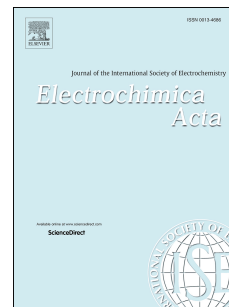


Accepted Manuscript

Novel bis(fluorosulfonyl)imide-based and ether-functionalized ionic liquids for lithium batteries with improved cycling properties

Akiko Tsurumaki, Hiroyuki Ohno, Stefania Panero, Maria Assunta Navarra



PII: S0013-4686(18)32215-1

DOI: [10.1016/j.electacta.2018.09.205](https://doi.org/10.1016/j.electacta.2018.09.205)

Reference: EA 32796

To appear in: *Electrochimica Acta*

Received Date: 31 May 2018

Revised Date: 19 September 2018

Accepted Date: 30 September 2018

Please cite this article as: A. Tsurumaki, H. Ohno, S. Panero, M.A. Navarra, Novel bis(fluorosulfonyl)imide-based and ether-functionalized ionic liquids for lithium batteries with improved cycling properties, *Electrochimica Acta* (2018), doi: <https://doi.org/10.1016/j.electacta.2018.09.205>.

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.

Novel bis(fluorosulfonyl)imide-based and ether-functionalized ionic liquids for lithium batteries with improved cycling properties

Author names and affiliations:

Akiko Tsurumaki^{a,*}, Hiroyuki Ohno^{b,c}, Stefania Panero^a, and Maria Assunta Navarra^{a,*}

^a Department of Chemistry, Sapienza University of Rome, Piazzale Aldo Moro 5, 00185 Rome, Italy

^b Department of Biotechnology, Tokyo University of Agriculture and Technology, 2-24-16 Naka-cho, Koganei, Tokyo 184-8588, Japan

^c Functional Ionic Liquid Laboratories, Graduate School of Engineering, Tokyo University of Agriculture and Technology, 2-24-16 Naka-cho, Koganei, Tokyo 184-8588, Japan

Akiko Tsurumaki: akiko.tsurumaki@uniroma1.it

Hiroyuki Ohno: ohnoh@cc.tuat.ac.jp

Stefania Panero: stefania.panero@uniroma1.it

Maria Assunta Navarra: mariassunta.navarra@uniroma1.it

* (A. Tsurumaki) Tel.: (+39) 06 4991 3664 and *E-mail*: akiko.tsurumaki@uniroma1.it

* (M.A. Navarra) Tel.: (+39) 06 4991 3658 and *E-mail*: mariassunta.navarra@uniroma1.it

Download English Version:

<https://daneshyari.com/en/article/11008111>

Download Persian Version:

<https://daneshyari.com/article/11008111>

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