Chun-Mao Tseng

List of Publications by Year
in descending order

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55	2,853	147566	182168
papers	citations	31 h-index	51 g-index

55	55	55	2758
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Field determination of inorganic mercury in seawaters by a portable dual-channel and purge-and-trap system with atomic fluorescence spectrometry. International Journal of Environmental Analytical Chemistry, 2023, 103, 7198-7213.	1.8	4
2	Probing the outfall-related anomalous Hg levels in the Danshuei Estuarine Coastal, Taiwan. Marine Pollution Bulletin, 2022, 181, 113840.	2.3	3
3	Bluefin tuna reveal global patterns of mercury pollution and bioavailability in the world's oceans. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	29
4	Controlling mechanisms and cross linkages of ecosystem metabolism and atmospheric CO2 flux in the northern South China Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 157, 103205.	0.6	7
5	Spatiotemporal Variations in Dissolved Elemental Mercury in the River-Dominated and Monsoon-Influenced East China Sea: Drivers, Budgets, and Implications. Environmental Science & Technology, 2020, 54, 3988-3995.	4.6	10
6	Observation of internal tide-induced nutrient upwelling in Hungtsai Trough, a submarine canyon in the northern South China Sea. Continental Shelf Research, 2016, 120, 59-67.	0.9	4
7	Prokaryotic assemblages and metagenomes in pelagic zones of the South China Sea. BMC Genomics, 2015, 16, 219.	1.2	33
8	Corrigendum to "Inter-annual variation of chlorophyll in the northern South China Sea observed at the SEATS Station and its asymmetric responses to climate oscillation" published in Biogeosciences, 10, 7449â€“7462, 2013. Biogeosciences, 2014, 11, 6263-6264.	1.3	0
9	Synthesis of observed airâ€“sea CO₂ exchange fluxes in the river-dominated East China Sea and improved estimates of annual and seasonal net mean fluxes. Biogeosciences, 2014, 11, 3855-3870.	1.3	26
10	Mercury in the Anthropocene Ocean. Oceanography, 2014, 27, 76-87.	0.5	60
11	Mercury in the Alaskan Arctic. , 2014, , 287-302.		2
12	Short time dissolution kinetics of refractory elements Fe, Al, and Ti in Asian outflow-impacted marine aerosols and implications. Atmospheric Environment, 2013, 79, 93-100.	1.9	6
13	A super Asian dust storm over the East and South China Seas: Disproportionate dust deposition. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7169-7181.	1.2	36
14	Determination of low-level mercury in coralline aragonite by calcination-isotope dilution-inductively coupled plasma-mass spectrometry and its application to Diploria specimens from Castle Harbour, Bermuda. Geochimica Et Cosmochimica Acta, 2013, 109, 27-37.	1.6	5
15	A unique seasonal pattern in dissolved elemental mercury in the South China Sea, a tropical and monsoonâ€dominated marginal sea. Geophysical Research Letters, 2013, 40, 167-172.	1.5	31
16	Inter-annual variation of chlorophyll in the northern South China Sea observed at the SEATS Station and its asymmetric responses to climate oscillation. Biogeosciences, 2013, 10, 7449-7462.	1.3	52
17	Seasonality of CO₂ in coastal oceans altered by increasing anthropogenic nutrient delivery from large rivers: evidence from the Changjiangâ€“East China Sea system. Biogeosciences, 2013, 10, 3889-3899.	1.3	40
18	Seasonal changes in gaseous elemental mercury in relation to monsoon cycling over the northern South China Sea. Atmospheric Chemistry and Physics, 2012, 12, 7341-7350.	1.9	25

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19	Yangtze River floods enhance coastal ocean phytoplankton biomass and potential fish production. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	75
20	CO₂uptake in the East China Sea relying on Changjiang runoff is prone to change. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	51
21	The carbonate system in the East China Sea in winter. Marine Chemistry, 2011, 123, 44-55.	0.9	55
22	Tungsten and other heavy metal contamination in aquatic environments receiving wastewater from semiconductor manufacturing. Journal of Hazardous Materials, 2011, 189, 193-202.	6.5	36
23	Sources, solubility, and dry deposition of aerosol trace elements over the East China Sea. Marine Chemistry, 2010, 120, 116-127.	0.9	240
24	Development of a novel on-line flow injection mercury analyzer to determine gaseous elemental mercury over the northern South China Sea. Journal of Analytical Atomic Spectrometry, 2010, 25, 526.	1.6	10
25	Seasonal and interannual variability of carbon cycle in South China Sea: A three-dimensional physical-biogeochemical modeling study. Journal of Oceanography, 2009, 65, 703-720.	0.7	70
26	Anomalous hydrographic and biological conditions in the northern South China Sea during the 1997â€“1998 El NiÃ±o and comparisons with the equatorial Pacific. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 2129-2143.	0.6	27
27	Anomalous biogeochemical conditions in the northern South China Sea during the Elâ€NiÃ±o events between 1997 and 2003. Geophysical Research Letters, 2009, 36, .	1.5	25
28	Alteromonas tagae sp. nov. and Alteromonas simiduii sp. nov., mercury-resistant bacteria isolated from a Taiwanese estuary. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1209-1216.	0.8	56
29	Depth distributions of alkalinity, TCO2 and at SEATS time-series site in the northern South China Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1469-1485.	0.6	40
30	Temporal variations in the carbonate system in the upper layer at the SEATS station. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1448-1468.	0.6	73
31	Seasonal variability of picoplankton in the Northern South China Sea at the SEATS station. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1602-1616.	0.6	79
32	The significance of phytoplankton photo-adaptation and benthicâ€“pelagic coupling to primary production in the South China Sea: Observations and numerical investigations. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1546-1574.	0.6	54
33	Carbon isotopic composition of suspended and sinking particulate organic matter in the northern South China Seaâ€”From production to deposition. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1504-1527.	0.6	62
34	Nutrient dynamics and N-anomaly at the SEATS station. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1528-1545.	0.6	94
35	The SouthEast Asian Time-series Study (SEATS) and the biogeochemistry of the South China Seaâ€”An overview. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1434-1447.	0.6	173
36	The SouthEast Asian Time-series Study (SEATS). Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1433.	0.6	0

