

Kunning Lin

List of Publications by Year in descending order

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papers

597
citations

623734

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24
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28
all docs

28
docs citations

28
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of ammonia nitrogen in natural waters: Recent advances and applications. Trends in Environmental Analytical Chemistry, 2019, 24, e00073.	10.3	63
2	Automated determination of nitrate plus nitrite in aqueous samples with flow injection analysis using vanadium (III) chloride as reductant. Talanta, 2016, 146, 744-748.	5.5	52
3	A modified method for on-line determination of trace ammonium in seawater with a long-path liquid waveguide capillary cell and spectrophotometric detection. Marine Chemistry, 2014, 162, 114-121.	2.3	49
4	Low-Cost Automatic Sensor for in Situ Colorimetric Detection of Phosphate and Nitrite in Agricultural Water. ACS Sensors, 2018, 3, 2541-2549.	7.8	45
5	Applications of flow techniques in seawater analysis: A review. Trends in Environmental Analytical Chemistry, 2016, 10, 1-10.	10.3	42
6	Simultaneous determination of total dissolved nitrogen and total dissolved phosphorus in natural waters with an on-line UV and thermal digestion. Talanta, 2018, 185, 419-426.	5.5	36
7	Optimization of a salinity-interference-free indophenol method for the determination of ammonium in natural waters using o-phenylphenol. Talanta, 2018, 179, 608-614.	5.5	31
8	Simultaneous underway analysis of nitrate and nitrite in estuarine and coastal waters using an automated integrated syringe-pump-based environmental-water analyzer. Analytica Chimica Acta, 2019, 1076, 100-109.	5.4	30
9	Automated determination of ammonium in natural waters with reverse flow injection analysis based on the indophenol blue method with o-phenylphenol. Microchemical Journal, 2018, 138, 519-525.	4.5	29
10	An automatic reserve flow injection method using vanadium (III) reduction for simultaneous determination of nitrite and nitrate in estuarine and coastal waters. Talanta, 2019, 195, 613-618.	5.5	27
11	Development of an Integrated Syringe-Pump-Based Environmental-Water Analyzer (iSEA) and Application of It for Fully Automated Real-Time Determination of Ammonium in Fresh Water. Analytical Chemistry, 2018, 90, 6431-6435.	6.5	26
12	High-frequency underway analysis of ammonium in coastal waters using an integrated syringe-pump-based environmental-water analyzer (iSEA). Talanta, 2019, 195, 638-646.	5.5	24
13	An automated spectrophotometric method for the direct determination of nitrite and nitrate in seawater: Nitrite removal with sulfamic acid before nitrate reduction using the vanadium reduction method. Microchemical Journal, 2020, 158, 105272.	4.5	19
14	Mercury isotope signatures of seawater discharged from a coal-fired power plant equipped with a seawater flue gas desulfurization system. Environmental Pollution, 2016, 214, 822-830.	7.5	16
15	Sequential determination of multi-nutrient elements in natural water samples with a reverse flow injection system. Talanta, 2017, 167, 166-171.	5.5	14
16	A catalytic spectrophotometric method for determination of nanomolar manganese in seawater using reverse flow injection analysis and a long path length liquid waveguide capillary cell. Talanta, 2018, 178, 577-582.	5.5	14
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.	1.8	13
18	In situ measurement of dissolved Fe(II) in sediment pore water with a novel sensor based on C18-ferrozine concentration and optical imaging detection. Analytical Methods, 2019, 11, 133-141.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Development of an online analyzer for determination of total phosphorus in industrial circulating cooling water with UV photooxidation digestion and spectrophotometric detection. <i>Talanta</i> , 2019, 201, 74-81.	5.5	9
20	Mercury isotope fractionation during transfer from post-desulfurized seawater to air. <i>Marine Pollution Bulletin</i> , 2016, 113, 81-86.	5.0	8
21	Automated spectrophotometric determination of carbonate ion concentration in seawater using a portable syringe pump based analyzer. <i>Marine Chemistry</i> , 2019, 209, 120-127.	2.3	8
22	Determination of Nitrate in Seawater with Valve-Free Continuous Flow Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 151-156.	1.7	7
23	In-field determination of trace dissolved manganese in estuarine and coastal waters with automatic on-line preconcentration and flame atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 2017, 963, 53-60.	5.4	6
24	Flow injection analysis method for determination of total dissolved nitrogen in natural waters using on-line ultraviolet digestion and vanadium chloride reduction. <i>Microchemical Journal</i> , 2021, 164, 105993.	4.5	5
25	Reverse flow injection method for field determination of nitrate in estuarine and coastal waters using a custom-made linear light path flow cell and the vanadium reduction method. <i>Microchemical Journal</i> , 2022, 172, 106901.	4.5	5
26	A novel ammonium-free seawater preparation method for determination of trace quantities of ammonium in seawater. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 51-56.	2.0	4
27	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
28	Spectrophotometric determination of nitrate in small volume of seawater samples using a simple resorcinol method. <i>Analytical and Bioanalytical Chemistry</i> , 0, , .	3.7	2