

Fiz Fernandez Perez

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

9,067
citations

38660

50
h-index

53109

85
g-index

233
all docs

233
docs citations

233
times ranked

7961
citing authors

#	ARTICLE	IF	CITATIONS
1	Best Practice Data Standards for Discrete Chemical Oceanographic Observations. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	16
2	Spectrophotometric Measurement of Carbonate Ion in Seawater over a Decade: Dealing with Inconsistencies. <i>Environmental Science & Technology</i> , 2022, 56, 7381-7395.	4.6	2
3	The Mediterranean mussel <i>Mytilus galloprovincialis</i> : responses to climate change scenarios as a function of the original habitat. , 2021, 9, coaa114.		12
4	Counteracting Contributions of the Upper and Lower Meridional Overturning Limbs to the North Atlantic Nutrient Budgets: Enhanced Imbalance in 2010. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006898.	1.9	4
5	A vision for FAIR ocean data products. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	11
6	Contrasting drivers and trends of ocean acidification in the subarctic Atlantic. <i>Scientific Reports</i> , 2021, 11, 13991.	1.6	5
7	Anthropogenic CO ₂ and ocean acidification in Argentine Basin Water Masses over almost five decades of observations. <i>Science of the Total Environment</i> , 2021, 779, 146570.	3.9	11
8	A High-Resolution Modeling Study of the Circulation Patterns at a Coastal Embayment: R�a de Pontevedra (NW Spain) Under Upwelling and Downwelling Conditions. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
9	An updated version of the global interior ocean biogeochemical data product, GLODAPv2.2021. <i>Earth System Science Data</i> , 2021, 13, 5565-5589.	3.7	54
10	Precise ²¹⁰ Pb determination with high-efficiency gamma spectrometry for dating of marine sedimentary cores. <i>Applied Radiation and Isotopes</i> , 2020, 156, 108962.	0.7	4
11	Processes Driving Global Interior Ocean pH Distribution. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006229.	1.9	35
12	Behavioural responses to predators in Mediterranean mussels (<i>Mytilus galloprovincialis</i>) are unaffected by elevated pCO ₂ . <i>Marine Environmental Research</i> , 2020, 161, 105148.	1.1	15
13	The Northeast Atlantic is running out of excess carbonate in the horizon of cold-water corals communities. <i>Scientific Reports</i> , 2020, 10, 14714.	1.6	6
14	North Atlantic Western Boundary Currents Are Intense Dissolved Organic Carbon Streams. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	2
15	Global Ocean Spectrophotometric pH Assessment: Consistent Inconsistencies. <i>Environmental Science & Technology</i> , 2020, 54, 10977-10988.	4.6	27
16	A global monthly climatology of oceanic total dissolved inorganic carbon: a neural network approach. <i>Earth System Science Data</i> , 2020, 12, 1725-1743.	3.7	22
17	ARIOS: a database for ocean acidification assessment in the Iberian upwelling system (1976�2018). <i>Earth System Science Data</i> , 2020, 12, 2647-2663.	3.7	8
18	An updated version of the global interior ocean biogeochemical data product, GLODAPv2.2020. <i>Earth System Science Data</i> , 2020, 12, 3653-3678.	3.7	76

