

Pere Puig

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153
papers

6,794
citations

48
h-index

78
g-index

163
ext. papers

7,574
ext. citations

4.3
avg, IF

5.6
L-index

#	Paper	IF	Citations
153	Flushing submarine canyons. <i>Nature</i> , 2006 , 444, 354-7	50.4	600
152	Ploughing the deep sea floor. <i>Nature</i> , 2012 , 489, 286-9	50.4	301
151	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> , 2014 , 111, 8861-6	11.5	229
150	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> , 2006 , 234, 43-61	3.3	208
149	Cold-water corals in the Cap de Creus canyon, northwestern Mediterranean: spatial distribution, density and anthropogenic impact. <i>Marine Ecology - Progress Series</i> , 2009 , 397, 37-51	2.6	190
148	Shelf-to-canyon sediment-transport processes on the Eel continental margin (northern California). <i>Marine Geology</i> , 2003 , 193, 129-149	3.3	182
147	Climate influence on deep sea populations. <i>PLoS ONE</i> , 2008 , 3, e1431	3.7	152
146	Contemporary sediment-transport processes in submarine canyons. <i>Annual Review of Marine Science</i> , 2014 , 6, 53-77	15.4	141
145	Cascades in Mediterranean Submarine Grand Canyons. <i>Oceanography</i> , 2009 , 22, 26-43	2.3	140
144	Impact of bottom trawling on water turbidity and muddy sediment of an unfished continental shelf. <i>Limnology and Oceanography</i> , 2001 , 46, 1100-1110	4.8	125
143	Interaction of dense shelf water cascading and open-sea convection in the northwestern Mediterranean during winter 2012. <i>Geophysical Research Letters</i> , 2013 , 40, 1379-1385	4.9	116
142	Storm-induced sediment gravity flows at the head of the Eel submarine canyon, northern California margin. <i>Journal of Geophysical Research</i> , 2004 , 109,		115
141	Dense shelf water cascades and sedimentary furrow formation in the Cap de Creus Canyon, northwestern Mediterranean Sea. <i>Continental Shelf Research</i> , 2008 , 28, 2017-2030	2.4	103
140	Sediment dynamics during wet and dry storm events on the Tinner shelf (SW Gulf of Lions). <i>Marine Geology</i> , 2006 , 234, 129-142	3.3	101
139	Bathymetrical distribution and size structure of cold-water coral populations in the Cap de Creus and Lacaze-Duthiers canyons (northwestern Mediterranean). <i>Biogeosciences</i> , 2013 , 10, 2049-2060	4.6	97
138	Ecological Role of Submarine Canyons and Need for Canyon Conservation: A Review. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	91
137	General patterns of circulation, sediment fluxes and ecology of the Palam (La Fonera) submarine canyon, northwestern Mediterranean. <i>Progress in Oceanography</i> , 2005 , 66, 89-119	3.8	91

136	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> , 2004 , 109,		82
135	Composition and variability of downward particulate matter fluxes in the Palamós submarine canyon (NW Mediterranean). <i>Journal of Marine Systems</i> , 2006 , 60, 75-97	2.7	80
134	Evidence of sediment gravity flows induced by trawling in the Palamós (Fonera) submarine canyon (northwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006 , 53, 201-214	2.5	80
133	Dense shelf water cascading in the northwestern Mediterranean during the cold winter 2005: Quantification of the export through the Gulf of Lion and the Catalan margin. <i>Geophysical Research Letters</i> , 2008 , 35, n/a-n/a	4.9	79
132	Sediment accumulation rates in the southern Barcelona continental margin (NW Mediterranean Sea) derived from ²¹⁰ Pb and ¹³⁷ Cs chronology. <i>Progress in Oceanography</i> , 1999 , 44, 313-332	3.8	78
131	Nepheloid structure and hydrographic control on the Barcelona continental margin, northwestern Mediterranean. <i>Marine Geology</i> , 1998 , 149, 39-54	3.3	77
130	Sequence of hydrographic changes in NW Mediterranean deep water due to the exceptional winter of 2005. <i>Scientia Marina</i> , 2007 , 71, 339-346	1.8	76
129	Thick bottom nepheloid layers in the western Mediterranean generated by deep dense shelf water cascading. <i>Progress in Oceanography</i> , 2013 , 111, 1-23	3.8	75
128	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> , 2001 , 178, 81-93	3.3	73
127	Storm-driven shelf-to-canyon suspended sediment transport at the southwestern Gulf of Lions. <i>Continental Shelf Research</i> , 2008 , 28, 1947-1956	2.4	72
126	Temporal variability and composition of settling particle fluxes on the Barcelona continental margin (Northwestern Mediterranean). <i>Journal of Marine Research</i> , 1998 , 56, 639-654	1.5	72
125	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> , 2000 , 47, 343-366	2.5	71
124	Sediment deposition in a modern submarine canyon: Eel Canyon, northern California. <i>Marine Geology</i> , 2004 , 211, 101-119	3.3	68
123	Heavy metals in particulate matter and sediments in the southern Barcelona sedimentation system (North-western Mediterranean). <i>Marine Chemistry</i> , 1999 , 63, 311-329	3.7	68
122	Trawling-induced daily sediment resuspension in the flank of a Mediterranean submarine canyon. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014 , 104, 174-183	2.3	67
121	Near-bottom suspended sediment fluxes on the microtidal low-energy Ebro continental shelf (NW Mediterranean). <i>Continental Shelf Research</i> , 2002 , 22, 285-303	2.4	66
120	Field calibration of optical sensors for measuring suspended sediment concentration in the western Mediterranean. <i>Scientia Marina</i> , 2000 , 64, 427-435	1.8	62
119	The new Seafloor Observatory (OBSEA) for remote and long-term coastal ecosystem monitoring. <i>Sensors</i> , 2011 , 11, 5850-72	3.8	60

