

Alberto Pasamontes Funez

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

593
citations

516710

16
h-index

610901

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. | 4.5 | 0 |
| 2 | SPME-based mobile field device for active sampling of volatiles. <i>Microchemical Journal</i> , 2019, 146, 407-413. | 4.5 | 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. | 3.0 | 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. | 10.0 | 19 |
| 5 | Human breath metabolomics using an optimized non-invasive exhaled breath condensate sampler. <i>Journal of Breath Research</i> , 2017, 11, 016001. | 3.0 | 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. | 3.7 | 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. | 2.3 | 27 |
| 8 | Enhanced non-invasive respiratory sampling from bottlenose dolphins for breath metabolomics measurements. <i>Journal of Breath Research</i> , 2016, 10, 046005. | 3.0 | 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. | 3.7 | 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. | 5.5 | 17 |
| 12 | Citrus tristeza virus infection in sweet orange trees and a mandarin Ã— tangor cross alters low molecular weight metabolites assessed using gas chromatography mass spectrometry (GC/MS). <i>Metabolomics</i> , 2016, 12, 1. | 3.0 | 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. | 1.6 | 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. | 3.0 | 25 |
| 15 | Analysis of Volatile Compounds in Exhaled Breath Condensate in Patients with Severe Pulmonary Arterial Hypertension. <i>PLoS ONE</i> , 2014, 9, e95331. | 2.5 | 35 |
| 16 | Metabolite Content Profiling of Bottlenose Dolphin Exhaled Breath. <i>Analytical Chemistry</i> , 2014, 86, 10616-10624. | 6.5 | 36 |
| 17 | Detection of Huanglongbing Disease Using Differential Mobility Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 2481-2488. | 6.5 | 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). Journal of Heart and Lung Transplantation, 2013, 32, S62. | 0.6 | 0 |
| 20 | Design criteria for portable point-of-care breath analysis systems. , 2013, , . | | 2 |
| 21 | A mobile instrumentation platform to distinguish airway disorders. Journal of Breath Research, 2013, 7, 017113. | 3.0 | 17 |
| 22 | Diabetes and the Metabolic Syndrome: Possibilities of a New Breath Test in a Dolphin Model. Frontiers in Endocrinology, 2013, 4, 163. | 3.5 | 15 |
| 23 | Gaining and losing the thermophilic adaptation in prokaryotes. Trends in Genetics, 2008, 24, 10-14. | 6.7 | 33 |
| 24 | Optimization by means of responses surface of an analytical sequence using a sequential injection system. Talanta, 2006, 68, 1617-1622. | 5.5 | 7 |
| 25 | Sequential Injection Analysis for the Simultaneous Determination of Clavulanic Acid and Amoxicillin in Pharmaceuticals Using Second-order Calibration. Analytical Sciences, 2006, 22, 131-135. | 1.6 | 14 |
| 26 | Fractional factorial design and simplex algorithm for optimizing sequential injection analysis (SIA) and second order calibration. Chemometrics and Intelligent Laboratory Systems, 2006, 83, 127-132. | 3.5 | 17 |
| 27 | Factorial design for optimising chromium determination in tanning wastewater. Microchemical Journal, 2006, 83, 98-104. | 4.5 | 16 |
| 28 | Sequential injection analysis linked to multivariate curve resolution with alternating least squares. TrAC - Trends in Analytical Chemistry, 2006, 25, 77-85. | 11.4 | 18 |
| 29 | Use of a multi-way method to analyze the amino acid composition of a conserved group of orthologous proteins in prokaryotes. BMC Bioinformatics, 2006, 7, 257. | 2.6 | 26 |
| 30 | Determination of amoxicillin in pharmaceuticals using sequential injection analysis and multivariate curve resolution. Analytica Chimica Acta, 2004, 515, 159-165. | 5.4 | 36 |
| 31 | Determination of amoxicillin in pharmaceuticals using sequential injection analysis (SIA). Analytica Chimica Acta, 2003, 485, 195-204. | 5.4 | 22 |