58
69	Near-bottom horizontal transfer of particulate matter in the PalamÈ Submarine Canyon (NW Mediterranean). <i>Journal of Marine Research</i> , <b>2007</b> , 65, 193-218	1.5	27
68	Dynamics of suprabenthos off the Ebro Delta (Catalan Sea: western Mediterranean): Spatial 13 and temporal patterns and relationships with environmental factors. <i>Estuarine, Coastal and Shelf Science</i> , <b>2007</b> , 75, 501-515	2.9	30

67	High occurrence of the elasipodid holothurian <i>Penilpidia ludwigi</i> (von Marenzeller, 1893) in bathyal sediment traps moored in a western Mediterranean submarine canyon. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2007</b> , 54, 2170-2180	2.5	10
66	Sediment transport processes from the topset to the foreset of a crenulated clinoform (Adriatic Sea). <i>Continental Shelf Research</i> , <b>2007</b> , 27, 452-474	2.4	48
65	Sequence of hydrographic changes in NW Mediterranean deep water due to the exceptional winter of 2005. <i>Scientia Marina</i> , <b>2007</b> , 71, 339-346	1.8	76
64	Suspended sediment fluxes and transport processes in the Gulf of Lions submarine canyons. The role of storms and dense water cascading. <i>Marine Geology</i> , <b>2006</b> , 234, 43-61	3.3	208
63	Massive sand beds attributed to deposition by dense water cascades in the Bourcart canyon head, Gulf of Lions (northwestern Mediterranean Sea). <i>Marine Geology</i> , <b>2006</b> , 234, 111-128	3.3	55
62	Composition and variability of downward particulate matter fluxes in the Palam� submarine canyon (NW Mediterranean). <i>Journal of Marine Systems</i> , <b>2006</b> , 60, 75-97	2.7	80
61	Biochemical composition of marine sediment from the eastern Weddell Sea (Antarctica): High nutritive value in a high benthic-biomass environment. <i>Journal of Marine Systems</i> , <b>2006</b> , 60, 255-267	2.7	44
60	Evidence of sediment gravity flows induced by trawling in the Palam� (Fonera) submarine canyon (northwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2006</b> , 53, 201-214	2.5	80
59	A unique assemblage of epibenthic sessile suspension feeders with archaic features in the high-Antarctic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2006</b> , 53, 1029-1052	2.3	60
58	Particle fluxes and tides near the continental ice edge on the eastern Weddell Sea shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2006</b> , 53, 866-874	2.3	15
57	Flushing submarine canyons. <i>Nature</i> , <b>2006</b> , 444, 354-7	50.4	600
56	Sediment dynamics during wet and dry storm events on the T� inner shelf (SW Gulf of Lions). <i>Marine Geology</i> , <b>2006</b> , 234, 129-142	3.3	101
55	Relationships between Antarctic coastal and deep-sea particle fluxes: implications for the deep-sea benthos. <i>Polar Biology</i> , <b>2006</b> , 29, 249-256	2	12
54	Holocene neoglacial events in the Bransfield Strait (Antarctica). Palaeocenographic and paleoclimatic significance. <i>Scientia Marina</i> , <b>2006</b> , 70, 607-619	1.8	6
53	Fine-grained sediment dynamics during a strong storm event in the inner-shelf of the Gulf of Lion (NW Mediterranean). <i>Continental Shelf Research</i> , <b>2005</b> , 25, 2410-2427	2.4	68
52	Downward particle fluxes in the Guadiaro submarine canyon depositional system (north-western Alboran Sea), a river flood dominated system. <i>Marine Geology</i> , <b>2005</b> , 220, 23-40	3.3	39
51	General patterns of circulation, sediment fluxes and ecology of the Palam� (La Fonera) submarine canyon, northwestern Mediterranean. <i>Progress in Oceanography</i> , <b>2005</b> , 66, 89-119	3.8	91
50	Bottom Sediment Variability in the Active Layer of the Inner Shelf off the Ebro Delta. <i>Journal of Coastal Research</i> , <b>2005</b> , 213, 482-496	0.6	2



49	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> , <b>2004</b> , 209, 265-277	3.3	32
48	Role of internal waves in the generation of nepheloid layers on the northwestern Alboran slope: Implications for continental margin shaping. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		82
