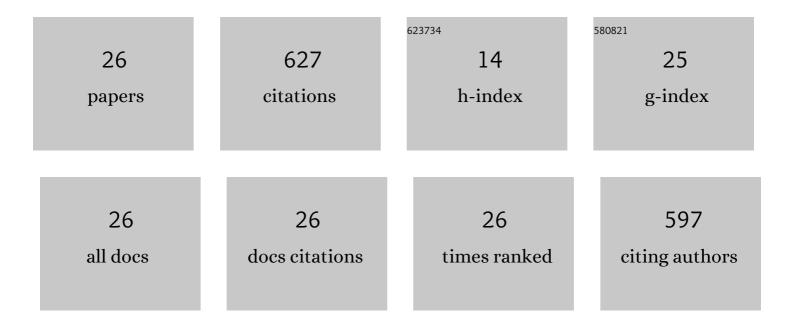
Victor Bocos-Bintintan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chemical standards for ion mobility spectrometry: a review. International Journal for Ion Mobility Spectrometry, 2009, 12, 1-14.	1.4	84
2	Volatile Organic Compounds in Exhaled Breath as Fingerprints of Lung Cancer, Asthma and COPD. Journal of Clinical Medicine, 2021, 10, 32.	2.4	79
3	Detection of Volatile Organic Compounds in Breath Using Thermal Desorption Electrospray Ionization-Ion Mobility-Mass Spectrometry. Analytical Chemistry, 2010, 82, 2139-2144.	6.5	53
4	The trapped human experiment. Journal of Breath Research, 2011, 5, 046006.	3.0	52
5	Discrimination of bacteria by rapid sensing their metabolic volatiles using an aspiration-type ion mobility spectrometer (a-IMS) and gas chromatography-mass spectrometry GC-MS. Analytica Chimica Acta, 2017, 982, 209-217.	5.4	41
6	Mass spectrometric techniques for the analysis of volatile organic compounds emitted from bacteria. Bioanalysis, 2017, 9, 1069-1092.	1.5	38
7	The response of a membrane inlet ion mobility spectrometer to chlorine and the effect of water contamination of the drying media on ion mobility spectrometric responses to chlorine. Analyst, The, 2001, 126, 1539-1544.	3.5	31
8	The effect of growth medium on an Escherichia coli pathway mirrored into GC/MS profiles. Journal of Breath Research, 2017, 11, 036012.	3.0	31
9	An Optimistic Vision of Future: Diagnosis of Bacterial Infections by Sensing Their Associated Volatile Organic Compounds. Critical Reviews in Analytical Chemistry, 2020, 50, 501-512.	3.5	27
10	GC-MS application in determination of volatile profiles emitted by infected and uninfected human tissue. Journal of Breath Research, 2019, 13, 026003.	3.0	19
11	Discrimination of Chemical Profiles of Some Bacterial Species by Analyzing Culture Headspace Air Samples Using TD-GC/MS. Current Analytical Chemistry, 2014, 10, 488-497.	1.2	16
12	FAST CHARACTERIZATION OF PYRIDINE USING ION MOBILITY SPECTROMETRY AND PHOTOIONIZATION DETECTION. Environmental Engineering and Management Journal, 2013, 12, 251-256.	0.6	16
13	Characterisation of the phosgene response of a membrane inlet 63Ni ion mobility spectrometer. Analyst, The, 2002, 127, 1211-1217.	3.5	15
14	Control of dopants/modifiers in differential mobility spectrometry using a piezoelectric injector. Analyst, The, 2012, 137, 1458.	3.5	15
15	The Necessity of Reconsidering the Concept of Non-formal Education. Procedia, Social and Behavioral Sciences, 2015, 209, 337-343.	0.5	15
16	Sensing Precursors of Illegal Drugs—Rapid Detection of Acetic Anhydride Vapors at Trace Levels Using Photoionization Detection and Ion Mobility Spectrometry. Molecules, 2020, 25, 1852.	3.8	15
17	Attitude Towards Teaching Profession. Procedia, Social and Behavioral Sciences, 2014, 142, 628-632.	0.5	14
18	Sensors' array of aspiration ion mobility spectrometer as a tool for bacteria discrimination. Talanta, 2020, 206, 120233.	5.5	13

#	Article	lF	CITATIONS
19	Temporal influence of different antibiotics onto the inhibition of Escherichia coli bacterium grown in different media. Analytical Biochemistry, 2019, 585, 113407.	2.4	11
20	Rapid determination of alcohols in human saliva by gas chromatography differential mobility spectrometry following selective membrane extraction. International Journal for Ion Mobility Spectrometry, 2010, 13, 55-63.	1.4	8
21	Hunting for Toxic Industrial Chemicals: Real-Time Detection of Carbon Disulfide Traces by Means of Ion Mobility Spectrometry. Toxics, 2020, 8, 121.	3.7	8
22	Fast Sensing of Hydrogen Cyanide (HCN) Vapors Using a Hand-Held Ion Mobility Spectrometer with Nonradioactive Ionization Source. Sensors, 2021, 21, 5045.	3.8	8
23	Real time monitoring of soil contamination with diesel fuel using photoionization detectors. Arab Journal of Basic and Applied Sciences, 2019, 26, 446-452.	2.1	7
24	Optimisation of piezoelectric injection of dopants and drift gas modifiers in transverse ion mobility spectrometry. International Journal for Ion Mobility Spectrometry, 2010, 13, 149-155.	1.4	6
25	"Features of infected versus uninfected chemical profiles released from human exudates ". Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 207-216.	0.2	4
26	Ion mobility analyzer – quadrupole mass spectrometer system design. Journal of Physics: Conference Series, 2009, 182, 012022.	0.4	1