

Enea Pagliano

List of Publications by Year in descending order

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54
papers

808
citations

471061

17
h-index

580395

25
g-index

54
all docs

54
docs citations

54
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of measurement uncertainty by experimental design in high-order (double, triple, and) Tj ETQq1 1 0.784314 rgBT /Overlock Analytical and Bioanalytical Chemistry, 2013, 405, 2879-2887.	1.9	62
2	Rapid determination of nitrate in vegetables by gas chromatography mass spectrometry. Analytica Chimica Acta, 2017, 980, 33-40.	2.6	44
3	Derivatization chemistries for the determination of inorganic anions and structurally related compounds by gas chromatography - A review. Analytica Chimica Acta, 2018, 1025, 12-40.	2.6	43
4	Novel Ethyl-Derivatization Approach for the Determination of Fluoride by Headspace Gas Chromatography/Mass Spectrometry. Analytical Chemistry, 2013, 85, 877-881.	3.2	39
5	Vapor Generation of Inorganic Anionic Species After Aqueous phase Alkylation with Trialkyloxonium Tetrafluoroborates. Analytical Chemistry, 2009, 81, 6399-6406.	3.2	36
6	High-precision quadruple isotope dilution method for simultaneous determination of nitrite and nitrate in seawater by GCMS after derivatization with triethyloxonium tetrafluoroborate. Analytica Chimica Acta, 2014, 824, 36-41.	2.6	36
7	Negative Chemical Ionization GC/MS Determination of Nitrite and Nitrate in Seawater Using Exact Matching Double Spike Isotope Dilution and Derivatization with Triethyloxonium Tetrafluoroborate. Analytical Chemistry, 2012, 84, 2592-2596.	3.2	33
8	Calibration graphs in isotope dilution mass spectrometry. Analytica Chimica Acta, 2015, 896, 63-67.	2.6	32
9	Determination of thiocyanate in saliva by headspace gas chromatography-mass spectrometry, following a single-step aqueous derivatization with triethyloxonium tetrafluoroborate. Journal of Chromatography A, 2015, 1400, 124-130.	1.8	30
10	Solution to the isotope dilution challenge. Analytical and Bioanalytical Chemistry, 2015, 407, 1-3.	1.9	29
11	Quantification of nitrite and nitrate in seawater by triethyloxonium tetrafluoroborate derivatizationâ€”Headspace SPME GCâ€”MS. Talanta, 2011, 85, 2511-2516.	2.9	25
12	Coordinate Swapping in Standard Addition Graphs for Analytical Chemistry: A Simplified Path for Uncertainty Calculation in Linear and Nonlinear Plots. Analytical Chemistry, 2014, 86, 8563-8567.	3.2	24
13	On-line UV photochemical generation of volatile copper species and its analytical application. Microchemical Journal, 2016, 124, 344-349.	2.3	24
14	Direct Determination of Dissolved Phosphate and Silicate in Seawater by Ion Exclusion Chromatography Sector Field Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2014, 86, 3222-3226.	3.2	23
15	Sub-ppt determination of butyltins, methylmercury and inorganic mercury in natural waters by dynamic headspace in-tube extraction and GC-ICPMS detection. Journal of Analytical Atomic Spectrometry, 2017, 32, 2447-2454.	1.6	21
16	Inter-laboratory study for the certification of trace elements in seawater certified reference materials NASS-7 and CASS-6. Analytical and Bioanalytical Chemistry, 2018, 410, 4469-4479.	1.9	20
17	Evaluation of approaches to the abatement of nitrate interference with photochemical vapor generation. Journal of Analytical Atomic Spectrometry, 2017, 32, 2378-2390.	1.6	17
18	Evidence for photochemical synthesis of fluoromethane. Journal of Analytical Atomic Spectrometry, 2020, 35, 1720-1726.	1.6	17

