

Jing-Feng Wu

List of Publications by Year in descending order

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55
papers

4,854
citations

126907

33
h-index

149698

56
g-index

56
all docs

56
docs citations

56
times ranked

4032
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate Depletion in the Western North Atlantic Ocean. <i>Science</i> , 2000, 289, 759-762.	12.6	734
2	Soluble and Colloidal Iron in the Oligotrophic North Atlantic and North Pacific. <i>Science</i> , 2001, 293, 847-849.	12.6	409
3	Complexation of Fe(III) by natural organic ligands in the Northwest Atlantic Ocean by a competitive ligand equilibration method and a kinetic approach. <i>Marine Chemistry</i> , 1995, 50, 159-177.	2.3	350
4	Low Blank Preconcentration Technique for the Determination of Lead, Copper, and Cadmium in Small-Volume Seawater Samples by Isotope Dilution ICPMS. <i>Analytical Chemistry</i> , 1997, 69, 2464-2470.	6.5	299
5	Developing Standards for Dissolved Iron in Seawater. <i>Eos</i> , 2007, 88, 131.	0.1	237
6	Determination of iron in seawater by high-resolution isotope dilution inductively coupled plasma mass spectrometry after Mg(OH) ₂ coprecipitation. <i>Analytica Chimica Acta</i> , 1998, 367, 183-191.	5.4	207
7	Dissolved inorganic phosphorus, dissolved iron, and Trichodesmium in the oligotrophic South China Sea. <i>Global Biogeochemical Cycles</i> , 2003, 17, 8-1-8-10.	4.9	189
8	Lead in the western North Atlantic Ocean: Completed response to leaded gasoline phaseout. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 3279-3283.	3.9	163
9	Variability in oceanic dissolved iron is dominated by the colloidal fraction. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2960-2974.	3.9	112
10	An overview of dissolved Fe and Mn distributions during the 2010-2011 U.S. GEOTRACES north Atlantic cruises: GEOTRACES GA03. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 117-129.	1.4	110
11	Size-fractionated iron concentrations in the water column of the western North Atlantic Ocean. <i>Limnology and Oceanography</i> , 1994, 39, 1119-1129.	3.1	107
12	Surface ocean-lower atmosphere interactions in the Northeast Pacific Ocean Gyre: Aerosols, iron, and the ecosystem response. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	4.9	104
13	The organic complexation of iron and copper: an intercomparison of competitive ligand exchange-adsorptive cathodic stripping voltammetry (CLE-ACSV) techniques. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 496-515.	2.0	100
14	Dissolution of aerosol-derived iron in seawater: Leach solution chemistry, aerosol type, and colloidal iron fraction. <i>Marine Chemistry</i> , 2010, 120, 25-33.	2.3	98
15	Dissolved iron anomaly in the deep tropical-subtropical Pacific: Evidence for long-range transport of hydrothermal iron. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 460-468.	3.9	98
16	Partitioning of dissolved iron and iron isotopes into soluble and colloidal phases along the GA03 GEOTRACES North Atlantic Transect. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 130-151.	1.4	95
17	Initial results from the Bermuda Testbed Mooring program. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 771-794.	1.4	87
18	Redox Chemistry of Iodine in Seawater. <i>Advances in Chemistry Series</i> , 1995, , 135-155.	0.6	80

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19	Spatial and temporal distribution of iron in the surface water of the northwestern Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2729-2741.	3.9	76
20	Iron in the Sargasso Sea: Implications for the processes controlling dissolved Fe distribution in the ocean. <i>Global Biogeochemical Cycles</i> , 2002, 16, 33-1-33-8.	4.9	73
21	Iodine chemistry in the water column of the Chesapeake Bay: Evidence for organic iodine forms. <i>Estuarine, Coastal and Shelf Science</i> , 1991, 32, 267-279.	2.1	66
22	Fertilization potential of volcanic dust in the low-nutrient low-chlorophyll western North Pacific subtropical gyre: Satellite evidence and laboratory study. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	64
23	Isotopic evidence for the source of lead in the North Pacific abyssal water. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4629-4638.	3.9	58
24	Dynamic variability of dissolved Pb and Pb isotope composition from the U.S. North Atlantic GEOTRACES transect. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 208-225.	1.4	58
25	Determination of picomolar iron in seawater by double Mg(OH) ₂ precipitation isotope dilution high-resolution ICPMS. <i>Marine Chemistry</i> , 2007, 103, 370-381.	2.3	52
26	Speciation of manganese in Chesapeake Bay waters by voltammetric methods. <i>Analytica Chimica Acta</i> , 1994, 284, 473-480.	5.4	49
27	Dissolution of aerosol iron in the surface waters of the North Pacific and North Atlantic oceans as determined by a semicontinuous flow-through reactor method. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	4.9	44
28	Long-range transport of hydrothermal dissolved Zn in the tropical South Pacific. <i>Marine Chemistry</i> , 2016, 183, 25-32.	2.3	43
29	What controls dissolved iron concentrations in the world ocean? â€” a comment. <i>Marine Chemistry</i> , 1997, 57, 173-179.	2.3	42
30	The distribution of dissolved manganese in the tropicalâ€”subtropical North Atlantic during US GEOTRACES 2010 and 2011 cruises. <i>Marine Chemistry</i> , 2014, 166, 9-24.	2.3	42
31	Size-fractionated iron distribution on the northern Gulf of Alaska. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	37
32	Determination of lead isotope ratios in seawater by quadrupole inductively coupled plasma mass spectrometry after Mg(OH) ₂ co-precipitation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000, 55, 363-374.	2.9	34
33	The distribution of dissolved copper in the tropical-subtropical north Atlantic across the GEOTRACES GA03 transect. <i>Marine Chemistry</i> , 2015, 176, 189-198.	2.3	34
34	Enhanced biomass burning as a source of aerosol ammonium over cities in central China in autumn. <i>Environmental Pollution</i> , 2020, 266, 115278.	7.5	34
35	The Internal Cycling of Zinc in the Ocean. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1833-1849.	4.9	31
36	Spatial and temporal evolution of lead isotope ratios in the North Atlantic Ocean between 1981 and 1989. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	30

