

# Francois Muller

## List of Publications by Year in descending order

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28  
papers

882  
citations

430874

18  
h-index

526287

27  
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28  
docs citations

28  
times ranked

917  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Eddies on Nutrient Supply, Diatom Biomass and Carbon Export in the Northern South China Sea. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	21
2	Biogeochemical Variability of the Upper Ocean Response to Typhoons and Storms in the Northern South China Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	14
3	Exploring the Potential Role of Terrestrially Derived Humic Substances in the Marine Biogeochemistry of Iron. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	26
4	Alteration of the Copper-Binding Capacity of Iron-Rich Humic Colloids during Transport from Peatland to Marine Waters. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3214-3222.	10.0	20
5	The biogeochemical iron cycle and astrobiology. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	10
6	Effects of temperature, rainfall and conifer felling practices on the surface water chemistry of northern peatlands. <i>Biogeochemistry</i> , 2015, 126, 343-362.	3.5	25
7	Differentiating humic and algal surface active substances in coastal waters by their pH-dependent adsorption behaviour. <i>Marine Chemistry</i> , 2015, 174, 35-45.	2.3	7
8	A 7600-year sedimentary record of climatic instability in Dunnet Bay, North Scotland. <i>Marine Geology</i> , 2013, 335, 100-113.	2.1	10
9	Copper binding by terrestrial versus marine organic ligands in the coastal plume of River Thurso, North Scotland. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 133, 137-146.	2.1	40
10	Seasonal variations in surface water chemistry at disturbed and pristine peatland sites in the Flow Country of northern Scotland. <i>Science of the Total Environment</i> , 2012, 435-436, 351-362.	8.0	32
11	Evidence for Strong but Dynamic Iron-Humic Colloidal Associations in Humic-Rich Coastal Waters. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8485-8490.	10.0	107
12	Size fractionation and optical properties of colloids in an organic-rich estuary (Thurso, UK). <i>Marine Chemistry</i> , 2009, 113, 227-237.	2.3	42
13	Estimating the organic acid contribution to coastal seawater alkalinity by potentiometric titrations in a closed cell. <i>Analytica Chimica Acta</i> , 2008, 619, 183-191.	5.4	45
14	Interactions between algal-bacterial populations and trace metals in fjord surface waters during a nutrient-stimulated summer bloom. <i>Limnology and Oceanography</i> , 2005, 50, 1855-1871.	3.1	24
15	Biological factors regulating the chemical speciation of Cu, Zn, and Mn under different nutrient regimes in a marine mesocosm experiment. <i>Limnology and Oceanography</i> , 2003, 48, 2289-2302.	3.1	18
16	Microenvironments and microbial community structure in sediments. <i>Environmental Microbiology</i> , 2002, 4, 97-105.	3.8	26
17	Trace metal distributions in shelf waters of the northwestern Black Sea. <i>Continental Shelf Research</i> , 2001, 21, 1501-1532.	1.8	51
18	Chemical speciation of copper and zinc in surface waters of the western Black Sea. <i>Marine Chemistry</i> , 2001, 76, 233-251.	2.3	34

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19	Evaluation of the effects of natural dissolved and colloidal organic ligands on the electrochemical lability of Cu, Pb and Cd in the Arran Deep, Scotland. <i>Marine Chemistry</i> , 1999, 67, 43-60.	2.3	37
20	Colloid/Solution Partitioning of Metal-Selective Organic Ligands, and its Relevance to Cu, Pb and Cd Cycling in the Firth of Clyde. <i>Estuarine, Coastal and Shelf Science</i> , 1998, 46, 419-437.	2.1	33
21	Measurement of electrokinetic and size characteristics of estuarine colloids by dynamic light scattering spectroscopy. <i>Analytica Chimica Acta</i> , 1996, 331, 1-15.	5.4	29
22	Interactions of copper, lead and cadmium with the dissolved, colloidal and particulate components of estuarine and coastal waters. <i>Marine Chemistry</i> , 1996, 52, 245-268.	2.3	112
23	A field study of the ventilatory response to ambient temperature and pressure in sport diving.. <i>British Journal of Sports Medicine</i> , 1995, 29, 185-190.	6.7	0
24	Distribution and Transport of Chemical Constituents in the Clyde Estuary. <i>Estuarine, Coastal and Shelf Science</i> , 1994, 39, 105-126.	2.1	36
25	Voltammetric determination of the complexation parameters of zinc in marine and estuarine waters. <i>Marine Chemistry</i> , 1991, 33, 71-90.	2.3	39
26	Measurement of the different forms of zinc in Narragansett Bay water based on the rate of uptake by a chelating resin. <i>Marine Chemistry</i> , 1991, 33, 171-186.	2.3	6
27	Long-term changes in the adsorptive properties of FEP separating funnels used in a mixed dithiocarbamate–Freon-TF extraction system. <i>Analytica Chimica Acta</i> , 1991, 245, 21-25.	5.4	9
28	Kinetic approach to trace metal complexation in seawater: application to zinc and cadmium. <i>Environmental Science &amp; Technology</i> , 1990, 24, 234-242.	10.0	29