

Brian C Hauck

List of Publications by Year in descending order

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13
papers

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1039880

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times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate and on-demand chemical sensors: A print-in-place ion mobility spectrometer. <i>Sensors and Actuators B: Chemical</i> , 2022, 362, 131791.	4.0	4
2	Random forest and long short-term memory based machine learning models for classification of ion mobility spectrometry spectra. , 2021, , .		1
3	Isoflurane as an Accurate Negative Mode Calibrant for Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 16142-16148.	3.2	4
4	Reproducible 3D-printed unibody drift tubes for ion mobility spectrometry. <i>Sensors and Actuators B: Chemical</i> , 2020, 323, 128671.	4.0	12
5	Accurate Evaluation of Potential Calibration Standards for Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 6158-6165.	3.2	12
6	From the warehouse to the field: new applications of existing chemical warfare agent detectors without hardware modification. , 2019, , .		2
7	High Accuracy Ion Mobility Spectrometry for Instrument Calibration. <i>Analytical Chemistry</i> , 2018, 90, 4578-4584.	3.2	21
8	Current status and need for standards in ion mobility spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2018, 21, 105-123.	1.4	10
9	Determination of E/N Influence on K_0 Values within the Low Field Region of Ion Mobility Spectrometry. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2274-2281.	1.1	23
10	Construction and evaluation of a hermetically sealed accurate ion mobility instrument. <i>International Journal for Ion Mobility Spectrometry</i> , 2017, 20, 57-66.	1.4	19
11	E/N effects on K_0 values revealed by high precision measurements under low field conditions. <i>Review of Scientific Instruments</i> , 2016, 87, 075104.	0.6	24
12	Determining the water content of a drift gas using reduced ion mobility measurements. <i>International Journal of Mass Spectrometry</i> , 2014, 368, 37-44.	0.7	16
13	An Assessment of Computational Methods for Obtaining Structural Information of Moderately Flexible Biomolecules from Ion Mobility Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 792-805.	1.2	29