JarosÅ‚aw Puton

List of Publications by Year
in descending order

24	584	840585 11	677027 22
papers	citations	h-index	g-index

24	24	24	525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Negative-mode ion mobility spectrometryâ€"comparison of ionâ€"molecule reactions and electron capture processes. Analytical and Bioanalytical Chemistry, 2022, 414, 3719-3728.	1.9	3
2	Studies on the Processes of Electron Capture and Clustering of Benzyl Chloride by Ion Mobility Spectrometry. Molecules, 2021, 26, 4562.	1.7	2
3	Possible strategy to use differential mobility spectrometry in real time applications. International Journal for Ion Mobility Spectrometry, 2020, 23, 1-8.	1.4	10
4	Analysis of e-liquids for electronic cigarettes using GC-IMS/MS with headspace sampling. Talanta, 2020, 209, 120594.	2.9	30
5	Application of Ion Mobility Spectrometry for Permeability Studies of Organic Substances through Polymeric Materials. Molecules, 2020, 25, 2983.	1.7	2
6	Ion mobility spectrometers and electron capture detector â€" A comparison of detection capabilities. Talanta, 2019, 194, 259-265.	2.9	4
7	Differential mobility spectrometers with tuneable separation voltage â€" Theoretical models and experimental findings. TrAC - Trends in Analytical Chemistry, 2018, 105, 413-423.	5.8	9
8	Nitrogen oxides as dopants for the detection of aromatic compounds with ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 3223-3231.	1.9	23
9	Dopants and gas modifiers in ion mobility spectrometry. TrAC - Trends in Analytical Chemistry, 2016, 82, 237-249.	5.8	58
10	Ion mobility spectrometry: Current status and application for chemical warfare agents detection. TrAC - Trends in Analytical Chemistry, 2016, 85, 10-20.	5.8	108
11	Conservation of dimer peak intensity in ion mobility spectrometers with ketone-doped carrier gas. International Journal of Mass Spectrometry, 2014, 373, 43-49.	0.7	11
12	Quantitative Response of IMS Detector for Mixtures Containing Two Active Components. Analytical Chemistry, 2012, 84, 9131-9138.	3.2	23
13	Transport of ions through tubes in a stream of flowing gas. International Journal for Ion Mobility Spectrometry, 2012, 15, 239-246.	1.4	2
14	Evaporation of ionic liquids at atmospheric pressure: Study by ion mobility spectrometry. Talanta, 2011, 83, 907-915.	2.9	8
15	The effect of humidity on sensitivity of amine detection in ion mobility spectrometry. Talanta, 2011, 84, 116-121.	2.9	52
16	Fast detection of methyl tert-butyl ether from water using solid phase microextraction and ion mobility spectrometry. Talanta, 2011, 84, 738-744.	2.9	22
17	Efficiency of hydroxyl radical formation and phenol decomposition using UV light emitting diodes and H2O2. Environmental Technology (United Kingdom), 2011, 32, 865-872.	1.2	34
18	Processing of the Signal from Detectors Used in Ion Mobility Spectrometry. Analytical Sciences, 2010, 26, 983-988.	0.8	4

#	Article	IF	Citations
19	Generation of current pulses in collector electrode of IMS detectors. International Journal of Mass Spectrometry, 2010, 298, 55-63.	0.7	2
20	A study of the performance of an ion shutter for drift tubes in atmospheric pressure ion mobility spectrometry: Computer models and experimental findings. Review of Scientific Instruments, 2009, 80, 103103.	0.6	23
21	Modelling of penetration of ions through a shutter grid in ion mobility spectrometers. Sensors and Actuators B: Chemical, 2008, 135, 116-121.	4.0	43
22	Ion mobility spectrometers with doped gases. Talanta, 2008, 76, 978-987.	2.9	105
23	Platinum-black coatings for infrared emitters. , 2003, 5124, 92.		4
24	Module for measurement of CO 2 concentration in exhaled air. , 2003, 5124, 278.		2