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19	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	60
20	The oceanic sink for anthropogenic CO ₂ from 1994 to 2007. <i>Science</i> , 2019, 363, 1193-1199.	6.0	505
21	Long-term integrated biogeochemical budget driven by circulation in the eastern subpolar North Atlantic. <i>Progress in Oceanography</i> , 2019, 173, 51-65.	1.5	5
22	Decadal acidification in Atlantic and Mediterranean water masses exchanging at the Strait of Gibraltar. <i>Scientific Reports</i> , 2019, 9, 15533.	1.6	14
23	A global monthly climatology of total alkalinity: a neural network approach. <i>Earth System Science Data</i> , 2019, 11, 1109-1127.	3.7	31
24	GLODAPv2.2019 – an update of GLODAPv2. <i>Earth System Science Data</i> , 2019, 11, 1437-1461.	3.7	102
25	Role of the circulation on the anthropogenic CO ₂ inventory in the North-East Atlantic: A climatological analysis. <i>Progress in Oceanography</i> , 2018, 161, 78-86.	1.5	2
26	Meridional overturning circulation conveys fast acidification to the deep Atlantic Ocean. <i>Nature</i> , 2018, 554, 515-518.	13.7	64
27	Spatio-temporal variability and controls on methane and nitrous oxide in the Guadalquivir Estuary, Southwestern Europe. <i>Aquatic Sciences</i> , 2018, 80, 1.	0.6	14
28	Sources, cycling and transfer of mercury in the Labrador Sea (Geotraces-Geovide cruise). <i>Marine Chemistry</i> , 2018, 198, 64-69.	0.9	21
29	Inorganic carbon and water masses in the Irminger Sea since 1991. <i>Biogeosciences</i> , 2018, 15, 51-72.	1.3	14
30	Evolution of ²³¹ Pa and ²³⁰ Th in overflow waters of the North Atlantic. <i>Biogeosciences</i> , 2018, 15, 7299-7313.	1.3	12
31	Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise. <i>Biogeosciences</i> , 2018, 15, 7097-7109.	1.3	10
32	Water mass distributions and transports for the 2014 GEOVIDE cruise in the North Atlantic. <i>Biogeosciences</i> , 2018, 15, 2075-2090.	1.3	41
33	Transport and storage of anthropogenic C in the North Atlantic Subpolar Ocean. <i>Biogeosciences</i> , 2018, 15, 4661-4682.	1.3	7
34	Mercury distribution and transport in the North Atlantic Ocean along the GEOTRACES-GA01 transect. <i>Biogeosciences</i> , 2018, 15, 2309-2323.	1.3	29
35	The ²²⁶ Ra relationship in the North Atlantic during GEOTRACES-GA01. <i>Biogeosciences</i> , 2018, 15, 3027-3048.	1.3	25
36	Ventilation versus biology: What is the controlling mechanism of nitrous oxide distribution in the North Atlantic?. <i>Global Biogeochemical Cycles</i> , 2017, 31, 745-760.	1.9	12

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37	The GEOVIDE cruise in May–June 2014 reveals an intense Meridional Overturning Circulation over a cold and fresh subpolar North Atlantic. <i>Biogeosciences</i> , 2017, 14, 5323-5342.	1.3	29
38	Can Empirical Algorithms Successfully Estimate Aragonite Saturation State in the Subpolar North Atlantic?. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	5
39	Ocean acidification in the subpolar North Atlantic: rates and mechanisms controlling pH changes. <i>Biogeosciences</i> , 2016, 13, 3701-3715.	1.3	21
40	On the Mediterranean Water Composition. <i>Journal of Physical Oceanography</i> , 2016, 46, 1339-1358.	0.7	23
41	Dissolved Organic Carbon in the North Atlantic Meridional Overturning Circulation. <i>Scientific Reports</i> , 2016, 6, 26931.	1.6	31
42	The northern North Atlantic Ocean mean circulation in the early 21st century. <i>Progress in Oceanography</i> , 2016, 146, 142-158.	1.5	124
43	Calcium distribution in the subtropical Atlantic Ocean: Implications for calcium excess and saturation horizons. <i>Journal of Marine Systems</i> , 2016, 158, 45-51.	0.9	6
44	The Global Ocean Data Analysis Project version 2 (GLODAPv2) – an internally consistent data product for the world ocean. <i>Earth System Science Data</i> , 2016, 8, 297-323.	3.7	424
45	A new global interior ocean mapped climatology: the 1°–1° GLODAP version 2. <i>Earth System Science Data</i> , 2016, 8, 325-340.	3.7	284
46	Trends of pH decrease in the Mediterranean Sea through high frequency observational data: indication of ocean acidification in the basin. <i>Scientific Reports</i> , 2015, 5, 16770.	1.6	46
47	Dissolved inorganic carbon budgets in the eastern subpolar North Atlantic in the 2000s from in situ data. <i>Geophysical Research Letters</i> , 2015, 42, 9853-9861.	1.5	9
48	Transports and budgets of anthropogenic CO_2 in the tropical North Atlantic in 1992–1993 and 2010–2011. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1075-1091.	1.9	9
49	Structure, transports and transformations of the water masses in the Atlantic Subpolar Gyre. <i>Progress in Oceanography</i> , 2015, 135, 18-36.	1.5	69
50	Ocean acidification along the 24.5°N section in the subtropical North Atlantic. <i>Geophysical Research Letters</i> , 2015, 42, 450-458.	1.5	7
51	Anthropogenic CO_2 changes in the Equatorial Atlantic Ocean. <i>Progress in Oceanography</i> , 2015, 134, 256-270.	1.5	4
52	Spectrophotometric Measurements of the Carbonate Ion Concentration: Aragonite Saturation States in the Mediterranean Sea and Atlantic Ocean. <i>Environmental Science & Technology</i> , 2015, 49, 11679-11687.	4.6	10
53	Decadal acidification in the water masses of the Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9950-9955.	3.3	46
54	Nitrous oxide and methane in Atlantic and Mediterranean waters in the Strait of Gibraltar: Air-sea fluxes and inter-basin exchange. <i>Progress in Oceanography</i> , 2015, 138, 18-31.	1.5	14

