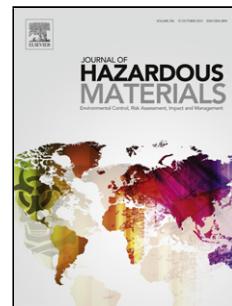


# Accepted Manuscript

Title: Membranes based on polymer miscibility for selective transport and separation of metallic ions

Authors: Djamila Zioui, Omar Arous, Nabil Mameri, Hacène Kerdjoudj, M. San Sebastian, J.L. Vilas, J. Nunes-Pereira, Senentxu Lanceros-Méndez



PII: S0304-3894(17)30284-4

DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2017.04.035>

Reference: HAZMAT 18518

To appear in: *Journal of Hazardous Materials*

Received date: 18-1-2017

Revised date: 11-4-2017

Accepted date: 12-4-2017

Please cite this article as: Djamila Zioui, Omar Arous, Nabil Mameri, Hacène Kerdjoudj, M. San Sebastian, J.L. Vilas, J. Nunes-Pereira, Senentxu Lanceros-Méndez, Membranes based on polymer miscibility for selective transport and separation of metallic ions, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2017.04.035>

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.

# Membranes based on polymer miscibility for selective transport and separation of metallic ions

Djamila Zioui<sup>1,2</sup>, Omar Arous<sup>3</sup>, Nabil Mameri<sup>1</sup>, Hacène Kerdjoudj<sup>3</sup>, M. San Sebastian<sup>4</sup>, J. L. Vilas<sup>5</sup>, J. Nunes-Pereira<sup>6,7\*</sup>, Senentxu Lanceros-Méndez<sup>4,6,7,8\*</sup>

<sup>1</sup> National Polytechnic School of Algiers (ENP), 10 Hassen Badi, PO Box 182, El Harrach, 16200 Algiers, Algeria

<sup>2</sup> Unité de Développement des Equipements Solaires, UDES, Centre de Développement des Energies Renouvelables, CDER, 42415, Tipaza, Algeria

<sup>3</sup> USTHB, Laboratory of Hydrometallurgy and Inorganic Molecular Chemistry, Faculty of Chemistry, PO Box 32 El Alia, 16111 Algiers, Algeria

<sup>4</sup> BCMaterials, Parque Científico y Tecnológico de Bizkaia, 48160-Derio, Spain

<sup>5</sup> Laboratorio de Química Macromolecular (LABQUIMAC), Departamento de Química Física, Facultad de Ciencia Y Tecnología, Universidad del País Vasco/EHU, Apdo. 644, Bilbao, Spain

<sup>6</sup> Centro de Física, Universidade do Minho, 4710-057 Braga, Portugal

<sup>7</sup> IB-S – Institute of Science and Innovation for Bio-Sustainability, University of Minho, 4710-057, Braga, Portugal

<sup>8</sup> IKERBASQUE, Basque Foundation for Science 48013 Bilbao Spain

\*Corresponding Author: [jpereira@fisica.uminho.pt](mailto:jpereira@fisica.uminho.pt); [senentxu.lanceros@bcmaterials.net](mailto:senentxu.lanceros@bcmaterials.net)

Download English Version:

<https://daneshyari.com/en/article/4979388>

Download Persian Version:

<https://daneshyari.com/article/4979388>

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