118	Impact of bottom trawling on deep-sea sediment properties along the flanks of a submarine canyon. <i>PLoS ONE</i> , 2014 , 9, e104536	3.7	59
117	Effect of commercial trawling on the deep sedimentation in a Mediterranean submarine canyon. <i>Marine Geology</i> , 2008 , 252, 150-155	3.3	58
116	Commercial bottom trawling as a driver of sediment dynamics and deep seascape evolution in the Anthropocene. <i>Anthropocene</i> , 2014 , 7, 1-15	3.9	57
115	Impact of dense shelf water cascading on the transfer of organic matter to the deep western Mediterranean basin. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	57
114	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> , 2012 , 106, 1-15	3.8	55
113	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> , 2006 , 234, 111-128	3.3	55
112	Effects of bottom trawling on the Ebro continental shelf sedimentary system (NW Mediterranean). <i>Continental Shelf Research</i> , 2014 , 72, 83-98	2.4	54
111	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	2.3	53
110	Across margin export of organic matter by cascading events traced by stable isotopes, northwestern Mediterranean Sea. <i>Limnology and Oceanography</i> , 2009 , 54, 1488-1500	4.8	52
109	A review of undulated sediment features on Mediterranean prodeltas: distinguishing sediment transport structures from sediment deformation. <i>Marine Geophysical Researches</i> , 2011 , 32, 49-69	2.3	51
108	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> , 2010 , 7, 217-231	4.6	50
107	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> , 2009 , 56, 425-434	2.5	49
106	Sediment transport processes from the topset to the foreset of a crenulated clinoform (Adriatic Sea). <i>Continental Shelf Research</i> , 2007 , 27, 452-474	2.4	48
105	Activity rhythms in the deep-sea: a chronobiological approach. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 131-50	2.8	47
104	Sediment accumulation in the western Gulf of Lions, France: The role of Cap de Creus Canyon in linking shelf and slope sediment dispersal systems. <i>Continental Shelf Research</i> , 2008 , 28, 2031-2047	2.4	47
103	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> , 2001 , 48, 2195-2207	2.5	47
102	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016 , 378, 127-156	3.3	46
101	Morphobathymetric analysis of the large fine-grained sediment waves over the Gulf of Valencia continental slope (NW Mediterranean). <i>Geomorphology</i> , 2016 , 253, 22-37	4.3	46

