

Jarosław Puton

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

584
citations

840776

11
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative-mode ion mobility spectrometryâ€”comparison of ionâ€”molecule reactions and electron capture processes. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3719-3728.	3.7	3
2	Studies on the Processes of Electron Capture and Clustering of Benzyl Chloride by Ion Mobility Spectrometry. <i>Molecules</i> , 2021, 26, 4562.	3.8	2
3	Possible strategy to use differential mobility spectrometry in real time applications. <i>International Journal for Ion Mobility Spectrometry</i> , 2020, 23, 1-8.	1.4	10
4	Analysis of e-liquids for electronic cigarettes using GC-IMS/MS with headspace sampling. <i>Talanta</i> , 2020, 209, 120594.	5.5	30
5	Application of Ion Mobility Spectrometry for Permeability Studies of Organic Substances through Polymeric Materials. <i>Molecules</i> , 2020, 25, 2983.	3.8	2
6	Ion mobility spectrometers and electron capture detector â€” A comparison of detection capabilities. <i>Talanta</i> , 2019, 194, 259-265.	5.5	4
7	Differential mobility spectrometers with tuneable separation voltage â€” Theoretical models and experimental findings. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 413-423.	11.4	9
8	Nitrogen oxides as dopants for the detection of aromatic compounds with ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3223-3231.	3.7	23
9	Dopants and gas modifiers in ion mobility spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 237-249.	11.4	58
10	Ion mobility spectrometry: Current status and application for chemical warfare agents detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 10-20.	11.4	108
11	Conservation of dimer peak intensity in ion mobility spectrometers with ketone-doped carrier gas. <i>International Journal of Mass Spectrometry</i> , 2014, 373, 43-49.	1.5	11
12	Quantitative Response of IMS Detector for Mixtures Containing Two Active Components. <i>Analytical Chemistry</i> , 2012, 84, 9131-9138.	6.5	23
13	Transport of ions through tubes in a stream of flowing gas. <i>International Journal for Ion Mobility Spectrometry</i> , 2012, 15, 239-246.	1.4	2
14	Evaporation of ionic liquids at atmospheric pressure: Study by ion mobility spectrometry. <i>Talanta</i> , 2011, 83, 907-915.	5.5	8
15	The effect of humidity on sensitivity of amine detection in ion mobility spectrometry. <i>Talanta</i> , 2011, 84, 116-121.	5.5	52
16	Fast detection of methyl tert-butyl ether from water using solid phase microextraction and ion mobility spectrometry. <i>Talanta</i> , 2011, 84, 738-744.	5.5	22
17	Efficiency of hydroxyl radical formation and phenol decomposition using UV light emitting diodes and H ₂ O ₂ . <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 865-872.	2.2	34
18	Processing of the Signal from Detectors Used in Ion Mobility Spectrometry. <i>Analytical Sciences</i> , 2010, 26, 983-988.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Generation of current pulses in collector electrode of IMS detectors. <i>International Journal of Mass Spectrometry</i> , 2010, 298, 55-63.	1.5	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. <i>Review of Scientific Instruments</i> , 2009, 80, 103103.	1.3	23
21	Modelling of penetration of ions through a shutter grid in ion mobility spectrometers. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 116-121.	7.8	43
22	Ion mobility spectrometers with doped gases. <i>Talanta</i> , 2008, 76, 978-987.	5.5	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