

Accepted Manuscript

Simultaneous Acquisition of Differential Electrochemical Mass Spectrometry and Infrared Spectroscopy Data for In Situ Characterization of Gas Evolution Reactions in Lithium-Ion Batteries

Balázs B. Berkes, Anna Jozwiuk, Heino Sommer, Torsten Brezesinski, Jürgen Janek

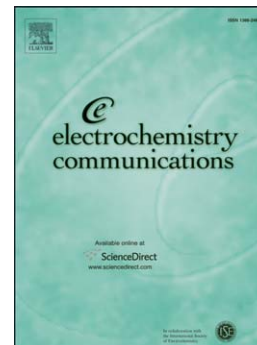
PII: S1388-2481(15)00212-X
DOI: doi: [10.1016/j.elecom.2015.08.002](https://doi.org/10.1016/j.elecom.2015.08.002)
Reference: ELECOM 5507

To appear in: *Electrochemistry Communications*

Received date: 30 June 2015
Revised date: 30 July 2015
Accepted date: 3 August 2015

Please cite this article as: Balázs B. Berkes, Anna Jozwiuk, Heino Sommer, Torsten Brezesinski, Jürgen Janek, Simultaneous Acquisition of Differential Electrochemical Mass Spectrometry and Infrared Spectroscopy Data for In Situ Characterization of Gas Evolution Reactions in Lithium-Ion Batteries, *Electrochemistry Communications* (2015), doi: [10.1016/j.elecom.2015.08.002](https://doi.org/10.1016/j.elecom.2015.08.002)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Simultaneous Acquisition of Differential Electrochemical Mass Spectrometry and
Infrared Spectroscopy Data for In Situ Characterization of Gas Evolution
Reactions in Lithium-Ion Batteries

Balázs B. Berkes,^{a,*} Anna Jozwiuk,^a Heino Sommer,^{a,b} Torsten Brezesinski,^{a,*} and Jürgen Janek^{a,c}

^a Battery and Electrochemistry Laboratory, Institute of Nanotechnology, Karlsruhe Institute of Technology, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

^b BASF SE, 67056 Ludwigshafen, Germany

^c Institute of Physical Chemistry, Justus-Liebig-University Giessen, Heinrich-Buff-Ring 58,
35392 Giessen, Germany.

*balazs.berkes@kit.edu, torsten.brezesinski@kit.edu

Download English Version:

<https://daneshyari.com/en/article/6601200>

Download Persian Version:

<https://daneshyari.com/article/6601200>

[Daneshyari.com](https://daneshyari.com)