47	The effects of a strong winter storm on physical and biological variables at a shelf site in the Mediterranean. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , <b>2003</b> , 26, 407-419		50
46	The distribution of trace metals in Florida Bay sediments. <i>Marine Pollution Bulletin</i> , <b>2003</b> , 46, 1420-33	6.7	149
45	Duration and timing of reproduction in decapod crustaceans of the NW Mediterranean continental margin: is there a general pattern?. <i>Marine Ecology - Progress Series</i> , <b>2003</b> , 261, 201-216	2.6	45
44	Influence of benthic boundary layer dynamics on wind-induced currents in the Ebro delta inner shelf. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, 7-1		3
43	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> , <b>2002</b> , 49, 903-920	2.3	43
42	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> , <b>2002</b> , 49, 921-933	2.3	53
41	Bioaccumulation record and paleoclimatic significance in the Western Bransfield Strait. The last 2000 years. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2002</b> , 49, 935-950	2.3	28
40	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> , <b>2002</b> , 49, 3275-3287	2.3	23
39	Seasonal changes of water mass structure and shelf slope exchanges at the Ebro Shelf (NW Mediterranean). <i>Continental Shelf Research</i> , <b>2002</b> , 22, 327-348	2.4	105
38	Near-bottom suspended sediment fluxes on the microtidal low-energy Ebro continental shelf (NW Mediterranean). <i>Continental Shelf Research</i> , <b>2002</b> , 22, 285-303	2.4	66
37	Sediment resuspension across a microtidal, low-energy inner shelf. <i>Continental Shelf Research</i> , <b>2002</b> , 22, 305-325	2.4	38
36	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> , <b>2002</b> , 60, 347-365	1.5	16
35	Fluxes and composition of settling particles during summer in an Antarctic shallow bay of Livingston Island, South Shetlands <b>2002</b> , 133-139		
34	Fluxes and composition of settling particles during summer in an Antarctic shallow bay of Livingston Island, South Shetlands. <i>Polar Biology</i> , <b>2001</b> , 24, 670-676	2	15
33	Near-bottom suspended sediment variability caused by storms and near-inertial internal waves on the Ebro mid continental shelf (NW Mediterranean). <i>Marine Geology</i> , <b>2001</b> , 178, 81-93	3.3	73
32	Insolation dependence of the southeastern subtropical Pacific sea surface temperature over the last 400 kyrs. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 2481-2484	4.9	19

31	Responses of deep-water shrimp populations to intermediate nepheloid layer detachments on the Northwestern Mediterranean continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2001</b> , 48, 2195-2207	2.5	47
30	Impact of bottom trawling on water turbidity and muddy sediment of an unfished continental shelf. <i>Limnology and Oceanography</i> , <b>2001</b> , 46, 1100-1110	4.8	125
29	Deep slope currents and suspended particle fluxes in and around the Foix submarine canyon (NW Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2000</b> , 47, 343-366	2.5	71
28	A multidisciplinary approach to the understanding of hydromedusan populations inhabiting Mediterranean submarine canyons. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2000</b> , 47, 1513-1533	2.5	44
27	Field calibration of optical sensors for measuring suspended sediment concentration in the western Mediterranean. <i>Scientia Marina</i> , <b>2000</b> , 64, 427-435	1.8	62
26	Short-Term Relatively Deep Sedimentation on the Ebro Delta Coast. Opening the Closure Depth <b>1999</b> , 2902		
25	Water and sediment fluxes on the Ebro Delta shoreface: on the role of low frequency currents. <i>Marine Geology</i> , <b>1999</b> , 157, 219-239	3.3	23
24	Heavy metals in particulate matter and sediments in the southern Barcelona sedimentation system (North-western Mediterranean). <i>Marine Chemistry</i> , <b>1999</b> , 63, 311-329	3.7	68