100	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> , 2003 , 261, 201-216	2.6	45
99	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	3.3	44
98	A multidisciplinary approach to the understanding of hydromedusan populations inhabiting Mediterranean submarine canyons. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000 , 47, 1513-1533	2.5	44
97	Sediment delivery, resuspension, and transport in two contrasting canyon environments in the southwest Gulf of Lions. <i>Continental Shelf Research</i> , 2008 , 28, 2000-2016	2.4	43
96	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	2.3	43
95	Submarine Mass Movements on Continental Margins 213-274		42
94	Lateral advection of organic matter in cascading-dominated submarine canyons. <i>Progress in Oceanography</i> , 2010 , 84, 185-203	3.8	41
93	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> , 1999 , 125, 313-329	2.4	41
92	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> , 2008 , 28, 1957-1970	2.4	40
91	Long-term monitoring programme of the hydrological variability in the Mediterranean Sea: a first overview of the HYDROCHANGES network. <i>Ocean Science</i> , 2013 , 9, 301-324	4	39
90	Downward particle fluxes in the Guadiaro submarine canyon depositional system (north-western Alboran Sea), a river flood dominated system. <i>Marine Geology</i> , 2005 , 220, 23-40	3.3	39
89	Sediment resuspension across a microtidal, low-energy inner shelf. <i>Continental Shelf Research</i> , 2002 , 22, 305-325	2.4	38
88	Origin and accumulation of trace elements in sediments of the northwestern Mediterranean margin. <i>Chemical Geology</i> , 2014 , 380, 61-73	4.2	37
87	A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. <i>Marine Pollution Bulletin</i> , 2015 , 95, 28-39	6.7	35
86	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , 2014 , 497-498, 369-381	10.2	35
85	Sediment Delivery to the Seabed on Continental Margins 49-99		32
84	Cliniform Generation on Mediterranean Margins. <i>Oceanography</i> , 2004 , 17, 104-117	2.3	32
83	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	3.3	32

82	Dense shelf water cascades in the Cap de Creus and Palamós submarine canyons during winters 2007 and 2008. <i>Marine Geology</i> , 2011 , 284, 175-188	3.3	29
81	Large-scale bedforms along a tideless outer shelf setting in the western Mediterranean. <i>Continental Shelf Research</i> , 2010 , 30, 1802-1813	2.4	28
80	Sediment transport processes at the head of Halibut Canyon, eastern Canada margin: An interplay between internal tides and dense shelf-water cascading. <i>Marine Geology</i> , 2013 , 341, 14-28	3.3	27
79	Near-bottom horizontal transfer of particulate matter in the Palamós Submarine Canyon (NW Mediterranean). <i>Journal of Marine Research</i> , 2007 , 65, 193-218	1.5	27
78	The Mechanics of Marine Sediment Gravity Flows 275-337		27
77	Delivery of unprecedented amounts of perfluoroalkyl substances towards the deep-sea. <i>Science of the Total Environment</i> , 2015 , 526, 41-8	10.2	26
76	Increasing sediment accumulation rates in La Fonera (Palamós) submarine canyon axis and their relationship with bottom trawling activities. <i>Geophysical Research Letters</i> , 2015 , 42, 8106-8113	4.9	26
75	Sediment dynamics over sand ridges on a tideless mid-outer continental shelf. <i>Marine Geology</i> , 2015 , 361, 25-40	3.3	25
74	Submarine canyon-head morphologies and inferred sediment transport processes in the Alàs-Almanzora canyon system (SW Mediterranean): On the role of the sediment supply. <i>Marine Geology</i> , 2017 , 393, 21-34	3.3	23
73	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	2.3	23
72	Water and sediment fluxes on the Ebro Delta shoreface: on the role of low frequency currents. <i>Marine Geology</i> , 1999 , 157, 219-239	3.3	23
71	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> , 1999 , 242, 211-220	10.2	23
70	Glider monitoring of shelf suspended particle dynamics and transport during storm and flooding conditions. <i>Continental Shelf Research</i> , 2015 , 109, 135-149	2.4	22
69	Decline of trace metal pollution in the bottom sediments of the Barcelona City continental shelf (NW Mediterranean). <i>Science of the Total Environment</i> , 2017 , 579, 755-767	10.2	20
68	Bottom-trawling along submarine canyons impacts deep sedimentary regimes. <i>Scientific Reports</i> , 2017 , 7, 43332	4.9	19
67	Space-for-time substitution and the evolution of a submarine canyon-channel system in a passive progradational margin. <i>Geomorphology</i> , 2014 , 221, 34-50	4.3	19
66	(Sub-)inertial wave boundary turbulence in the Gulf of Valencia. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 2067-2073	3.3	18
65	Sediment transport along the Cap de Creus Canyon flank during a mild, wet winter. <i>Biogeosciences</i> , 2013 , 10, 3221-3239	4.6	18

