

Marie Boye

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,810
citations

361413

20
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1960
citing authors

#	ARTICLE	IF	CITATIONS
1	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	3.3	257
2	Organic complexation of iron in the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 1477-1497.	1.4	206
3	Atmospheric iron deposition and sea-surface dissolved iron concentrations in the eastern Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 1339-1352.	1.4	172
4	Growth rates of large and small Southern Ocean diatoms in relation to availability of iron in natural seawater. <i>Limnology and Oceanography</i> , 2001, 46, 260-266.	3.1	138
5	Iron availability and the release of iron-complexing ligands by <i>Emiliania huxleyi</i> . <i>Marine Chemistry</i> , 2000, 70, 277-287.	2.3	88
6	Spatial and temporal distribution of Fe(II) and H ₂ O ₂ during EisenEx, an open ocean mesoscale iron enrichment. <i>Marine Chemistry</i> , 2005, 95, 65-88.	2.3	84
7	Major deviations of iron complexation during 22 days of a mesoscale iron enrichment in the open Southern Ocean. <i>Marine Chemistry</i> , 2005, 96, 257-271.	2.3	83
8	Significant portion of dissolved organic Fe complexes in fact is Fe colloids. <i>Marine Chemistry</i> , 2010, 122, 20-27.	2.3	82
9	Dissolved cadmium in the Southern Ocean: Distribution, speciation, and relation to phosphate. <i>Limnology and Oceanography</i> , 2014, 59, 385-399.	3.1	82
10	Horizontal gradient of the chemical speciation of iron in surface waters of the northeast Atlantic Ocean. <i>Marine Chemistry</i> , 2003, 80, 129-143.	2.3	77
11	The biogeochemical cycle of dissolved cobalt in the Atlantic and the Southern Ocean south off the coast of South Africa. <i>Marine Chemistry</i> , 2011, 126, 193-206.	2.3	62
12	The chemical speciation of iron in the north-east Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 667-683.	1.4	56
13	Inputs of iron, manganese and aluminium to surface waters of the Northeast Atlantic Ocean and the European continental shelf. <i>Marine Chemistry</i> , 2007, 107, 120-142.	2.3	46
14	Changes in the concentration of iron in different size fractions during an iron enrichment experiment in the open Southern Ocean. <i>Marine Chemistry</i> , 2005, 95, 51-63.	2.3	45
15	Shipboard analytical intercomparison of dissolved iron in surface waters along a north-south transect of the Atlantic Ocean. <i>Marine Chemistry</i> , 2003, 84, 19-34.	2.3	37
16	Determination of the copper isotope composition of seawater revisited: A case study from the Mediterranean Sea. <i>Chemical Geology</i> , 2019, 511, 465-480.	3.3	36
17	Organic complexation of cobalt across the Antarctic Polar Front in the Southern Ocean. <i>Marine and Freshwater Research</i> , 2005, 56, 1069.	1.3	35
18	Contrasting biogeochemical cycles of cobalt in the surface western Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1387-1412.	4.9	29

#	ARTICLE	IF	CITATIONS
19	Shipboard techniques based on flow injection analysis for measuring dissolved Fe, Mn and Al in seawater. <i>Journal of Environmental Monitoring</i> , 2000, 2, 496-502.	2.1	26
20	The biogeochemistry of cobalt in the Mediterranean Sea. <i>Global Biogeochemical Cycles</i> , 2017, 31, 377-399.	4.9	15
21	Simulation of an artificial upwelling using immersed in situ phytoplankton microcosms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 475, 80-88.	1.5	9
22	Oceanic mercury concentrations on both sides of the Strait of Gibraltar decreased between 1989 and 2012. <i>Anthropocene</i> , 2020, 29, 100230.	3.3	8
23	Potential effects of deep seawater discharge by an Ocean Thermal Energy Conversion plant on the marine microorganisms in oligotrophic waters. <i>Science of the Total Environment</i> , 2019, 693, 133491.	8.0	7
24	Trace metal limitations (Co, Zn) increase PIC/POC ratio in coccolithophore <i>Emiliana huxleyi</i> . <i>Marine Chemistry</i> , 2017, 192, 22-31.	2.3	2
25	Expanding ocean observation and climate services to build resilience in West African fisheries. <i>One Earth</i> , 2021, 4, 1062-1065.	6.8	2