

Top 10

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Publication Title	Authors	Journal	Year	Link* <small>Journal subscriptions may be required for full access</small>
Differential Mobility Spectrometry/Mass Spectrometry History, Theory, Design Optimizations, and Applications	Schneider, BB; Nazarov EG; Londry F; Vouros, P; and Covey, TR	Mass Spectrometry Reviews Volume 35	2015	Read It Here
Differential Mobility Spectrometer: Model of Operation	Krylov, EV; Nazarov, EG; and Miller, RA	Intl Journal of Mass Spectrometry Volume 266	2007	Read It Here
Peak Capacity in Differential Ion Mobility Spectrometry: Effects of Transport Gas and Gas Modifiers	Schneider, BB; Nazarov, EG; and Covey, TR	Intl Journal for Ion Mobility Spectrometry Volume 15	2012	Read It Here
Planar Differential Mobility Spectrometer as a Pre-Filter for Atmospheric Pressure Ionization Mass Spectrometry	Schneider, BB; Covey, TR; Coy, SL; Krylov, EV; Nazarov, EG	Intl Journal of Mass Spectrometry Volume 298	2010	Read It Here
Chemical Effects in the Separation Process of a Differential Mobility/Mass Spectrometer System	Schneider, BB; Covey, TR; Coy, SL; Krylov, EV; Nazarov, EG	Analytical Chemistry Volume 82	2010	Read It Here
DMS-MS Separations with Different Transport Gas Modifiers	Schneider, BB; Covey, TR; Nazarov, EG	Intl Journal for Ion Mobility Spectrometry Volume 16	2013	Read It Here
Maximizing Ion Transmission in Differential Mobility Spectrometry	Schneider, BB; Londry, F; Nazarov, EG; Kang, Y; and Covey, TR	Journal of the American Society of Mass Spectrometry Volume 28	2017	Read It Here
Real-time 2D Separation by LC x Differential Ion Mobility Hyphenated to Mass Spectrometry	Varesio, E; LeBlanc, JCY; and Hopfgartner, G	Analytical and Bioanalytical Chemistry Volume 402	2012	Read It Here
Assessing Physicochemical Properties of Drug Molecules via Microsolvation Measurements with Differential Mobility Spectrometry	Liu, C; Le Blanc, JCY; Campbell, JL; et al.	ACS Central Science Volume 3	2017	Read It Here
Ion Molecule Clustering in Differential Ion Mobility Spectrometry: Lessons Learned from Tetraalkylammonium Cations and Their Isomers	Campbell, JL; Zhu, M; and Hopkins, WS	Journal of the American Society of Mass Spectrometry Volume 25	2014	Read It Here

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