23	Submarine canyons as habitats of prolific plankton populations: three new deep-sea Hydroidomedusae in the western Mediterranean. <i>Zoological Journal of the Linnean Society</i> , <b>1999</b> , 125, 313-329	2.4	41
22	Sediment accumulation rates in the southern Barcelona continental margin (NW Mediterranean Sea) derived from <sup>210</sup> Pb and <sup>137</sup> Cs chronology. <i>Progress in Oceanography</i> , <b>1999</b> , 44, 313-332	3.8	78
21	Zinc contamination in the bottom and suspended sediments of the Guadalquivir estuary after the Aznalcollar spill (south-western Spain). Control of hydrodynamic processes. <i>Science of the Total Environment</i> , <b>1999</b> , 242, 211-220	10.2	23
20	Nepheloid structure and hydrographic control on the Barcelona continental margin, northwestern Mediterranean. <i>Marine Geology</i> , <b>1998</b> , 149, 39-54	3.3	77
19	Historical record of heavy metals in a highly contaminated Mediterranean deposit: The Besòs prodelta. <i>Marine Chemistry</i> , <b>1998</b> , 61, 209-217	3.7	42
18	Temporal variability and composition of settling particle fluxes on the Barcelona continental margin (Northwestern Mediterranean). <i>Journal of Marine Research</i> , <b>1998</b> , 56, 639-654	1.5	72
17	A 120-yr record of widespread contamination from mining of the Iberian pyrite belt. <i>Geology</i> , <b>1997</b> , 25, 291	5	145
16	A historical perspective of the morphological evolution in the lower Ebro river. <i>Environmental Geology</i> , <b>1997</b> , 30, 174-180		74
15	Morpho-structure and sedimentology of the Holocene Ebro prodelta mud belt (northwestern Mediterranean Sea). <i>Continental Shelf Research</i> , <b>1996</b> , 16, 435-456	2.4	46
14	Short- and medium-term grain size changes in deltaic beaches (Ebro Delta, NW Mediterranean). <i>Sedimentary Geology</i> , <b>1996</b> , 101, 55-67	2.8	22



13	Erosional and depositional patterns in the Valencia Channel mouth: An example of a modern channel-lobe transition zone. <i>Marine Geophysical Researches</i> , <b>1996</b> , 18, 104-118	2.3	2
12	Erosional and depositional patterns in the Valencia Channel mouth: An example of a modern channel-lobe transition zone. <i>Marine Geophysical Researches</i> , <b>1995</b> , 17, 503-517	2.3	26
11	Progradation and retreat of the Valencia fanlobes controlled by sea-level changes during the Plio-Pleistocene (northwestern Mediterranean). <i>Marine Geology</i> , <b>1994</b> , 117, 195-205	3.3	10
10	Anthropogenic heavy metal pollution in the sediments of the Barcelona continental shelf (Northwestern Mediterranean). <i>Marine Environmental Research</i> , <b>1994</b> , 38, 17-31	3.3	43
9	Distribution and heavy metal pollution of the suspended particulate matter on the barcelona continental shelf (North-Western Mediterranean). <i>Environmental Pollution</i> , <b>1994</b> , 85, 205-15	9.3	20
8	Longshore bar and trough systems in a microtidal, storm-wave dominated coast: The Ebro Delta (Northwestern Mediterranean). <i>Marine Geology</i> , <b>1993</b> , 115, 239-252	3.3	22
7	Patterns and controls of the suspended matter distribution over the shelf and upper slope south of New England. <i>Continental Shelf Research</i> , <b>1992</b> , 12, 577-600	2.4	22
6	Sediment dynamics and hydrodynamics in the lower course of a river highly regulated by dams: the Ebro River. <i>Sedimentology</i> , <b>1992</b> , 39, 567-579	3.3	80
5	Recent influence of man on the Ebro margin sedimentation system, northwestern Mediterranean Sea. <i>Marine Geology</i> , <b>1990</b> , 95, 247-263	3.3	66
4	Determination of Heavy Metal Pollution by ICP and AAS in the Suspended Matter of the Gulf of Cadiz. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1989</b> , 36, 85-93	1.8	3
3	A standardless X-ray diffraction method for the quantitative analysis of multiphase mixtures. <i>Journal of Applied Crystallography</i> , <b>1987</b> , 20, 457-460	3.8	15
2	Settling particle fluxes across the continental margin of the Gulf of Lion: the role of dense shelf water cascading		1
1	Sediment transport along the Cap de Creus Canyon flank during a mild, wet winter		1