

Jing-Feng Wu

List of Publications by Year in descending order

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55
papers

4,854
citations

126907

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h-index

149698

56
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56
all docs

56
docs citations

56
times ranked

4032
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of black carbon source apportionment based on one year's daily observations in Beijing. <i>Science of the Total Environment</i> , 2021, 773, 145668.	8.0	10
2	Determination of Picomolar Titanium in Seawater by Isotope Dilution Multicollector Inductively Coupled Plasma Mass Spectrometry after Mg(OH) ₂ Coprecipitation. <i>Analytical Chemistry</i> , 2021, 93, 13118-13125.	6.5	1
3	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
4	Constraining the Global Ocean Cu Cycle With a Data-Assimilated Diagnostic Model. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006741.	4.9	7
5	Organic dissolved copper speciation across the U.S. GEOTRACES equatorial Pacific zonal transect GP16. <i>Marine Chemistry</i> , 2020, 225, 103841.	2.3	15
6	Enhanced Primary Production in the Oligotrophic South China Sea Related to Southeast Asian Forest Fires. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015663.	2.6	6
7	Reversible scavenging traps hydrothermal iron in the deep ocean. <i>Earth and Planetary Science Letters</i> , 2020, 542, 116297.	4.4	21
8	Differentiation Between Nitrate Aerosol Formation Pathways in a Southeast Chinese City by Dual Isotope and Modeling Studies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032604.	3.3	25
9	Meridional distribution of dissolved manganese in the tropical and equatorial Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 263, 50-67.	3.9	11
10	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. <i>Analytica Chimica Acta</i> , 2019, 1053, 54-61.	5.4	4
11	Inter-laboratory study for the certification of trace elements in seawater certified reference materials NASS-7 and CASS-6. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4469-4479.	3.7	20
12	The Internal Cycling of Zinc in the Ocean. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1833-1849.	4.9	31
13	Dissolved Pb and Pb isotopes in the North Atlantic from the GEOVIDE transect (GEOTRACES GA-01) and their decadal evolution. <i>Biogeosciences</i> , 2018, 15, 4995-5014.	3.3	19
14	Dissolved and colloidal copper in the tropical South Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 233, 81-94.	3.9	16
15	Controls on the Cadmium-Phosphate Relationship in the Tropical South Pacific. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1516-1527.	4.9	16
16	Long-range transport of hydrothermal dissolved Zn in the tropical South Pacific. <i>Marine Chemistry</i> , 2016, 183, 25-32.	2.3	43
17	Cadmium regeneration within the North Atlantic. <i>Global Biogeochemical Cycles</i> , 2015, 29, 2082-2094.	4.9	23
18	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

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19	Water mass mixing: The dominant control on the zinc distribution in the North Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1060-1074.	4.9	18
20	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
21	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
22	An overview of dissolved Fe and Mn distributions during the 2010â€“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
23	Cadmium in the North Atlantic: Implication for global cadmiumâ€“phosphorus relationship. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 226-239.	1.4	25
24	Impact of end-member mixing on depth distributions of $\delta^{13}C$, cadmium and nutrients in the N. Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 107-116.	1.4	17
25	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
26	The organic complexation of iron and copper: an intercomparison of competitive ligand exchangeâ€“adsorptive cathodic stripping voltammetry (CLEâ€“ACSV) techniques. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 496-515.	2.0	100
27	Monsoon-driven Dynamics of water quality by multivariate statistical methods in Daya Bay, South China Sea. <i>Oceanological and Hydrobiological Studies</i> , 2012, 41, 66-76.	0.7	10
28	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
29	Dissolved iron anomaly in the deep tropicalâ€“subtropical Pacific: Evidence for long-range transport of hydrothermal iron. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 460-468.	3.9	98
30	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
31	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
32	Sizeâ€“fractionated iron distribution on the northern Gulf of Alaska. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	37
33	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. <i>Marine Chemistry</i> , 2009, 114, 1-10.	2.3	18
34	Variability in oceanic dissolved iron is dominated by the colloidal fraction. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2960-2974.	3.9	112
35	Dissolution of aerosol iron in the surface waters of the North Pacific and North Atlantic oceans as determined by a semicontinuous flowâ€“through reactor method. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	4.9	44
36	Developing Standards for Dissolved Iron in Seawater. <i>Eos</i> , 2007, 88, 131.	0.1	237

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37	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
38	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
39	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
40	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
41	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
42	Soluble and Colloidal Iron in the Oligotrophic North Atlantic and North Pacific. <i>Science</i> , 2001, 293, 847-849.	12.6	409
43	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
44	Phosphate Depletion in the Western North Atlantic Ocean. <i>Science</i> , 2000, 289, 759-762.	12.6	734
45	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
46	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
47	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
48	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
49	What controls dissolved iron concentrations in the world ocean? â€” a comment. <i>Marine Chemistry</i> , 1997, 57, 173-179.	2.3	42
50	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
51	Redox Chemistry of Iodine in Seawater. <i>Advances in Chemistry Series</i> , 1995, , 135-155.	0.6	80
52	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
53	Speciation of manganese in Chesapeake Bay waters by voltammetric methods. <i>Analytica Chimica Acta</i> , 1994, 284, 473-480.	5.4	49
54	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

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55	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