64	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> , 2011 , 11, 843-850	3.9	18
63	Alteration of bottom roughness by benthic organisms in a sandy coastal environment. <i>Continental Shelf Research</i> , 2008 , 28, 2382-2392	2.4	17
62	High spatiotemporal variability in meiofaunal assemblages in Blanes Canyon (NW Mediterranean) subject to anthropogenic and natural disturbances. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016 , 117, 70-83	2.5	16
61	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	1.5	16
60	Violent storms within the Sea: dense water formation episodes in the NW Mediterranean. <i>Advances in Geosciences</i> , 2006 , 26, 53-59		16
59	Nepheloid layer distribution in the Gulf of Valencia, northwestern Mediterranean. <i>Journal of Marine Systems</i> , 2013 , 111-112, 130-138	2.7	15
58	Fluxes and composition of settling particles during summer in an Antarctic shallow bay of Livingston Island, South Shetlands. <i>Polar Biology</i> , 2001 , 24, 670-676	2	15
57	Spatial distribution of sedimentation-rate increases in Blanes Canyon caused by technification of bottom trawling fleet. <i>Progress in Oceanography</i> , 2018 , 169, 241-252	3.8	14
56	Habitats of the Cap de Creus Continental Shelf and Cap de Creus Canyon, Northwestern Mediterranean 2012 , 457-469		13
55	Hydrodynamics over the Gulf of Valencia continental slope and their role in sediment transport. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015 , 95, 54-66	2.5	12
54	Spatio-temporal evolution of sediment waves developed on the Gulf of Valencia margin (NW Mediterranean) during the Plio-Quaternary. <i>Marine Geology</i> , 2016 , 378, 276-291	3.3	12
53	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> , 2013 , 10, 8093-8108	4.6	12
52	Relationships between Antarctic coastal and deep-sea particle fluxes: implications for the deep-sea benthos. <i>Polar Biology</i> , 2006 , 29, 249-256	2	12
51	Persistence of Biogeochemical Alterations of Deep-Sea Sediments by Bottom Trawling. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091279	4.9	12
50	Megaflutes in a continental shelf setting, Placentia Bay, Newfoundland. <i>Geomorphology</i> , 2013 , 189, 12-25	4.3	11
49	Submarine Canyons and Gullies. <i>Springer Geology</i> , 2018 , 251-272	0.8	11
48	Organic matter contents and degradation in a highly trawled area during fresh particle inputs (Gulf of Castellammare, southwestern Mediterranean). <i>Biogeosciences</i> , 2019 , 16, 4307-4320	4.6	11
47	Numerical modeling of bottom trawling-induced sediment transport and accumulation in La Fonera submarine canyon, northwestern Mediterranean Sea. <i>Marine Geology</i> , 2017 , 386, 107-125	3.3	10

46	External forcings, oceanographic processes and particle flux dynamics in Cap de Creus submarine canyon, NW Mediterranean Sea. <i>Biogeosciences</i> , 2013 , 10, 3493-3505	4.6	10
45	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> , 2007 , 54, 2170-2180	2.5	10
44	Deep-water Hydromedusae from the Lacaze-Duthiers submarine canyon (Banyuls, northwestern Mediterranean) and description of two new genera, <i>Guillea</i> and <i>Parateclaia</i> . <i>Scientia Marina</i> , 2000 , 64, 87-95	1.8	10
43	Large sediment waves over the Gulf of Roses upper continental slope (NW Mediterranean). <i>Marine Geology</i> , 2018 , 399, 84-96	3.3	9
42	Hydrodynamic, non-photic modulation of biorhythms in the Norway lobster, <i>Nephrops norvegicus</i> (L.). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009 , 56, 366-373	2.5	9
41	Resting stages in a submarine canyon: a component of shallow-deep-sea coupling?. <i>Hydrobiologia</i> , 2000 , 440, 249-260	2.4	9
40	Fishing Activities. <i>Springer Geology</i> , 2018 , 503-534	0.8	9
39	Internal wave turbulence in the Llobregat prodelta (NW Mediterranean) under stratified conditions: A mechanism for sediment waves generation?. <i>Marine Geology</i> , 2017 , 388, 1-11	3.3	8
38	Mobile robotic platforms for the acoustic tracking of deep-sea demersal fishery resources. <i>Science Robotics</i> , 2020 , 5,	18.6	8
37	Enhancement of sedimentation rates in the Foix Canyon after the renewal of trawling fleets in the early XXist century. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018 , 132, 51-59	2.5	7
36	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> , 2019 , 196, 86-96	2.7	7
35	Reexposure and advection of ¹⁴ C-depleted organic carbon from old deposits at the upper continental slope. <i>Global Biogeochemical Cycles</i> , 2010 , 24, n/a-n/a	5.9	7
34	Mixing dynamics on the inner shelf of the Ebro Delta. <i>Scientia Marina</i> , 2012 , 76, 31-43	1.8	7
33	First report of the carnivorous sponge <i>Lycopodina hypogea</i> (Cladorhizidae) associated with marine debris, and its possible implications on deep-sea connectivity. <i>Marine Pollution Bulletin</i> , 2020 , 159, 111501	6.7	7
32	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> , 2018 , 82, 189	1.8	6
31	Fine-scale water mass variability inside a narrow submarine canyon (the Besòs Canyon) in the NW Mediterranean Sea. <i>Scientia Marina</i> , 2016 , 80, 195-204	1.8	5
30	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> , 2018 , 406, 119-131	3.3	5
29	New records of rare species in the Mediterranean Sea (November 2020). <i>Mediterranean Marine Science</i> ,	2.7	4