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37	Waterâ€soluble species in the marine aerosol from the northern South China Sea: High chloride depletion related to air pollution. Journal of Geophysical Research, 2007, 112, .	3.3	77
38	Importance of planktonic community respiration on the carbon balance of the East China Sea in summer. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	1.9	43
39	Estimated net community production during the summertime at the SEATS time-series study site, northern South China Sea: Implications for nitrogen fixation. Geophysical Research Letters, 2006, 33, .	1.5	34
40	Biogeochemical Cycling of Methylmercury in Lakes and Tundra Watersheds of Arctic Alaska. Environmental Science & Technology, 2006, 40, 1204-1211.	4.6	123
41	Modern and Historic Atmospheric Mercury Fluxes in Northern Alaska:â€‰ Global Sources and Arctic Depletion. Environmental Science & Technology, 2005, 39, 557-568.	4.6	199
42	A unique seasonal pattern in phytoplankton biomass in low-latitude waters in the South China Sea. Geophysical Research Letters, 2005, 32, .	1.5	151
43	Seasonal Variability of Carbon Chemistry at the SEATS Site, Northern South China Sea Between 2002 and 2003. Terrestrial, Atmospheric and Oceanic Sciences, 2005, 16, 445.	0.3	45
44	Determination of Methylmercury in Environmental Matrixes by On-Line Flow Injection and Atomic Fluorescence Spectrometry. Analytical Chemistry, 2004, 76, 7131-7136.	3.2	68
45	Cycling of dissolved elemental mercury in Arctic Alaskan lakes. Geochimica Et Cosmochimica Acta, 2004, 68, 1173-1184.	1.6	71
46	Determination of the Mercury Complexation Characteristics of Dissolved Organic Matter in Natural Waters with â€œReducible Hgâ€•Titrations. Environmental Science & Technology, 2003, 37, 3316-3322.	4.6	128
47	Dissolved Elemental Mercury Investigations in Long Island Sound Using On-Line Au Amalgamation-Flow Injection Analysis. Environmental Science & Technology, 2003, 37, 1183-1188.	4.6	24
48	Speciation of Mercury in a Fluid Mud Profile of a Highly Turbid Macrotidal Estuary (Gironde, France). Environmental Science & Technology, 2001, 35, 2627-2633.	4.6	60
49	Adsorption of aqueous inorganic mercury and methylmercury on suspended kaolin: influence of sodium chloride, fulvic acid and particle content. Applied Organometallic Chemistry, 2001, 15, 490-498.	1.7	26
50	Field cryofocussing hydride generation applied to the simultaneous multi-elemental determination of alkyl-metal(loid) species in natural waters using ICP-MS detection. Journal of Environmental Monitoring, 2000, 2, 603-612.	2.1	45
51	Cryofocusing for on-line metal and metalloid speciation in the environment. Analytical Spectroscopy Library, 1999, 9, 375-406.	0.1	5
52	Rapid and Quantitative Microwave-assisted Recovery of Methylmercury From Standard Reference Sediments. Journal of Analytical Atomic Spectrometry, 1997, 12, 629-635.	1.6	94
53	Interferences generated by organic and inorganic compounds during organotin speciation using hydride generation coupled with cryogenic trapping, gas chromatographic separation and detection by atomic absorption spectrometry. Analytica Chimica Acta, 1994, 286, 343-355.	2.6	50
54	Optimization of Heating Programs of Gfaas for the Determination of Cd, C_u, N_i and P_b in Sediments Using Sequential Extraction Technique. International Journal of Environmental Analytical Chemistry, 1993, 50, 193-205.	1.8	16

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55	ELEVATED PHYTOPLANKTON BIOMASS IN MARGINAL SEAS IN THE LOW LATITUDE OCEAN: A CASE STUDY OF THE SOUTH CHINA SEA. , 0, , 1-17.		1