

# Ion and cluster ion spectroscopy and structure

Elsevier - Compositions and structures of niobium oxide cluster ions,  $\text{Nb}_m\text{O}_n^\pm$ , ( $m = 2$ )

## Conclusions

- Photodissociation spectra of  $\text{H}^+(\text{CH}_3\text{OH})_n$  ( $n = 5-8$ ) were measured in the mid-IR range of 900-2300  $\text{cm}^{-1}$ .
- Spectral signature of the Zundel-type structure emerges between 1200 and 1600  $\text{cm}^{-1}$ .
- Zundel-based isomers are dominantly produced.
- Eigen-based isomers coexist with the Zundel-based ones in the large size clusters ( $n \geq 6$ ).

## Description: -

-  
Mines and mineral resources -- British Columbia.  
British Columbia. -- Dept. of Mines.  
British Columbia. -- Dept. of Mines and Petroleum Resources.  
Peru -- History -- Conquest, 1522-1548 -- Fiction.  
Factory and trade waste -- Congresses.  
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Ionic structure.  
Ions -- Spectra. Ion and cluster ion spectroscopy and structure  
- Ion and cluster ion spectroscopy and structure  
Notes: Includes bibliographical references and index.  
This edition was published in 1989



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## Ion

Yves Le Blanc, Bradley B. Differential Mobility Spectrometry for Inorganic Filtration in Nuclear Forensics. The Journal of Physical Chemistry A 2018, 122 41 , 8213-8221.

## Compositions and structures of niobium oxide cluster ions, $\text{Nb}_m\text{O}_n^\pm$ , ( $m = 2$ )

Kung, Christian Ieritano, Evan Shepherdson, Mitch Verbuyst, Luke Melo, Moaraj Hasan, Dalia Naser, John S. If this happens then please refresh your web browser or try waiting two to three minutes before trying again.

## Structure determination of gaseous metal and semi

Dual Emitter Nano-Electrospray Ionization Coupled to Differential Ion Mobility Spectrometry-Mass Spectrometry for Shotgun Lipidomics. Walker, Alison Mark, Brent Verbuyst, Bogdan Bogdanov, J.

## Structure determination of gaseous metal and semi

Analytical Chemistry 2016, 88 23 , 11399-11405.

## Compositions and structures of niobium oxide cluster ions, $\text{Nb}_m\text{O}_n^\pm$ , ( $m = 2$ )

Journal of the American Society for Mass Spectrometry 2017, 28 7 , 1374-1381. Journal of the American Society for Mass Spectrometry 2019, 30 11 , 2222-2227. Journal of the American Society for Mass Spectrometry 2016, 27 7 , 1277-1284.

## Compositions and structures of niobium oxide cluster ions, $\text{Nb}_m\text{O}_n^\pm$ , ( $m = 2$ )

Journal of the American Society for Mass Spectrometry 2019, 30 12 , 2711-2725.

## Ion

Journal of the American Society for Mass Spectrometry 2018, 29 4 , 752-760. Journal of the American Society for Mass Spectrometry 2020, 31 2 , 405-410. Reference managers such as Mendeley are also tracked but do not contribute to the score.

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