

Jorge A M Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,884
citations

279798

23
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

2385
citing authors

#	ARTICLE	IF	CITATIONS
1	QuEChERS - Fundamentals, relevant improvements, applications and future trends. <i>Analytica Chimica Acta</i> , 2019, 1070, 1-28.	5.4	299
2	Breath Analysis as a Potential and Non-Invasive Frontier in Disease Diagnosis: An Overview. <i>Metabolites</i> , 2015, 5, 3-55.	2.9	223
3	Current trends and recent advances on food authenticity technologies and chemometric approaches. <i>Trends in Food Science and Technology</i> , 2019, 85, 163-176.	15.1	145
4	Food fingerprints – A valuable tool to monitor food authenticity and safety. <i>Food Chemistry</i> , 2019, 278, 144-162.	8.2	125
5	Yeast activator proteins and stress response: an overview. <i>FEBS Letters</i> , 2004, 567, 80-85.	2.8	98
6	Food Bioactive Compounds and Emerging Techniques for Their Extraction: Polyphenols as a Case Study. <i>Foods</i> , 2021, 10, 37.	4.3	94
7	Microextraction by Packed Sorbent (MEPS) and Solid-Phase Microextraction (SPME) as Sample Preparation Procedures for the Metabolomic Profiling of Urine. <i>Metabolites</i> , 2014, 4, 71-97.	2.9	70
8	Green Extraction Techniques as Advanced Sample Preparation Approaches in Biological, Food, and Environmental Matrices: A Review. <i>Molecules</i> , 2022, 27, 2953.	3.8	55
9	A fast method using a new hydrophilic-lipophilic balanced sorbent in combination with ultra-high performance liquid chromatography for quantification of significant bioactive metabolites in wines. <i>Talanta</i> , 2011, 86, 82-90.	5.5	52
10	Screening of salivary volatiles for putative breast cancer discrimination: an exploratory study involving geographically distant populations. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4459-4468.	3.7	46
11	Beer volatile fingerprinting at different brewing steps. <i>Food Chemistry</i> , 2020, 326, 126856.	8.2	43
12	Exploring the potential of needle trap microextraction combined with chromatographic and statistical data to discriminate different types of cancer based on urinary volatome biosignature. <i>Analytica Chimica Acta</i> , 2018, 1023, 53-63.	5.4	42
13	Current trends on microextraction by packed sorbent – fundamentals, application fields, innovative improvements and future applications. <i>Analyst</i> , The, 2019, 144, 5048-5074.	3.5	39
14	Microextraction by packed sorbent: an emerging, selective and high-throughput extraction technique in bioanalysis. <i>Biomedical Chromatography</i> , 2014, 28, 839-847.	1.7	38
15	Re-exploring the high-throughput potential of microextraction techniques, SPME and MEPS, as powerful strategies for medical diagnostic purposes. Innovative approaches, recent applications and future trends. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2101-2122.	3.7	38
16	Effectiveness of different solid-phase microextraction fibres for differentiation of selected Madeira island fruits based on their volatile metabolite profile – Identification of novel compounds. <i>Talanta</i> , 2011, 83, 899-906.	5.5	37
17	Dynamic headspace solid-phase microextraction combined with one-dimensional gas chromatography-mass spectrometry as a powerful tool to differentiate banana cultivars based on their volatile metabolite profile. <i>Food Chemistry</i> , 2012, 134, 2509-2520.	8.2	35
18	Expression of YAP4 in <i>Saccharomyces cerevisiae</i> under osmotic stress. <i>Biochemical Journal</i> , 2004, 379, 367-374.	3.7	31