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19	Condensation cascades and methylgroup transfer reactions during the formation of arsane, methyl- and dimethylarsane by aqueous borohydride and (methyl) arsenates. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 921-933.	1.9	15
20	Determination of cyanocobalamin by isotope dilution LC-MS/MS. <i>Analytica Chimica Acta</i> , 2017, 990, 103-109.	2.6	15
21	Versatile derivatization for GC-MS and LC-MS: alkylation with trialkyloxonium tetrafluoroborates for inorganic anions, chemical warfare agent degradation products, organic acids, and proteomic analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1963-1971.	1.9	15
22	Reducing the matrix effects in chemical analysis: fusion of isotope dilution and standard addition methods. <i>Metrologia</i> , 2016, 53, 829-834.	0.6	14
23	Determination of total cyanide in soil by isotope dilution GC/MS following pentafluorobenzyl derivatization. <i>Analytica Chimica Acta</i> , 2017, 961, 74-81.	2.6	14
24	Application of direct analysis in real time to a multiphase chemical system: Identification of polymeric arsanes generated by reduction of monomethylarsenate with sodium tetrahydroborate. <i>International Journal of Mass Spectrometry</i> , 2014, 371, 42-46.	0.7	13
25	Mechanism of hydrogen transfer in arsane generation by aqueous tetrahydridoborate: Interference effects of AuIII and other noble metals. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 740-747.	1.5	12
26	A tool to evaluate nonlinearity in calibration curves involving isotopic internal standards in mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2021, 464, 116557.	0.7	11
27	Certification of nitrate in spinach powder reference material SPIN-1 by high-precision isotope dilution GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3435-3445.	1.9	10
28	A reference isotope dilution headspace GC/MS method for the determination of nitrite and nitrate in meat samples. <i>International Journal of Food Science and Technology</i> , 2020, 55, 1110-1118.	1.3	10
29	Determination of selenocyanate, selenate, and selenite in mining wastewater by GC-MS using sequential derivatization and extraction. <i>Science of the Total Environment</i> , 2020, 745, 140877.	3.9	10
30	GC-MS exploration of photochemically generated species of Os, W and Ru from reductive and oxidative media. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 528-534.	1.6	10
31	The Binomial Distribution of Hydrogen and Deuterium in Arsanes, Diarsanes, and Triarsanes Generated from As(BH_4) D_4 and the Effect of Trace Amounts of Rh Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 2178-2186.	1.2	9
32	Determination of thiocyanate in exhaled breath condensate. <i>Free Radical Biology and Medicine</i> , 2018, 126, 334-340.	1.3	9
33	Selective Gas Chromatography Mass Spectrometry Method for Ultratrace Detection of Selenocyanate. <i>Analytical Chemistry</i> , 2019, 91, 12162-12166.	3.2	9
34	A rapid and sensitive method for the determination of inorganic chloride in oil samples. <i>Analytica Chimica Acta</i> , 2019, 1064, 40-46.	2.6	9
35	Headspace In-Tube Microextraction and GC-ICP-MS Determination of Mercury Species in Petroleum Hydrocarbons. <i>Energy & Fuels</i> , 2018, 32, 10493-10501.	2.5	8
36	Blank Correction in Isotope Dilution. <i>Analytical Chemistry</i> , 2015, 87, 10724-10727.	3.2	7

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37	Determination of total dissolved nitrogen in seawater by isotope dilution gas chromatography mass spectrometry following digestion with persulfate and derivatization with aqueous triethyloxonium. <i>Journal of Chromatography A</i> , 2018, 1569, 193-199.	1.8	7
38	Application of direct analysis in real time to the study of chemical vapor generation mechanisms: identification of intermediate hydrolysis products of amine-boranes. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1569-1578.	1.9	7
39	Determination of elevated levels of nitrate in vegetable powders by high-precision isotope dilution GC-MS. <i>Food Chemistry</i> , 2019, 286, 710-714.	4.2	7
40	Application of direct analysis in real time to study chemical vapor generation mechanisms: reduction of dimethylarsinic(V) acid with aqueous NaBH ₄ under non-analytical conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7603-7613.	1.9	7
41	Determination of chloride in crude oil using isotope dilution GC-MS: A comparative study. <i>Fuel</i> , 2021, 285, 119167.	3.4	7
42	Conversion of Inorganic Chlorides into Organochlorine Compounds during Crude Oil Distillation: Myth or Reality?. <i>Energy & Fuels</i> , 2021, 35, 894-897.	2.5	5
43	Application of regression methods to solve general isotope dilution measurement equations. <i>Metrologia</i> , 2020, 57, 025016.	0.6	4
44	CCQM-K122 "Anionic impurities and lead in salt solutions". <i>Metrologia</i> , 2020, 57, 08012-08012.	0.6	2
45	From sea salt to seawater: a novel approach for the production of water CRMs. <i>Analytical and Bioanalytical Chemistry</i> , 2022, , 1.	1.9	2
46	Activity Coefficients of Electrolytes from Liquid Membrane Cells. XII. Magnesium, Lanthanum, and Tris(ethylenediamine)cobalt(III) Salts of the 1,5-Naphthalenedisulfonate Anion at 298.15 K. <i>Journal of Solution Chemistry</i> , 2008, 37, 1393-1409.	0.6	1
47	Isotope dilution challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5249-5250.	1.9	1
48	Phenylbutazone purity challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3051-3053.	1.9	1
49	Lead quantitation challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1675-1676.	1.9	1
50	Bisphenol A measurement challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4105-4107.	1.9	1
51	Solution to phenylbutazone purity challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5957-5958.	1.9	0
52	Solution to lead quantitation challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6533-6534.	1.9	0
53	Solution to bisphenol A measurement challenge. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 743-745.	1.9	0
54	Chemical vapor generation by aqueous phase alkylation. , 2022, , 129-152.		0