

## Accepted Manuscript

Kinetic adsorption modeling of ethanol molecules onto three types of activated carbons: Microscopic interpretation of adsorption and diffusion parameters

Mohamed Bouzid, Yosra Ben Torkia, Sarra Wjihi, Abdelmottaleb Ben Lamine



PII: S0167-7322(17)30992-3  
DOI: doi: [10.1016/j.molliq.2017.06.066](https://doi.org/10.1016/j.molliq.2017.06.066)  
Reference: MOLLIQ 7512

To appear in: *Journal of Molecular Liquids*

Received date: 6 March 2017

Revised date: 10 June 2017

Accepted date: 13 June 2017

Please cite this article as: Mohamed Bouzid, Yosra Ben Torkia, Sarra Wjihi, Abdelmottaleb Ben Lamine , Kinetic adsorption modeling of ethanol molecules onto three types of activated carbons: Microscopic interpretation of adsorption and diffusion parameters, *Journal of Molecular Liquids* (2017), doi: [10.1016/j.molliq.2017.06.066](https://doi.org/10.1016/j.molliq.2017.06.066)

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.

**Kinetic Adsorption Modeling of Ethanol molecules onto Three Types of activated Carbons : Microscopic interpretation of adsorption and diffusion parameters**

Mohamed Bouzid , Yosra Ben Torkia, Sarra Wjihi, Abdelmottaleb Ben Lamine\*

Unit of Quantum Physics, University of Monastir, Faculty of Science of Monastir , Monastir 5019, Tunisia.

Pr .A.BEN. LAMINE. UR-11 ES 54, Department of Physics, Faculty of Science of Monastir , Monastir-5019 –Tunisia.

\* Correspondence to be sent to: Abdelmottaleb Ben Lamine, Faculty of Sciences of Monastir, 5000 Monastir, Tunisia . E-mail: abdelmottaleb.benlamine@gmail.com

Tel: 0021673500280 Fax: 0021673500278 Phone : 0021695666600

Download English Version:

<https://daneshyari.com/en/article/5408408>

Download Persian Version:

<https://daneshyari.com/article/5408408>

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