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19	YAP4 gene expression is induced in response to several forms of stress in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2004, 21, 1365-1374.	1.7	28
20	Exploring the potential of NTME/GC-MS, in the establishment of urinary volatome profiles. Lung cancer patients as case study. <i>Scientific Reports</i> , 2018, 8, 13113.	3.3	27
21	A fast and innovative microextraction technique, μ SPEed, followed by ultrahigh performance liquid chromatography for the analysis of phenolic compounds in teas. <i>Journal of Chromatography A</i> , 2015, 1424, 1-9.	3.7	26
22	Evaluation of volatile metabolites as markers in <i>Lycopersicon esculentum</i> L. cultivars discrimination by multivariate analysis of headspace solid phase microextraction and mass spectrometry data. <i>Food Chemistry</i> , 2014, 145, 653-663.	8.2	24
23	Investigation of urinary volatome alterations in head and neck cancer: a non-invasive approach towards diagnosis and prognosis. <i>Metabolomics</i> , 2017, 13, 1.	3.0	24
24	A non-invasive approach to explore the discriminatory potential of the urinary volatome of invasive ductal carcinoma of the breast. <i>RSC Advances</i> , 2018, 8, 25040-25050.	3.6	24
25	Volatilomic insight of head and neck cancer via the effects observed on saliva metabolites. <i>Scientific Reports</i> , 2018, 8, 17725.	3.3	22
26	A new and fast methodology to assess oxidative damage in cardiovascular diseases risk development through eVol-MEPS μ HPLC analysis of four urinary biomarkers. <i>Talanta</i> , 2013, 116, 164-172.	5.5	18
27	Unravelling the Potential of Salivary Volatile Metabolites in Oral Diseases. A Review. <i>Molecules</i> , 2020, 25, 3098.	3.8	17
28	Unveiling the Bioactive Potential of Fresh Fruit and Vegetable Waste in Human Health from a Consumer Perspective. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2747.	2.5	17
29	A Micro-Extraction Technique Using a New Digitally Controlled Syringe Combined with UHPLC for Assessment of Urinary Biomarkers of Oxidatively Damaged DNA. <i>PLoS ONE</i> , 2013, 8, e58366.	2.5	15
30	The Potential of Microextraction Techniques for the Analysis of Bioactive Compounds in Food. <i>Frontiers in Nutrition</i> , 2022, 9, 825519.	3.7	12
31	Green extraction approach based on μ SPEed [®] followed by HPLC-MS/MS for the determination of atropine and scopolamine in tea and herbal tea infusions. <i>Food Chemistry</i> , 2022, 394, 133512.	8.2	12
32	Ultrasound-assisted liquid-liquid extraction followed by ultrahigh pressure liquid chromatography for the quantification of major carotenoids in tomato. <i>Journal of Food Composition and Analysis</i> , 2017, 57, 87-93.	3.9	11
33	Yap4 PKA and GSK3 dependent phosphorylation affects its stability but not its nuclear localization. <i>Yeast</i> , 2009, 26, 641-653.	1.7	10
34	Microextraction using packed sorbent as an effective and high-throughput sample extraction technique: Recent applications and future trends.. <i>Sample Preparation</i> , 2013, 1, .	0.4	10
35	A fast and environment-friendly MEPS PEP /UHPLC-PDA methodology to assess 3-hydroxy-4,5-dimethyl-2(5H)-furanone in fortified wines. <i>Food Chemistry</i> , 2017, 214, 686-693.	8.2	10
36	Quantification of α -, β - and γ -Tocopherol in Tomatoes Using an Improved Liquid-Dispersive Solid-Phase Extraction Combined with Ultrahigh Pressure Liquid Chromatography. <i>Food Analytical Methods</i> , 2017, 10, 2507-2517.	2.6	8

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37	Tangerines Cultivated on Madeira Islandâ€™A High Throughput Natural Source of Bioactive Compounds. <i>Foods</i> , 2020, 9, 1470.	4.3	8
38	A comprehensive methodology based on NTME/GC-MS data and chemometric tools for lemons discrimination according to geographical origin. <i>Microchemical Journal</i> , 2020, 157, 104933.	4.5	8
39	Fingerprinting the volatile profile of traditional tobacco and e-cigarettes: A comparative study. <i>Microchemical Journal</i> , 2021, 166, 106196.	4.5	7
40	Overview of Different Modes and Applications of Liquid Phase-Based Microextraction Techniques. <i>Processes</i> , 2022, 10, 1347.	2.8	7
41	Profiling the occurrence of biogenic amines in different types of tuna samples using an improved analytical approach. <i>LWT - Food Science and Technology</i> , 2021, 139, 110804.	5.2	6
42	Free low-molecular weight phenolics composition and bioactivity of <i>Vaccinium padifolium</i> Sm fruits. <i>Food Research International</i> , 2021, 148, 110580.	6.2	5
43	Wines: Madeira, Port and Sherry Fortified Wines â€™The Sui Generis and Notable Peculiarities. Major Differences and Chemical Patterns. , 2016, , 534-555.		4
44	The salivary volatome in breast cancer. , 2020, , 301-307.		4
45	Extracellular volatilomic alterations induced by hypoxia in breast cancer cells. <i>Metabolomics</i> , 2020, 16, 21.	3.0	4
46	Evaluation of the Health-Promoting Properties of Selected Fruits. <i>Molecules</i> , 2021, 26, 4202.	3.8	3
47	Urinary Volatonic Expression Pattern: Paving the Way for Identification of Potential Candidate Biosignatures for Lung Cancer. <i>Metabolites</i> , 2022, 12, 36.	2.9	3
48	Urinary volatonic profile of traditional tobacco smokers and electronic cigarettes users as a strategy to unveil potential healthy issues. <i>Journal of Separation Science</i> , 2021, , .	2.5	0