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37	Cadmium in the North Atlantic: Implication for global cadmium-phosphorus relationship. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 226-239.	1.4	25
38	Differentiation Between Nitrate Aerosol Formation Pathways in a Southeast Chinese City by Dual Isotope and Modeling Studies. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032604.	3.3	25
39	Cadmium regeneration within the North Atlantic. Global Biogeochemical Cycles, 2015, 29, 2082-2094.	4.9	23
40	Reversible scavenging traps hydrothermal iron in the deep ocean. Earth and Planetary Science Letters, 2020, 542, 116297.	4.4	21
41	Inter-laboratory study for the certification of trace elements in seawater certified reference materials NASS-7 and CASS-6. Analytical and Bioanalytical Chemistry, 2018, 410, 4469-4479.	3.7	20
42	Dissolved Pb and Pb isotopes in the North Atlantic from the GEOVIDE transect (GEOTRACES GA-01) and their decadal evolution. Biogeosciences, 2018, 15, 4995-5014.	3.3	19
43	Competitive ligand exchange voltammetric determination of iron organic complexation in seawater in two-ligand case: Examination of accuracy using computer simulation and elimination of artifacts using iterative non-linear multiple regression. Marine Chemistry, 2009, 114, 1-10.	2.3	18
44	Water mass mixing: The dominant control on the zinc distribution in the North Atlantic Ocean. Global Biogeochemical Cycles, 2015, 29, 1060-1074.	4.9	18
45	Impact of end-member mixing on depth distributions of $\delta^{13}C$, cadmium and nutrients in the N. Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 107-116.	1.4	17
46	Controls on the Cadmium-Phosphate Relationship in the Tropical South Pacific. Global Biogeochemical Cycles, 2017, 31, 1516-1527.	4.9	16
47	Dissolved and colloidal copper in the tropical South Pacific. Geochimica Et Cosmochimica Acta, 2018, 233, 81-94.	3.9	16
48	Organic dissolved copper speciation across the U.S. GEOTRACES equatorial Pacific zonal transect GP16. Marine Chemistry, 2020, 225, 103841.	2.3	15
49	Meridional distribution of dissolved manganese in the tropical and equatorial Pacific. Geochimica Et Cosmochimica Acta, 2019, 263, 50-67.	3.9	11
50	Monsoon-driven Dynamics of water quality by multivariate statistical methods in Daya Bay, South China Sea. Oceanological and Hydrobiological Studies, 2012, 41, 66-76.	0.7	10
51	Evaluation of black carbon source apportionment based on one year's daily observations in Beijing. Science of the Total Environment, 2021, 773, 145668.	8.0	10
52	Constraining the Global Ocean Cu Cycle With a Data-Assimilated Diagnostic Model. Global Biogeochemical Cycles, 2020, 34, e2020GB006741.	4.9	7
53	Enhanced Primary Production in the Oligotrophic South China Sea Related to Southeast Asian Forest Fires. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015663.	2.6	6
54	Spectrophotometric flow injection determination of dissolved titanium in seawater exploiting in-line nitrilotriacetic acid resin preconcentration and a long path length liquid waveguide capillary cell. Analytica Chimica Acta, 2019, 1053, 54-61.	5.4	4

#	ARTICLE	IF	CITATIONS
55	Determination of Picomolar Titanium in Seawater by Isotope Dilution Multicollector Inductively Coupled Plasma Mass Spectrometry after Mg(OH) ₂ Coprecipitation. Analytical Chemistry, 2021, 93, 13118-13125.	6.5	1