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55	Trends in anthropogenic CO ₂ in water masses of the Subtropical North Atlantic Ocean. <i>Progress in Oceanography</i> , 2015, 131, 21-32.	1.5	15
56	Quasi-synoptic transport, budgets and water mass transformation in the Azores–Gibraltar Strait region during summer 2009. <i>Progress in Oceanography</i> , 2015, 130, 47-64.	1.5	12
57	Global Carbon Budget 2015. <i>Earth System Science Data</i> , 2015, 7, 349-396.	3.7	616
58	Variability of the transport of anthropogenic CO ₂ at the Greenland–Portugal OVIDE section: controlling mechanisms. <i>Biogeosciences</i> , 2014, 11, 2375-2389.	1.3	12
59	Anthropogenic CO ₂ estimates in the Southern Ocean: Storage partitioning in the different water masses. <i>Progress in Oceanography</i> , 2014, 120, 230-242.	1.5	31
60	Seasonal dynamics in the Azores–Gibraltar Strait region: A climatologically-based study. <i>Progress in Oceanography</i> , 2014, 122, 116-130.	1.5	21
61	Atlantic Ocean CO ₂ uptake reduced by weakening of the meridional overturning circulation. <i>Nature Geoscience</i> , 2013, 6, 146-152.	5.4	101
62	Total alkalinity estimation using MLR and neural network techniques. <i>Journal of Marine Systems</i> , 2013, 111-112, 11-18.	0.9	32
63	Anthropogenic carbon changes in the Irminger Basin (1981–2006): Coupling $\delta^{13}C_{DIC}$ and DIC observations. <i>Journal of Marine Systems</i> , 2013, 126, 24-32.	0.9	13
64	New insights on the mineralization of dissolved organic matter in central, intermediate, and deep water masses of the northeast North Atlantic. <i>Limnology and Oceanography</i> , 2013, 58, 681-696.	1.6	43
65	Net sea–air CO ₂ flux uncertainties in the Bay of Biscay based on the choice of wind speed products and gas transfer parameterizations. <i>Biogeosciences</i> , 2013, 10, 2993-3005.	1.3	5
66	Short-term variability of surface carbon dioxide and sea-air CO ₂ fluxes in the shelf waters of the Galician coastal upwelling system. <i>Scientia Marina</i> , 2013, 77, 37-48.	0.3	7
67	A uniform, quality controlled Surface Ocean CO ₂ Atlas (SOCAT). <i>Earth System Science Data</i> , 2013, 5, 125-143.	3.7	158
68	Surface Ocean CO ₂ Atlas (SOCAT) gridded data products. <i>Earth System Science Data</i> , 2013, 5, 145-153.	3.7	101
69	Atlantic forcing of the Mediterranean oligotrophy. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	77
70	Water masses distribution in the Southern Ocean: Improvement of an extended OMP (eOMP) analysis. <i>Progress in Oceanography</i> , 2012, 103, 92-105.	1.5	60
71	Mass, nutrient and oxygen budgets for the northeastern Atlantic Ocean. <i>Biogeosciences</i> , 2012, 9, 4099-4113.	1.3	16
72	Observed acidification trends in North Atlantic water masses. <i>Biogeosciences</i> , 2012, 9, 5217-5230.	1.3	26

