

Bartosz Michalczuk

List of Publications by Year in descending order

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13
papers

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1683934

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1474057

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Study of Atmospheric Pressure Chemical Ionization Mechanism in Corona Discharge Ion Source with and without NH_3 Dopant by Ion Mobility Spectrometry combined with Mass Spectrometry: A Theoretical and Experimental Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 313-322.	1.1	31
2	Effect of Basicity and Structure on the Hydration of Protonated Molecules, Proton-Bound Dimer and Cluster Formation: An Ion Mobility-Time of Flight Mass Spectrometry and Theoretical Study. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1242-1253.	1.2	12
3	Atmospheric Pressure Chemical Ionisation study of selected Volatile Organic Compounds (VOCs) by Ion Mobility Spectrometry coupled with orthogonal acceleration Time Of Flight Mass Spectrometry. <i>International Journal of Mass Spectrometry</i> , 2020, 449, 116275.	0.7	10
4	Interactions of multiple reactant ions with 2,4,6-trinitrotoluene studied by corona discharge ion mobility-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2015, 380, 12-20.	0.7	8
5	Isomer and conformer selective atmospheric pressure chemical ionisation of dimethyl phthalate. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13679-13685.	1.3	8
6	Fast quantification of whisky lactone in oak wood by ion mobility spectrometer. <i>Talanta</i> , 2020, 209, 120567.	2.9	5
7	Online detection and measurement of elemental mercury vapor by ion mobility spectrometry with chloroform dopant. <i>Journal of Chromatography A</i> , 2020, 1634, 461676.	1.8	4
8	Ion chemistry of phthalates in selected ion flow tube mass spectrometry: isomeric effects and secondary reactions with water vapour. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16345-16352.	1.3	3
9	Monitoring of nonthermal plasma degradation of phthalates by ion mobility spectrometry. <i>Plasma Processes and Polymers</i> , 2021, 18, 2100032.	1.6	3
10	Low-energy electron interactions with chlorotrimethylsilane ($\text{Si}(\text{CH}_3)_3\text{Cl}$), dichlorodimethylsilane ($\text{Si}(\text{CH}_3)_2\text{Cl}_2$) and chloromethyldimethylsilane ($\text{SiH}(\text{CH}_3)_2(\text{CH}_2\text{Cl})$). <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9114.	0.7	1
11	Study of atmospheric pressure chemical ionization of phthalates in air by ion mobility spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9145.	0.7	1
12	Low Energy Electron Attachment by Some Chlorosilanes. <i>Molecules</i> , 2021, 26, 4973.	1.7	0
13	Analysis of positional isomers of 2-3-4-alkoxyphenylcarbamic acid derivatives by a combination of TLC and IMS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1184, 122970.	1.2	0