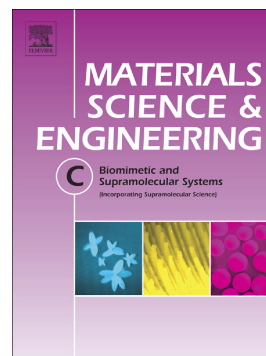


Accepted Manuscript

Towards rational design of porous nanostructured biopolymeric microparticles for biomacromolecules separation: A case study of intraparticle diffusion facilitation and BSA adsorption on agarose microspheres

Fatemeh Pourasgharian Roudsari, Mohammad Reza Mehrnia, Hooman Kaghazian



PII: S0928-4931(18)30341-2
DOI: doi:[10.1016/j.msec.2018.07.080](https://doi.org/10.1016/j.msec.2018.07.080)
Reference: MSC 8792
To appear in: *Materials Science & Engineering C*
Received date: 2 February 2018
Revised date: 9 July 2018
Accepted date: 30 July 2018

Please cite this article as: Fatemeh Pourasgharian Roudsari, Mohammad Reza Mehrnia, Hooman Kaghazian , Towards rational design of porous nanostructured biopolymeric microparticles for biomacromolecules separation: A case study of intraparticle diffusion facilitation and BSA adsorption on agarose microspheres. Msc (2018), doi:[10.1016/j.msec.2018.07.080](https://doi.org/10.1016/j.msec.2018.07.080)

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.

**Towards Rational Design of Porous Nanostructured
Biopolymeric Microparticles for Biomacromolecules
Separation: A case study of intraparticle diffusion
facilitation and BSA adsorption on agarose microspheres**

**Fatemeh Pourasgharian Roudsari[†], Mohammad Reza Mehrnia[†], Hooman
Kaghazian[‡]**

[†] School of Chemical Engineering, College of Engineering, University of Tehran, P.O.Box 11155-4563, Tehran, Iran

[‡] Department of Research and Development, Production and Research Complex, Pasteur Institute of Iran, P.O.Box: 3159915111, Tehran, Iran

* **Corresponding author:** School of Chemical Engineering, College of Engineering, University of Tehran, P.O.Box 11155-4563, Tehran, Iran. Tel: (+98) 2161112184, Fax: (+98) 2166957784. E-mail address: mmehrnian@ut.ac.ir (M.R. Mehrnia)

Download English Version:

<https://daneshyari.com/en/article/7865657>

Download Persian Version:

<https://daneshyari.com/article/7865657>

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