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73	The subsurface layer reference to calculate preformed alkalinity and air-sea CO ₂ disequilibrium in the Atlantic Ocean. <i>Journal of Marine Systems</i> , 2012, 94, 52-63.	0.9	20
74	Anthropogenic carbon inventory in the Gulf of Cadiz. <i>Journal of Marine Systems</i> , 2012, 92, 67-75.	0.9	31
75	An update of anthropogenic CO ₂ storage rates in the western South Atlantic basin and the role of Antarctic Bottom Water. <i>Journal of Marine Systems</i> , 2012, 94, 197-203.	0.9	39
76	Temporal changes in the water mass distribution and transports along the 20°W CAIBOX section (NE Tj ETQq0 0,0 µgBT /Oyerlock 10 0,4		
77	Trends of anthropogenic CO ₂ along 20° W in the Iberian Basin. <i>Ciencias Marinas</i> , 2012, 38, 287-306.	0.4	5
78	Anthropogenic carbon and water masses in the Bay of Biscay. <i>Ciencias Marinas</i> , 2012, 38, 191-207.	0.4	3
79	CO ₂ air-sea disequilibrium and preformed alkalinity in the Pacific and Indian oceans calculated from subsurface layer data. <i>Journal of Marine Systems</i> , 2011, 84, 67-77.	0.9	8
80	Oceanic CO ₂ uptake and biogeochemical variability during the formation of the Eastern North Atlantic Central water under two contrasting NAO scenarios. <i>Journal of Marine Systems</i> , 2011, 84, 96-105.	0.9	7
81	Reconstruction of the seasonal cycle of air-sea CO ₂ fluxes in the Strait of Gibraltar. <i>Marine Chemistry</i> , 2011, 126, 155-162.	0.9	6
82	Evolution of upwelling systems coupled to the long-term variability in sea surface temperature and Ekman transport. <i>Climate Research</i> , 2011, 48, 231-246.	0.4	81
83	Surface fCO ₂ variability in the Loire plume and adjacent shelf waters: High spatio-temporal resolution study using ships of opportunity. <i>Marine Chemistry</i> , 2010, 118, 108-118.	0.9	26
84	Anthropogenic carbon dioxide in the South Atlantic western basin. <i>Journal of Marine Systems</i> , 2010, 83, 38-44.	0.9	18
85	Plankton response to weakening of the Iberian coastal upwelling. <i>Global Change Biology</i> , 2010, 16, 1258-1267.	4.2	103
86	Air-Sea CO ₂ fluxes in the Atlantic as measured during boreal spring and autumn. <i>Biogeosciences</i> , 2010, 7, 1587-1606.	1.3	35
87	Trends of anthropogenic CO ₂ storage in North Atlantic water masses. <i>Biogeosciences</i> , 2010, 7, 1789-1807.	1.3	46
88	The Atlantic Meridional Overturning Circulation and the subpolar gyre observed at the A25-OVIDE section in June 2002 and 2004. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1374-1391.	0.6	73
89	Anthropogenic CO ₂ in the Azores region. <i>Scientia Marina</i> , 2010, 74, 11-19.	0.3	5
90	A multiparametric method of interpolation using WOA05 applied to anthropogenic CO ₂ in the Atlantic. <i>Scientia Marina</i> , 2010, 74, 21-32.	0.3	11

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91	CARINA data synthesis project: pH data scale unification and cruise adjustments. <i>Earth System Science Data</i> , 2010, 2, 133-155.	3.7	16
92	Anthropogenic carbon distributions in the Atlantic Ocean: data-based estimates from the Arctic to the Antarctic. <i>Biogeosciences</i> , 2009, 6, 439-451.	1.3	121
93	Anthropogenic and natural CO ₂ exchange through the Strait of Gibraltar. <i>Biogeosciences</i> , 2009, 6, 647-662.	1.3	62
94	Estimation of air-sea CO ₂ fluxes in the Bay of Biscay based on empirical relationships and remotely sensed observations. <i>Journal of Marine Systems</i> , 2009, 75, 280-289.	0.9	14
95	Correction to "Using altimetry to help explain patchy changes in hydrographic carbon measurements". <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	0
96	Using altimetry to help explain patchy changes in hydrographic carbon measurements. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14
97	CARINA alkalinity data in the Atlantic Ocean. <i>Earth System Science Data</i> , 2009, 1, 45-61.	3.7	22
98	Consistency of cruise data of the CARINA database in the Atlantic sector of the Southern Ocean. <i>Earth System Science Data</i> , 2009, 1, 63-75.	3.7	17
99	fCO _{2sw} variability in the Bay of Biscay during ECO cruises. <i>Continental Shelf Research</i> , 2008, 28, 904-914.	0.9	12
100	Hydrodynamic characterization and performance of an autonomous benthic chamber for use in coastal systems. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 558-571.	1.0	15
101	Temporal variability of the anthropogenic CO ₂ storage in the Irminger Sea. <i>Biogeosciences</i> , 2008, 5, 1669-1679.	1.3	44
102	Physical-biological coupling in the coastal upwelling system of the R�a de Vigo (NW Spain). II: In vitro approach. <i>Marine Ecology - Progress Series</i> , 2008, 353, 41-53.	0.9	5
103	Exchange fluxes between the R�a de Vigo and the shelf: A bidirectional flow forced by remote wind. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	27
104	Atmospheric CO ₂ measurements and error analysis on seasonal air-sea CO ₂ fluxes in the Bay of Biscay. <i>Journal of Marine Systems</i> , 2007, 66, 285-296.	0.9	11
105	Surface CO ₂ measurements in the English Channel and Southern Bight of North Sea using voluntary observing ships. <i>Journal of Marine Systems</i> , 2007, 66, 297-308.	0.9	17
106	Stoichiometry of the degradation of dissolved and particulate biogenic organic matter in the NW Iberian upwelling. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	27
107	Local remineralization patterns in the mesopelagic zone of the Eastern North Atlantic, off the NW Iberian Peninsula. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1925-1940.	0.6	20
108	Microbial and photochemical reactivity of fluorescent dissolved organic matter in a coastal upwelling system. <i>Limnology and Oceanography</i> , 2006, 51, 1391-1400.	1.6	145

