

## Accepted Manuscript

Recognition of Anions using urea and thiourea substituted calixarenes: A DFT assessment of Non-Covalent Interactions

Mohd. Athar, Mohsin Y. Lone, Prakash C. Jha

PII: S0301-0104(17)30812-1

DOI: <https://doi.org/10.1016/j.chemphys.2017.12.002>

Reference: CHEMPH 9883

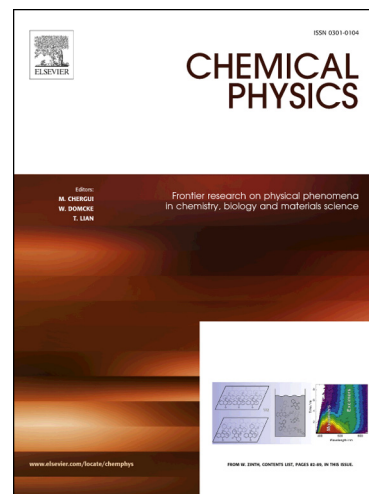
To appear in: *Chemical Physics*

Received Date: 26 September 2017

Accepted Date: 4 December 2017

Please cite this article as: Mohd. Athar, M.Y. Lone, P.C. Jha, Recognition of Anions using urea and thiourea substituted calixarenes: A DFT assessment of Non-Covalent Interactions, *Chemical Physics* (2017), doi: <https://doi.org/10.1016/j.chemphys.2017.12.002>

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.



---

**Recognition of Anions using urea and thiourea substituted calixarenes: A DFT assessment of Non-Covalent Interactions**Mohd. Athar<sup>1</sup>, Mohsin Y. Lone<sup>1</sup> & Prakash C. Jha<sup>2</sup><sup>1</sup> School of Chemical Sciences, Central University of Gujarat, Gandhinagar 382030, Gujarat, India<sup>2</sup> Centre for Applied Chemistry, Central University of Gujarat, Gandhinagar 382030, Gujarat, India

Mohd. Athar  
[mathar93@gmail.com](mailto:mathar93@gmail.com)  
+917405498220

Mohsin Y. Lone  
[mylonechem@cug.ac.in](mailto:mylonechem@cug.ac.in)  
+919033526257

Prakash Chandra Jha  
[prakash.jha@cug.ac.in](mailto:prakash.jha@cug.ac.in)  
+918866823510

**\*Corresponding author:**

Dr. Prakash C. Jha,  
Centre for Applied Chemistry,  
Central University of Gujarat,  
Gandhinagar-382030  
Gujarat, INDIA  
Email: [prakash.jha@cug.ac.in](mailto:prakash.jha@cug.ac.in)  
Telephone number: +91 8866823510

Download English Version:

<https://daneshyari.com/en/article/7837356>

Download Persian Version:

<https://daneshyari.com/article/7837356>

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