

Kunning Lin

List of Publications by Year in descending order

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papers

597
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623734

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477
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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. <i>Microchemical Journal</i> , 2020, 158, 105272.	4.5	19
4	Determination of ammonia nitrogen in natural waters: Recent advances and applications. <i>Trends in Environmental Analytical Chemistry</i> , 2019, 24, e00073.	10.3	63
5	<i>In situ</i> measurement of dissolved Fe(II) in sediment pore water with a novel sensor based on C18-ferrozine concentration and optical imaging detection. <i>Analytical Methods</i> , 2019, 11, 133-141.	2.7	9
6	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
7	Simultaneous underway analysis of nitrate and nitrite in estuarine and coastal waters using an automated integrated syringe-pump-based environmental-water analyzer. <i>Analytica Chimica Acta</i> , 2019, 1076, 100-109.	5.4	30
8	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
9	An automatic reserve flow injection method using vanadium (III) reduction for simultaneous determination of nitrite and nitrate in estuarine and coastal waters. <i>Talanta</i> , 2019, 195, 613-618.	5.5	27
10	Spectrophotometric flow injection determination of dissolved titanium in seawater exploiting in-line nitritotriacetic 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	High-frequency underway analysis of ammonium in coastal waters using an integrated syringe-pump-based environmental-water analyzer (iSEA). <i>Talanta</i> , 2019, 195, 638-646.	5.5	24
12	Automated determination of ammonium in natural waters with reverse flow injection analysis based on the indophenol blue method with o-phenylphenol. <i>Microchemical Journal</i> , 2018, 138, 519-525.	4.5	29
13	Optimization of a salinity-interference-free indophenol method for the determination of ammonium in natural waters using o-phenylphenol. <i>Talanta</i> , 2018, 179, 608-614.	5.5	31
14	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. <i>Analytical Chemistry</i> , 2018, 90, 6431-6435.	6.5	26
15	Simultaneous determination of total dissolved nitrogen and total dissolved phosphorus in natural waters with an on-line UV and thermal digestion. <i>Talanta</i> , 2018, 185, 419-426.	5.5	36
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. <i>Talanta</i> , 2018, 178, 577-582.	5.5	14
17	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
18	Low-Cost Automatic Sensor for in Situ Colorimetric Detection of Phosphate and Nitrite in Agricultural Water. <i>ACS Sensors</i> , 2018, 3, 2541-2549.	7.8	45

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19	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.	1.8	13
20	Sequential determination of multi-nutrient elements in natural water samples with a reverse flow injection system. <i>Talanta</i> , 2017, 167, 166-171.	5.5	14
21	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
22	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
23	Mercury isotope fractionation during transfer from post-desulfurized seawater to air. <i>Marine Pollution Bulletin</i> , 2016, 113, 81-86.	5.0	8
24	Mercury isotope signatures of seawater discharged from a coal-fired power plant equipped with a seawater flue gas desulfurization system. <i>Environmental Pollution</i> , 2016, 214, 822-830.	7.5	16
25	Applications of flow techniques in seawater analysis: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2016, 10, 1-10.	10.3	42
26	Automated determination of nitrate plus nitrite in aqueous samples with flow injection analysis using vanadium (III) chloride as reductant. <i>Talanta</i> , 2016, 146, 744-748.	5.5	52
27	A modified method for on-line determination of trace ammonium in seawater with a long-path liquid waveguide capillary cell and spectrophotometric detection. <i>Marine Chemistry</i> , 2014, 162, 114-121.	2.3	49
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