

Vera Ruzsanyi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,824
citations

471509

17
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

2157
citing authors

#	ARTICLE	IF	CITATIONS
1	High Kinetic Energy Ion Mobility Spectrometry $\hat{\text{e}}^{\text{+}}$ Mass Spectrometry investigations of four inhalation anaesthetics: isoflurane, enflurane, sevoflurane and desflurane. <i>International Journal of Mass Spectrometry</i> , 2022, 475, 116831.	1.5	11
2	A portable sensor system for the detection of human volatile compounds against transnational crime. <i>Sensors and Actuators B: Chemical</i> , 2021, 328, 129036.	7.8	8
3	Monitoring the volatile language of fungi using gas chromatography-ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3055-3067.	3.7	10
4	Studies pertaining to the monitoring of volatile halogenated anaesthetics in breath by proton transfer reaction mass spectrometry. <i>Journal of Breath Research</i> , 2020, 14, 026004.	3.0	10
5	The Lipoxygenase Lox1 Is Involved in Light $\hat{\text{e}}$ and Injury-Response, Conidiation, and Volatile Organic Compound Biosynthesis in the Mycoparasitic Fungus <i>Trichoderma atroviride</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 2004.	3.5	26
6	Comment on $\hat{\text{e}}$ volatile biomarker in breath predicts lung cancer and pulmonary nodules $\hat{\text{e}}$ TM . <i>Journal of Breath Research</i> , 2020, 14, 028001.	3.0	1
7	The <i>Trichoderma atroviride</i> Strains P1 and IMI 206040 Differ in Their Light-Response and VOC Production. <i>Molecules</i> , 2020, 25, 208.	3.8	19
8	Urban search and rescue. , 2020, , 509-521.		0
9	Ion mobility spectrometry. , 2020, , 171-183.		1
10	Wheat Protein Hydrolysate Fortified With $\hat{\text{e}}$ Arginine Enhances Satiation Induced by the Capsaicinoid Nonivamide in Moderately Overweight Male Subjects. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900133.	3.3	7
11	Proton transfer reaction time-of-flight mass spectrometric measurements of volatile compounds contained in peppermint oil capsules of relevance to real-time pharmacokinetic breath studies. <i>Journal of Breath Research</i> , 2019, 13, 046009.	3.0	34
12	Investigation of the evaporation behavior of aroma compounds in e-cigarettes. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3029-3035.	3.7	5
13	Monitoring of selected skin- and breath-borne volatile organic compounds emitted from the human body using gas chromatography ion mobility spectrometry (GC-IMS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 29-34.	2.3	67
14	Instrumental sensing of trace volatiles $\hat{\text{e}}$ ”a new promising tool for detecting the presence of entrapped or hidden people. <i>Journal of Breath Research</i> , 2018, 12, 027107.	3.0	7
15	Breath profiles of children on ketogenic therapy. <i>Journal of Breath Research</i> , 2018, 12, 036021.	3.0	17
16	Messung von Fluranen in der Ausatemluft von medizinischem Personal im Operationssaal. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie: AINS</i> , 2018, 53, .	0.3	0
17	Breath acetone as a potential marker in clinical practice. <i>Journal of Breath Research</i> , 2017, 11, 024002.	3.0	114
18	Prediction of blood:air and fat:air partition coefficients of volatile organic compounds for the interpretation of data in breath gas analysis. <i>Journal of Breath Research</i> , 2016, 10, 017103.	3.0	15

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19	Diagnosing lactose malabsorption in children: difficulties in interpreting hydrogen breath test results. <i>Journal of Breath Research</i> , 2016, 10, 016015.	3.0	12
20	Modeling of breath methane concentration profiles during exercise on an ergometer. <i>Journal of Breath Research</i> , 2016, 10, 017105.	3.0	12
21	Hybrid Volatolomics and Disease Detection. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11036-11048.	13.8	220
22	Oxidative stress and volatile organic compounds: interplay in pulmonary, cardio-vascular, digestive tract systems and cancer. <i>Open Chemistry</i> , 2015, 13, .	1.9	38
23	Exhaled methane concentration profiles during exercise on an ergometer. <i>Journal of Breath Research</i> , 2015, 9, 016009.	3.0	32
24	Precursors for cytochrome P450 profiling breath tests from an in silico screening approach. <i>Journal of Breath Research</i> , 2014, 8, 046001.	3.0	1
25	Non- 13 CO 2 targeted breath tests: a feasibility study. <i>Journal of Breath Research</i> , 2014, 8, 046005.	3.0	11
26	Assessment, origin, and implementation of breath volatile cancer markers. <i>Chemical Society Reviews</i> , 2014, 43, 1423-1449.	38.1	504
27	Assessment of the exhalation kinetics of volatile cancer biomarkers based on their physicochemical properties. <i>Journal of Breath Research</i> , 2014, 8, 016003.	3.0	82
28	Multi-capillary-column proton-transfer-reaction time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1316, 112-118.	3.7	45
29	Ion mobility spectrometry for pharmacokinetic studies—exemplary application. <i>Journal of Breath Research</i> , 2013, 7, 046008.	3.0	21
30	Dependence of exhaled breath composition on exogenous factors, smoking habits and exposure to air pollutants. <i>Journal of Breath Research</i> , 2012, 6, 036008.	3.0	147
31	Ion mobility spectrometry for detection of skin volatiles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 84-92.	2.3	75
32	Evaluation of a new miniaturized ion mobility spectrometer and its coupling to fast gas chromatography multicapillary columns. <i>Journal of Chromatography A</i> , 2008, 1214, 143-150.	3.7	16
33	Detection of sulfur-free odorants in natural gas using ion mobility spectrometry. <i>Journal of Environmental Monitoring</i> , 2007, 9, 61-65.	2.1	19
34	BACTERIAL DIFFERENTIATION BY ION MOBILITY SPECTROMETRY: FIRST RESULTS OF A PILOT STUDY. <i>Chest</i> , 2005, 128, 375S.	0.8	1
35	ION MOBILITY SPECTROMETRY: A NEW METHOD FOR THE DETECTION OF LUNG CANCER AND AIRWAY INFECTION IN EXHALED AIR? FIRST RESULTS OF A PILOT STUDY. <i>Chest</i> , 2005, 128, 155S.	0.8	24
36	Detection of human metabolites using multi-capillary columns coupled to ion mobility spectrometers. <i>Journal of Chromatography A</i> , 2005, 1084, 145-151.	3.7	180

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37	METABOLITES IN HUMAN BREATH: ION MOBILITY SPECTROMETERS AS DIAGNOSTIC TOOLS FOR LUNG DISEASES. , 2005, , .		18
38	Early Detection of Lung Cancer: Metabolic Profiling of Human Breath with Ion Mobility Spectrometers. , 0, , 1343-1358.		6