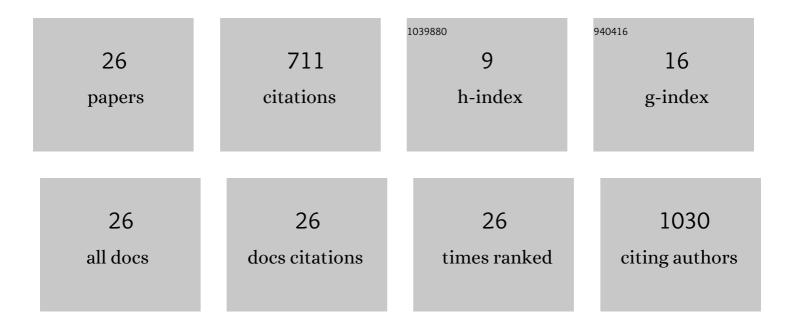
Raquel Cumeras

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9413841/publications.pdf Version: 2024-02-01



PAQUEL CUMERAS

#	Article	IF	CITATIONS
1	Review on Ion Mobility Spectrometry. Part 1: current instrumentation. Analyst, The, 2015, 140, 1376-1390.	1.7	359
2	Review on Ion Mobility Spectrometry. Part 2: hyphenated methods and effects of experimental parameters. Analyst, The, 2015, 140, 1391-1410.	1.7	140
3	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. Current Medicinal Chemistry, 2016, 23, 2112-2131.	1.2	87
4	Comprehensive Volatilome and Metabolome Signatures of Colorectal Cancer in Urine: A Systematic Review and Meta-Analysis. Cancers, 2021, 13, 2534.	1.7	19
5	Chemical Analysis of Whale Breath Volatiles: A Case Study for Non-Invasive Field Health Diagnostics of Marine Mammals. Metabolites, 2014, 4, 790-806.	1.3	18
6	Coupling a branch enclosure with differential mobility spectrometry to isolate and measure plant volatiles in contained greenhouse settings. Talanta, 2016, 146, 148-154.	2.9	17
7	Finite-element analysis of a miniaturized ion mobility spectrometer for security applications. Sensors and Actuators B: Chemical, 2012, 170, 13-20.	4.0	14
8	Stability and alignment of MCC/IMS devices. International Journal for Ion Mobility Spectrometry, 2012, 15, 41-46.	1.4	11
9	Amanida: an R package for meta-analysis of metabolomics non-integral data. Bioinformatics, 2022, 38, 583-585.	1.8	11
10	Volatilome Metabolomics and Databases, Recent Advances and Needs. Current Metabolomics, 2017, 5, .	0.5	8
11	Identification of fungal metabolites from inside Gallus gallus domesticus eggshells by non-invasively detecting volatile organic compounds (VOCs). Analytical and Bioanalytical Chemistry, 2016, 408, 6649-6658.	1.9	7
12	A rabbit model for assessment of volatile metabolite changes observed from skin: a pressure ulcer case study. Journal of Breath Research, 2017, 11, 016007.	1.5	6
13	Modelling a P-FAIMS with multiphysics FEM. Journal of Mathematical Chemistry, 2012, 50, 359-373.	0.7	3
14	Localized heating to tungsten oxide nanostructures deposition on gas microsensor arrays via aerosol assisted CVD. , 2013, , .		3
15	Modeling vapor detection in a micro ion mobility spectrometer for security applications. Procedia Engineering, 2010, 5, 1236-1239.	1.2	2
16	Influence of operational background emissions on breath analysis using MCC/IMS devices. International Journal for Ion Mobility Spectrometry, 2012, 15, 69-78.	1.4	2
17	What is a good control group?. International Journal for Ion Mobility Spectrometry, 2013, 16, 191-198.	1.4	2
18	COMSOL Simulation of acetone ions in Planar Ion Mobility Spectrometer. , 2009, , .		1

RAQUEL CUMERAS

#	Article	IF	CITATIONS
19	Planar Micro Ion Mobility Spectrometer modelling for explosives detection. , 2011, , .		1
20	Preconcentrator-based sensor Ã,µ-system for low-level benzene detection. Proceedings of SPIE, 2008, , .	0.8	0
21	Simulation of a planar micro Ion Mobility Spectrometer for security applications. , 2010, , .		О
22	Sensors and Micro and Nano Technologies for the Food Sector. , 2013, , .		0
23	Editorial: Metabolomics of VOCs. Current Metabolomics, 2017, 5, .	0.5	О
24	Basics Of Gas Chromatography Mass Spectrometry System. , 2018, , 31-50.		0
25	The Volatilome in Metabolomics. , 2018, , 3-29.		Ο
26	Breath analysis in marine mammals. , 2020, , 461-472.		0