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109	Seasonal sea-surface carbon dioxide in the Azores area. <i>Marine Chemistry</i> , 2005, 96, 35-51.	0.9	15
110	Chemical properties of the deep winter mixed layer in the Northeast Atlantic (40°–47°N). <i>Journal of Marine Systems</i> , 2005, 54, 115-125.	0.9	16
111	Unaccounted role of Mediterranean Water in the drawdown of anthropogenic carbon. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	47
112	DOM fluorescence, a tracer for biogeochemical processes in a coastal upwelling system (NW Iberian) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.9	63
113	A decrease in the sink for atmospheric CO ₂ in the North Atlantic. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	92
114	Physical and biogeochemical transports structure in the North Atlantic subpolar gyre. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	42
115	Nutrient mineralization rates and ratios in the eastern South Atlantic. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	29
116	Cycling of dissolved and particulate carbohydrates in a coastal upwelling system (NW Iberian) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.9	18
117	Assessing the contrasting fate of dissolved and suspended organic carbon in a coastal upwelling system (Ría de Vigo™, NW Iberian Peninsula). <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 271-279.	0.9	20
118	The Portugal coastal counter current off NW Spain: new insights on its biogeochemical variability. <i>Progress in Oceanography</i> , 2003, 56, 281-321.	1.5	162
119	Short-term variability of fCO ₂ in seawater and air–sea CO ₂ fluxes in a coastal upwelling system (Ría de Vigo) <i>Tj ETQq1,1 0.784314 rgBT /Ov</i>	0.9	29
120	Carbon distribution, fluxes, and budgets in the subtropical North Atlantic Ocean (24.5°N). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	44
121	Transports and budgets of total inorganic carbon in the subpolar and temperate North Atlantic. <i>Global Biogeochemical Cycles</i> , 2003, 17, 2-1-2-21.	1.9	67
122	Modeling the residual circulation of a coastal embayment affected by wind-driven upwelling: Circulation of the Ría de Vigo (NW Spain). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
123	Large and mesoscale variability of the water masses and the deep chlorophyll maximum in the Azores Front. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	24
124	Carbon dioxide along WOCE line A14: Water masses characterization and anthropogenic entry. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
125	Partitioning of physical and biogeochemical contributions to short-term variability of pCO ₂ in a coastal upwelling system: a quantitative approach. <i>Marine Ecology - Progress Series</i> , 2003, 255, 43-54.	0.9	6
126	Improvements on the back-calculation technique for estimating anthropogenic CO ₂ . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 859-875.	0.6	48

