

# Raquel Cumeras

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9413841/publications.pdf>

Version: 2024-02-01

26  
papers

711  
citations

1039880

9  
h-index

940416

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amanida: an R package for meta-analysis of metabolomics non-integral data. <i>Bioinformatics</i> , 2022, 38, 583-585.	1.8	11
2	Comprehensive Volatilome and Metabolome Signatures of Colorectal Cancer in Urine: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021, 13, 2534.	1.7	19
3	Breath analysis in marine mammals. , 2020, , 461-472.		0
4	Basics Of Gas Chromatography Mass Spectrometry System. , 2018, , 31-50.		0
5	The Volatilome in Metabolomics. , 2018, , 3-29.		0
6	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
7	Editorial: Metabolomics of VOCs. <i>Current Metabolomics</i> , 2017, 5, .	0.5	0
8	Volatilome Metabolomics and Databases, Recent Advances and Needs. <i>Current Metabolomics</i> , 2017, 5, .	0.5	8
9	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. <i>Current Medicinal Chemistry</i> , 2016, 23, 2112-2131.	1.2	87
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	Review on Ion Mobility Spectrometry. Part 1: current instrumentation. <i>Analyst</i> , The, 2015, 140, 1376-1390.	1.7	359
13	Review on Ion Mobility Spectrometry. Part 2: hyphenated methods and effects of experimental parameters. <i>Analyst</i> , The, 2015, 140, 1391-1410.	1.7	140
14	Chemical Analysis of Whale Breath Volatiles: A Case Study for Non-Invasive Field Health Diagnostics of Marine Mammals. <i>Metabolites</i> , 2014, 4, 790-806.	1.3	18
15	Sensors and Micro and Nano Technologies for the Food Sector. , 2013, , .		0
16	What is a good control group?. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 191-198.	1.4	2
17	Localized heating to tungsten oxide nanostructures deposition on gas microsensor arrays via aerosol assisted CVD. , 2013, , .		3
18	Finite-element analysis of a miniaturized ion mobility spectrometer for security applications. <i>Sensors and Actuators B: Chemical</i> , 2012, 170, 13-20.	4.0	14

#	ARTICLE	IF	CITATIONS
19	Stability and alignment of MCC/IMS devices. International Journal for Ion Mobility Spectrometry, 2012, 15, 41-46.	1.4	11
20	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
21	Modelling a P-FAIMS with multiphysics FEM. Journal of Mathematical Chemistry, 2012, 50, 359-373.	0.7	3
22	Planar Micro Ion Mobility Spectrometer modelling for explosives detection. , 2011, , .		1
23	Modeling vapor detection in a micro ion mobility spectrometer for security applications. Procedia Engineering, 2010, 5, 1236-1239.	1.2	2
24	Simulation of a planar micro Ion Mobility Spectrometer for security applications. , 2010, , .		0
25	COMSOL Simulation of acetone ions in Planar Ion Mobility Spectrometer. , 2009, , .		1
26	Preconcentrator-based sensor $\tilde{A}, \hat{\mu}$ -system for low-level benzene detection. Proceedings of SPIE, 2008, , .	0.8	0