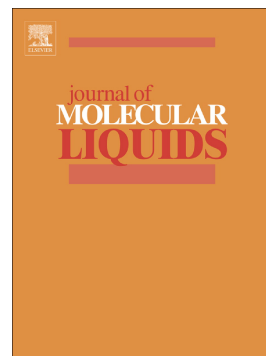


Accepted Manuscript

Adsorption/desorption study of proteins onto multi-walled carbon nanotubes and amino multi-walled carbon nanotubes surfaces as adsorbents

Behdad Enayatpour, Mostafa Rajabi, Mohammad Yari, S Mohammad Reza Mirkhan, Fahimeh Najafi, Omid Moradi, Arvind Kumar Bharti, Shilpi Agarwal, Vinod Kumar Gupta



PII: S0167-7322(17)30195-2
DOI: doi: [10.1016/j.molliq.2017.02.013](https://doi.org/10.1016/j.molliq.2017.02.013)
Reference: MOLLIQ 6926

To appear in: *Journal of Molecular Liquids*

Received date: 16 January 2017
Revised date: 3 February 2017
Accepted date: 4 February 2017

Please cite this article as: Behdad Enayatpour, Mostafa Rajabi, Mohammad Yari, S Mohammad Reza Mirkhan, Fahimeh Najafi, Omid Moradi, Arvind Kumar Bharti, Shilpi Agarwal, Vinod Kumar Gupta , Adsorption/desorption study of proteins onto multi-walled carbon nanotubes and amino multi-walled carbon nanotubes surfaces as adsorbents. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Molliq(2017), doi: [10.1016/j.molliq.2017.02.013](https://doi.org/10.1016/j.molliq.2017.02.013)

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.

**Adsorption/desorption study of proteins onto multi-walled carbon nanotubes and amino
multi-walled carbon nanotubes surfaces as adsorbents**

Behdad Enayatpour¹, Mostafa Rajabi², Mohammad Yari³

S Mohammad Reza Mirkhan⁴, Fahimeh Najafi⁵, Omid Moradi^{6*},

Arvind Kumar Bharti⁷, Shilpi Agarwal⁷, Vinod Kumar Gupta^{7**}

¹Department of Chemistry, Shahre Ray Branch, Islamic Azad University, Tehran, Iran

²Young Researchers and Elite Club, East Tehran Branch, Islamic Azad University, Tehran, Iran

³Department of Chemistry, Islamshahr Branch, Islamic Azad University, Islamshahr, Iran

⁴Department of Chemical Textile and Fiber Science, Shahre Ray Branch, Islamic Azad
University, Tehran, Iran

⁵Department of chemistry, Roudehen Branch, Islamic Azad University, Roudehen, Iran

⁶ Department of Chemistry, Shahr-e-Qods Branch, Islamic, Azad University, Tehran, Iran

⁷Department of Applied Chemistry, University of Johannesburg, Johannesburg, South Africa

*Corresponding author

**Correspondence to V.K. Gupta, Department of Applied Chemistry, University of Johannesburg, Johannesburg, South Africa E-mail address vinodg@uj.ac.za, vinodfcy@gmail.com (V.K. Gupta); moradi.omid@gmail.com; o.moradi@qodsiau.ac.ir(O. Moradi)

Download English Version:

<https://daneshyari.com/en/article/5408749>

Download Persian Version:

<https://daneshyari.com/article/5408749>

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