

Accepted Manuscript

Title: Adsorption Characteristics of DNA Nucleobases, Aromatic Amino Acids and Heterocyclic Molecules on Silicene and Germanene Monolayers

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PII: S0925-4005(17)31749-5
DOI: <http://dx.doi.org/10.1016/j.snb.2017.09.083>
Reference: SNB 23174

To appear in: *Sensors and Actuators B*

Received date: 5-4-2017
Revised date: 18-8-2017
Accepted date: 13-9-2017

Please cite this article as: Tanveer Hussain, Hakkim Vovusha, Thanayut Kaewmaraya, Vittaya Amornkitbamrung, Rajeev Ahuja, Adsorption Characteristics of DNA Nucleobases, Aromatic Amino Acids and Heterocyclic Molecules on Silicene and Germanene Monolayers, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.09.083>

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Adsorption Characteristics of DNA Nucleobases, Aromatic Amino Acids and Heterocyclic Molecules on Silicene and Germanene Monolayers

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Highlights

We have probed the adsorption mechanism of nucleobases, amino acids and heterocyclic molecules on silicene and germanene monolayers for the application of sensing of biomolecules. The salient outcomes of the current study are:

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