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127	New production of the NW Iberian shelf during the upwelling season over the period 1982â€“1999. Deep-Sea Research Part I: Oceanographic Research Papers, 2002, 49, 1725-1739.	0.6	84
128	Nutrient utilisation and chlorophyll distribution in the Atlantic sector of the Southern Ocean during Austral summer 1995â€“96. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 623-641.	0.6	41
129	Dissolved organic carbon distributions in the Bransfield and Gerlache Straits, Antarctica. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 663-674.	0.6	32
130	Physical and biogeochemical fluxes and net budgets in the subpolar and temperate North Atlantic. Journal of Marine Research, 2002, 60, 191-226.	0.3	29
131	Computing optimum estuarine residual fluxes with a multiparameter inverse method (OERFIM): Application to the Ria de Vigo (NW Spain). Journal of Geophysical Research, 2001, 106, 31303-31318.	3.3	35
132	Coupling between the Iberian basin â€” scale circulation and the Portugal boundary current system: a chemical study. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 1519-1533.	0.6	68
133	Long-term (1977â€“1997) measurements of carbon dioxide in the Eastern North Atlantic: evaluation of anthropogenic input. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2227-2239.	0.6	32
134	Net ecosystem production of dissolved organic carbon in a coastal upwelling system: the R�a de Vigo, Iberian margin of the North Atlantic. Limnology and Oceanography, 2001, 46, 135-146.	1.6	71
135	Temporal variability of atmospheric CO2 of the Spanish Atlantic Coast. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2001, 24, 11-18.	0.7	3
136	Mixing analysis of nutrients, oxygen and inorganic carbon in the Canary Islands region. Journal of Marine Systems, 2001, 28, 183-201.	0.9	57
137	Organic matter distributions in the Eastern North Atlanticâ€™Azores Front region. Journal of Marine Systems, 2001, 30, 33-49.	0.9	31
138	Basin-scale changes of total organic carbon profiles in the eastern South Atlantic. Scientia Marina, 2001, 65, 1-10.	0.3	5
139	Short-time scale coupling between thermohaline and meteorological forcing in the R�a de Pontevedra. Scientia Marina, 2001, 65, 229-240.	0.3	24
140	Succession of phytoplankton assemblages in relation to estuarine hydrodynamics in the R�a de Vigo: a box-model approach. Scientia Marina, 2001, 65, 65-76.	0.3	13
141	Stoichiometry of the net ecosystem metabolism in a coastal inlet affected by upwelling. The R�a de Arousa (NW Spain). Marine Chemistry, 2000, 69, 217-236.	0.9	33
142	Surface Waters of the NW Iberian Margin: Upwelling on the Shelf versus Outwelling of Upwelled Waters from the R�as Baixas. Estuarine, Coastal and Shelf Science, 2000, 51, 821-837.	0.9	143
143	Coupling between the thermohaline, chemical and biological fields during two contrasting upwelling events off the NW Iberian Peninsula. Continental Shelf Research, 2000, 20, 189-210.	0.9	37
144	Climatological coupling of the thermohaline decadal changes in Central Water of the Eastern North Atlantic. Scientia Marina, 2000, 64, 347-353.	0.3	32

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145	Alkalinity determination by potentiometry: intercalibration using three different methods. <i>Ciencias Marinas</i> , 2000, 26, 23-27.	0.4	131
146	Improvements in a fast potentiometric seawater alkalinity determination. <i>Ciencias Marinas</i> , 2000, 26, 463-478.	0.4	36
147	Air-sea CO ₂ fluxes in a coastal embayment affected by upwelling: physical versus biological control. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 1999, 22, 499-515.	0.7	25
148	Dissolved organic matter in shelf waters off the Ria de Vigo (NW Iberian upwelling system). <i>Journal of Marine Systems</i> , 1999, 18, 383-394.	0.9	51
149	Sea surface carbon dioxide off the Iberian Peninsula (North Eastern Atlantic Ocean). <i>Journal of Marine Systems</i> , 1999, 19, 27-46.	0.9	31
150	Dissolved and particulate organic carbon and nitrogen in the Northwestern Mediterranean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1999, 46, 511-527.	0.6	63
151	Carbon cycling in a large coastal embayment, affected by wind-driven upwelling: short-time-scale variability and spatial differences. <i>Marine Ecology - Progress Series</i> , 1999, 176, 215-230.	0.9	33
152	Effect of upwelling pulses on excess carbohydrate synthesis as deduced from nutrient, carbon dioxide and oxygen profiles. <i>Marine Ecology - Progress Series</i> , 1999, 189, 65-75.	0.9	13
153	Improvements in potentiometric determinations of the CO ₂ oceanic system using seawater sub-standards and CO ₂ reference materials. <i>Ciencias Marinas</i> , 1999, 25, 31-49.	0.4	7
154	Modelling Nutrients and Chlorophylla Time Series in an Estuarine Upwelling Ecosystem (Ria de Vigo.) <i>Journal of Marine Systems</i> , 1999, 18, 1001-1017.	0.9	17
155	Chemical characterisation and modelling of water masses in the Northeast Atlantic. <i>Progress in Oceanography</i> , 1998, 41, 249-279.	1.5	58
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