

## Accepted Manuscript

Title: Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings

Authors: Milad Ghani, Saeed Masoum, Sayed Mehdi Ghoreishi, Víctor Cerdà, Fernando Maya



PII: S0021-9673(18)30815-X  
DOI: <https://doi.org/10.1016/j.chroma.2018.06.059>  
Reference: CHROMA 359503

To appear in: *Journal of Chromatography A*

Received date: 17-5-2018  
Revised date: 21-6-2018  
Accepted date: 25-6-2018

Please cite this article as: Ghani M, Masoum S, Ghoreishi SM, Cerdà V, Maya F, Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings, *Journal of Chromatography A* (2018), <https://doi.org/10.1016/j.chroma.2018.06.059>

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.

# **Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings**

Milad Ghani<sup>1</sup>, Saeed Masoum<sup>\*,1</sup>, Sayed Mehdi Ghoreishi<sup>1</sup>, Víctor Cerdà<sup>2</sup>, Fernando Maya<sup>2</sup>

<sup>1</sup> Department of Analytical Chemistry, Faculty of Chemistry, University of Kashan, Kashan, Iran,

<sup>2</sup> University of the Balearic Islands, Cra Valldemossa km 7.5, Palma de Mallorca, E-07122, Spain.

Correspondence: Saeed Masoum, Department of Analytical Chemistry, Faculty of Chemistry, University of Kashan, Kashan, Iran

Phone: +98 3155912338

E-mail: masoum@kashanu.ac.ir

## **Highlights**

- ✓ Polymer/zeolitic imidazolate framework monolithic as a SPME coatings
- ✓ On fiber metal oxide nanoparticle conversion to porous crystals
- ✓ Homogenous porous crystal SPME coatings with hierarchical pore system
- ✓ Enhanced extraction capacity for BTEX

Download English Version:

<https://daneshyari.com/en/article/7607432>

Download Persian Version:

<https://daneshyari.com/article/7607432>

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