Su-Cheng Pai

List of Publications by Year
in descending order

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34	1,543	567144 15	414303 32
papers	citations	h-index	g-index

34	34	34	1082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nutrient budgets for the South China Sea basin. Marine Chemistry, 2001, 75, 281-300.	0.9	181
2	Determination of dissolved oxygen in seawater by direct spectrophotometry of total iodine. Marine Chemistry, 1993, 41, 343-351.	0.9	172
3	pH and buffering capacity problems involved in the determination of ammonia in saline water using the indophenol blue spectrophotometric method. Analytica Chimica Acta, 2001, 434, 209-216.	2.6	159
4	Formation kinetics of the pink azo dye in the determination of nitrite in natural waters. Analytica Chimica Acta, 1990, 232, 345-349.	2.6	153
5	The Chemical Hydrography of the South china Sea West of Luzon and a Comparison with the West Philippine Sea. Terrestrial, Atmospheric and Oceanic Sciences, 1992, 3, 587.	0.3	139
6	Response of Kuroshio upwelling to the onset of the northeast monsoon in the sea north of Taiwan: Observations and a numerical simulation. Journal of Geophysical Research, 1992, 97, 12511-12526.	3.3	111
7	The Year-Round Upwelling at the Shelf Break Near the Northern Tip of Taiwan as Evidenced by Chemical Hydrography. Terrestrial, Atmospheric and Oceanic Sciences, 1992, 3, 243.	0.3	93
8	Pre-concentration efficiency of chelex-100 resin for heavy metals in seawater. Analytica Chimica Acta, 1988, 211, 257-270.	2.6	90
9	Prediction of nitrate concentration from two end member mixing in the southern East China Sea. Continental Shelf Research, 1995, 15, 827-842.	0.9	84
10	Variability of the chemical hydrography at the frontal region between the East China Sea and the Kuroshio north-east of Taiwan. Estuarine, Coastal and Shelf Science, 1991, 33, 105-120.	0.9	83
11	The South China Sea, a cul-de-sac of North Pacific Intermediate Water. Journal of Oceanography, 2005, 61, 509-527.	0.7	52
12	Cadmium and phosphorus cycling in the water column of the South China Sea: The roles of biotic and abiotic particles. Marine Chemistry, 2009, 115, 125-133.	0.9	40
13	A low contamination chelex-100 technique for shipboard pre-concentration of heavy metals in seawater. Marine Chemistry, 1990, 29, 295-306.	0.9	38
14	A Model to Predict Total Chlorine Residue in the Cooling Seawater of a Power Plant Using Iodine Colorimetric Method. International Journal of Molecular Sciences, 2008, 9, 542-553.	1.8	20
15	Vertical distribution of cadmium in marginal seas of the western Pacific Ocean. Marine Chemistry, 1994, 47, 81-91.	0.9	16
16	Comparative Geochemistry of 234Th, 210Pb, and 210Po: A Case Study in the Hung-Tsai Trough off Southwestern Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2009, 20, 411.	0.3	16
17	Determination of Nitrite, Phosphate, and Silicate by Valveless Continuous Analysis with a Bubble-Free Flow Cell and Spectrophotometric Detection. Analytical Letters, 2017, 50, 510-529.	1.0	13
18	Determination of Nitrate in Natural Waters by Vanadium Reduction and the Griess Assay: Reassessment and Optimization. ACS ES&T Water, 2021, 1, 1524-1532.	2.3	12

#	Article	IF	Citations
19	Parcel model for peak shapes in chromatography. Journal of Chromatography A, 2003, 988, 233-260.	1.8	11
20	Evaluation of the temporal effect to the peak tailing in flow injection analysis. Journal of Chromatography A, 2002, 950, 271-279.	1.8	9
21	Determination of Nano-Molar Levels of Nitrite in Natural Water by Spectrophotometry After Pre-Concentration Using Sep-Pak C18Cartridge. International Journal of Environmental Analytical Chemistry, 1996, 62, 175-189.	1.8	8
22	Dispersion-convolution model for simulating peaks in a flow injection system. Journal of Chromatography A, 2007, 1139, 109-120.	1.8	8
23	Nearshore scavenging phenomenon elucidated by 234th/238u disequilibrium in the coastal waters off Western Taiwan. Journal of Oceanography, 2009, 65, 137-150.	0.7	7
24	Temporally convoluted Gaussian equations for chromatographic peaks. Journal of Chromatography A, 2004, 1028, 89-103.	1.8	5
25	Temporal shifting: A hidden key to the skewed peak puzzle. Journal of Chromatography A, 2007, 1139, 104-108.	1.8	5
26	Preparation of a Heavy Metalâ€Removed Seawater. Journal of the Chinese Chemical Society, 1990, 37, 535-540.	0.8	4
27	Peak crossover in high-performance liquid chromatography elution monitored using whole-column detection. Journal of Chromatography A, 2008, 1201, 128-131.	1.8	4
28	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
29	Further clarifications on the parcel model. Journal of Chromatography A, 2003, 1018, 125-127.	1.8	3
30	Cooperative Study of Precision and Accuracy on the Determinations of Around-Ppb Levels of Copper and Lead in Environmental Waters. Journal of the Chinese Chemical Society, 1996, 43, 237-245.	0.8	1
31	Examination of the temporal effect in a flow injection analysis system using multi-channel absorbance detection. Journal of Chromatography A, 2009, 1216, 4618-4624.	1.8	1
32	Using major nutrient concentrations to derive vertical movement of water masses in the coastal region of eastern Taiwan. Journal of Oceanography, 2017, 73, 711-723.	0.7	1
33	Exchange of comments on â€œTemporal shifting: a hidden key to the skewed peak puzzleâ€• Journal of Chromatography A, 2007, 1148, 262-263.	1.8	0
34	Interpretation on Bandâ€Broadening in Chromatography with Spatial Peak Profiles Obtained Using Wholeâ€Column Detection. Journal of the Chinese Chemical Society, 2009, 56, 480-484.	0.8	0