

Su-Cheng Pai

List of Publications by Year in descending order

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34
papers

1,543
citations

567144

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414303

32
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34
all docs

34
docs citations

34
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Nitrate in Natural Waters by Vanadium Reduction and the Griess Assay: Reassessment and Optimization. <i>ACS ES&T Water</i> , 2021, 1, 1524-1532.	2.3	12
2	Determination of Nitrite, Phosphate, and Silicate by Valveless Continuous Analysis with a Bubble-Free Flow Cell and Spectrophotometric Detection. <i>Analytical Letters</i> , 2017, 50, 510-529.	1.0	13
3	Using major nutrient concentrations to derive vertical movement of water masses in the coastal region of eastern Taiwan. <i>Journal of Oceanography</i> , 2017, 73, 711-723.	0.7	1
4	Observation of internal tide-induced nutrient upwelling in Hungtsai Trough, a submarine canyon in the northern South China Sea. <i>Continental Shelf Research</i> , 2016, 120, 59-67.	0.9	4
5	Interpretation on Band-Broadening in Chromatography with Spatial Peak Profiles Obtained Using Whole-Column Detection. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 480-484.	0.8	0
6	Comparative Geochemistry of ²³⁴ Th, ²¹⁰ Pb, and ²¹⁰ Po: A Case Study in the Hung-Tsai Trough off Southwestern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2009, 20, 411.	0.3	16
7	Nearshore scavenging phenomenon elucidated by ²³⁴ th/ ²³⁸ u disequilibrium in the coastal waters off Western Taiwan. <i>Journal of Oceanography</i> , 2009, 65, 137-150.	0.7	7
8	Cadmium and phosphorus cycling in the water column of the South China Sea: The roles of biotic and abiotic particles. <i>Marine Chemistry</i> , 2009, 115, 125-133.	0.9	40
9	Examination of the temporal effect in a flow injection analysis system using multi-channel absorbance detection. <i>Journal of Chromatography A</i> , 2009, 1216, 4618-4624.	1.8	1
10	Peak crossover in high-performance liquid chromatography elution monitored using whole-column detection. <i>Journal of Chromatography A</i> , 2008, 1201, 128-131.	1.8	4
11	A Model to Predict Total Chlorine Residue in the Cooling Seawater of a Power Plant Using Iodine Colorimetric Method. <i>International Journal of Molecular Sciences</i> , 2008, 9, 542-553.	1.8	20
12	Dispersion-convolution model for simulating peaks in a flow injection system. <i>Journal of Chromatography A</i> , 2007, 1139, 109-120.	1.8	8
13	Temporal shifting: A hidden key to the skewed peak puzzle. <i>Journal of Chromatography A</i> , 2007, 1139, 104-108.	1.8	5
14	Exchange of comments on "Temporal shifting: a hidden key to the skewed peak puzzle". <i>Journal of Chromatography A</i> , 2007, 1148, 262-263.	1.8	0
15	The South China Sea, a cul-de-sac of North Pacific Intermediate Water. <i>Journal of Oceanography</i> , 2005, 61, 509-527.	0.7	52
16	Temporally convoluted Gaussian equations for chromatographic peaks. <i>Journal of Chromatography A</i> , 2004, 1028, 89-103.	1.8	5
17	Further clarifications on the parcel model. <i>Journal of Chromatography A</i> , 2003, 1018, 125-127.	1.8	3
18	Parcel model for peak shapes in chromatography. <i>Journal of Chromatography A</i> , 2003, 988, 233-260.	1.8	11

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19	Evaluation of the temporal effect to the peak tailing in flow injection analysis. <i>Journal of Chromatography A</i> , 2002, 950, 271-279.	1.8	9
20	Nutrient budgets for the South China Sea basin. <i>Marine Chemistry</i> , 2001, 75, 281-300.	0.9	181
21	pH and buffering capacity problems involved in the determination of ammonia in saline water using the indophenol blue spectrophotometric method. <i>Analytica Chimica Acta</i> , 2001, 434, 209-216.	2.6	159
22	Cooperative Study of Precision and Accuracy on the Determinations of Around-Ppb Levels of Copper and Lead in Environmental Waters. <i>Journal of the Chinese Chemical Society</i> , 1996, 43, 237-245.	0.8	1
23	Determination of Nano-Molar Levels of Nitrite in Natural Water by Spectrophotometry After Pre-Concentration Using Sep-Pak C18 Cartridge. <i>International Journal of Environmental Analytical Chemistry</i> , 1996, 62, 175-189.	1.8	8
24	Prediction of nitrate concentration from two end member mixing in the southern East China Sea. <i>Continental Shelf Research</i> , 1995, 15, 827-842.	0.9	84
25	Vertical distribution of cadmium in marginal seas of the western Pacific Ocean. <i>Marine Chemistry</i> , 1994, 47, 81-91.	0.9	16
26	Determination of dissolved oxygen in seawater by direct spectrophotometry of total iodine. <i>Marine Chemistry</i> , 1993, 41, 343-351.	0.9	172
27	Response of Kuroshio upwelling to the onset of the northeast monsoon in the sea north of Taiwan: Observations and a numerical simulation. <i>Journal of Geophysical Research</i> , 1992, 97, 12511-12526.	3.3	111
28	The Year-Round Upwelling at the Shelf Break Near the Northern Tip of Taiwan as Evidenced by Chemical Hydrography. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 1992, 3, 243.	0.3	93
29	The Chemical Hydrography of the South China Sea West of Luzon and a Comparison with the West Philippine Sea. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 1992, 3, 587.	0.3	139
30	Variability of the chemical hydrography at the frontal region between the East China Sea and the Kuroshio north-east of Taiwan. <i>Estuarine, Coastal and Shelf Science</i> , 1991, 33, 105-120.	0.9	83
31	Preparation of a Heavy Metal-Removed Seawater. <i>Journal of the Chinese Chemical Society</i> , 1990, 37, 535-540.	0.8	4
32	A low contamination chelex-100 technique for shipboard pre-concentration of heavy metals in seawater. <i>Marine Chemistry</i> , 1990, 29, 295-306.	0.9	38
33	Formation kinetics of the pink azo dye in the determination of nitrite in natural waters. <i>Analytica Chimica Acta</i> , 1990, 232, 345-349.	2.6	153
34	Pre-concentration efficiency of chelex-100 resin for heavy metals in seawater. <i>Analytica Chimica Acta</i> , 1988, 211, 257-270.	2.6	90