28	Bridging the gap between the shallow and deep oceans: The key role of submarine canyons. <i>Progress in Oceanography</i> , 2018 , 169, 1-5	3.8	4
27	Trace metal variability controlled by hydrodynamic processes in a polluted inner shelf environment (Bes prodelta, NW Mediterranean). <i>Science of the Total Environment</i> , 2020 , 735, 139482	10.2	3
26	27 Submarine Canyons in the Mediterranean: A Shelter for Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019 , 285-289	2.1	3
25	SAND RIDGES IN THE MID-OUTER SHELF AS POTENTIAL SAND BORROWS AREAS (NW MEDITERRANEAN) 2015 ,		3
24	Impact of storms on residence times and export of coastal waters during a mild autumn/winter period in the Gulf of Lion. <i>Continental Shelf Research</i> , 2020 , 207, 104192	2.4	3
23	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> , 2021 , 172, 112861	6.7	3
22	First deep-sea Hamigera (Demospongiae: Porifera) species associated with Cold-Water Corals (CWC) on antipodal latitudes of the world. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020 , 164, 103325	2.5	2
21	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> , 2020 , 260, 110028	7.9	2
20	Dense Shelf Water Cascading and Associated Bedforms 2017 , 35-40		2
19	Bottom Sediment Variability in the Active Layer of the Inner Shelf off the Ebro Delta. <i>Journal of Coastal Research</i> , 2005 , 213, 482-496	0.6	2
18	External forcings, oceanographic processes and particle flux dynamics in Cap de Creus submarine canyon, NW Mediterranean Sea		2
17	Bathymetrical distribution and size structure of cold-water coral populations in the Cap de Creus and Lacaze-Duthiers canyons (northwestern Mediterranean)		2
16	Large Sediment Waves Over the Gulf of Roses Continental Slope (NW Mediterranean) 2017 , 259-264		1
15	Natural vs. trawling-induced water turbidity and suspended sediment transport variability within the Palam Canyon (NW Mediterranean). <i>Marine Geophysical Researches</i> , 2021 , 42, 1	2.3	1
14	Settling particle fluxes across the continental margin of the Gulf of Lion: the role of dense shelf water cascading		1
13	Long-term monitoring programme of the hydrological variability in the Mediterranean Sea: a first overview of the HYDROCHANGES network		1
12	Sediment transport along the Cap de Creus Canyon flank during a mild, wet winter		1
11	Mediterranean Coral Provinces as a Sponge Diversity Reservoir: Is There a Mediterranean Cold-Water Coral Sponge Fauna?. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1

10	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> , 2021 , 152658	10.2	○
9	Environmental controls on particle fluxes in the Gulf of Valencia, NW Mediterranean.. <i>Marine Geology</i> , 2020 , 430, 106377	3.3	○
8	Sediment characteristics and internal architecture of offshore sand ridges on a tideless continental shelf (western Mediterranean). <i>Earth Surface Processes and Landforms</i> , 2020 , 45, 3592-3606	3.7	○
7	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> , 2022 , 223, 106113	3.9	○
6	Sand Ridges on the Mid-Outer Valencia Continental Shelf 2017 , 173-177		
5	Large-Scale Fine-Grained Sediment Waves Over the Gulf of Valencia Continental Slope (NW Mediterranean) 2017 , 265-271		
4	Resting stages in a submarine canyon: a component of shallow-deep-sea coupling? 2000 , 249-260		
3	Fluxes and composition of settling particles during summer in an Antarctic shallow bay of Livingston Island, South Shetlands 2002 , 133-139		
2	Distinguishing Sediment Bedforms from Sediment Deformation in Prodeltas of the Mediterranean Sea 2012 , 233-244		
1	Persistent, Depth-Intensified Mixing During The Western Mediterranean Transition's Initial Stages. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC016535	3.3	