

Alberto Pasamontes Funez

List of Publications by Year in descending order

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31
papers

593
citations

516561

16
h-index

610775

24
g-index

31
all docs

31
docs citations

31
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct analysis of Volumetric Absorptive Micro Sampling (VAMS) devices by ATR-FT-MIR and chemometric analysis: A new challenge. <i>Microchemical Journal</i> , 2021, 171, 106873.	2.3	0
2	SPME-based mobile field device for active sampling of volatiles. <i>Microchemical Journal</i> , 2019, 146, 407-413.	2.3	14
3	A rabbit model for assessment of volatile metabolite changes observed from skin: a pressure ulcer case study. <i>Journal of Breath Research</i> , 2017, 11, 016007.	1.5	6
4	Noninvasive Respiratory Metabolite Analysis Associated with Clinical Disease in Cetaceans: A Deepwater Horizon Oil Spill Study. <i>Environmental Science & Technology</i> , 2017, 51, 5737-5746.	4.6	19
5	Human breath metabolomics using an optimized non-invasive exhaled breath condensate sampler. <i>Journal of Breath Research</i> , 2017, 11, 016001.	1.5	21
6	Exhaled breath condensate methods adapted from human studies using longitudinal metabolomics for predicting early health alterations in dolphins. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6523-6536.	1.9	9
7	Analytical methodologies for broad metabolite coverage of exhaled breath condensate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 17-25.	1.2	27
8	Enhanced non-invasive respiratory sampling from bottlenose dolphins for breath metabolomics measurements. <i>Journal of Breath Research</i> , 2016, 10, 046005.	1.5	11
9	Supervised semi-automated data analysis software for gas chromatography / differential mobility spectrometry (GC/DMS) metabolomics applications. <i>International Journal for Ion Mobility Spectrometry</i> , 2016, 19, 155-166.	1.4	11
10	Identification of fungal metabolites from inside <i>Gallus gallus domesticus</i> eggshells by non-invasively detecting volatile organic compounds (VOCs). <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6649-6658.	1.9	7
11	Coupling a branch enclosure with differential mobility spectrometry to isolate and measure plant volatiles in contained greenhouse settings. <i>Talanta</i> , 2016, 146, 148-154.	2.9	17
12	Citrus tristeza virus infection in sweet orange trees and a mandarin \times tangor cross alters low molecular weight metabolites assessed using gas chromatography mass spectrometry (GC/MS). <i>Metabolomics</i> , 2016, 12, 1.	1.4	11
13	Proposal of a <i>Citrus</i> translational genomic approach for early and infield detection of Flavescence dorée in <i>Vitis</i> . <i>Plant Biosystems</i> , 2016, 150, 43-53.	0.8	15
14	Volatile organic compound (VOC) profiling of citrus tristeza virus infection in sweet orange citrus varieties using thermal desorption gas chromatography time of flight mass spectrometry (TD-GC/TOF-MS). <i>Metabolomics</i> , 2015, 11, 1514-1525.	1.4	25
15	Analysis of Volatile Compounds in Exhaled Breath Condensate in Patients with Severe Pulmonary Arterial Hypertension. <i>PLoS ONE</i> , 2014, 9, e95331.	1.1	35
16	Metabolite Content Profiling of Bottlenose Dolphin Exhaled Breath. <i>Analytical Chemistry</i> , 2014, 86, 10616-10624.	3.2	36
17	Detection of Huanglongbing Disease Using Differential Mobility Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 2481-2488.	3.2	98
18	Volatile Organic Compounds (VOCs) for Noninvasive Plant Diagnostics. <i>ACS Symposium Series</i> , 2013, , 73-95.	0.5	8

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19	Biomarkers of Idiopathic Pulmonary Arterial Hypertension (iPAH): Volatile Constituents of Expired Breath Condensates (EBC) as Markers of Disease Severity Using Gas Chromatography/Mass Spectroscopy (GC/MS). <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, S62.	0.3	0
20	Design criteria for portable point-of-care breath analysis systems. , 2013, , .		2
21	A mobile instrumentation platform to distinguish airway disorders. <i>Journal of Breath Research</i> , 2013, 7, 017113.	1.5	17
22	Diabetes and the Metabolic Syndrome: Possibilities of a New Breath Test in a Dolphin Model. <i>Frontiers in Endocrinology</i> , 2013, 4, 163.	1.5	15
23	Gaining and losing the thermophilic adaptation in prokaryotes. <i>Trends in Genetics</i> , 2008, 24, 10-14.	2.9	33
24	Optimization by means of responses surface of an analytical sequence using a sequential injection system. <i>Talanta</i> , 2006, 68, 1617-1622.	2.9	7
25	Sequential Injection Analysis for the Simultaneous Determination of Clavulanic Acid and Amoxicillin in Pharmaceuticals Using Second-order Calibration. <i>Analytical Sciences</i> , 2006, 22, 131-135.	0.8	14
26	Fractional factorial design and simplex algorithm for optimizing sequential injection analysis (SIA) and second order calibration. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 83, 127-132.	1.8	17
27	Factorial design for optimising chromium determination in tanning wastewater. <i>Microchemical Journal</i> , 2006, 83, 98-104.	2.3	16
28	Sequential injection analysis linked to multivariate curve resolution with alternating least squares. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 77-85.	5.8	18
29	Use of a multi-way method to analyze the amino acid composition of a conserved group of orthologous proteins in prokaryotes. <i>BMC Bioinformatics</i> , 2006, 7, 257.	1.2	26
30	Determination of amoxicillin in pharmaceuticals using sequential injection analysis and multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2004, 515, 159-165.	2.6	36
31	Determination of amoxicillin in pharmaceuticals using sequential injection analysis (SIA). <i>Analytica Chimica Acta</i> , 2003, 485, 195-204.	2.6	22