

Accepted Manuscript

Interface-controlled growth of organic semiconductors on graphene

Jinta Mathew, Saim Emin, Egon Pavlica, Matjaž Valant,
Gvido Bratina

PII: S0039-6028(17)30282-0
DOI: [10.1016/j.susc.2017.05.005](https://doi.org/10.1016/j.susc.2017.05.005)
Reference: SUSC 21028

To appear in: *Surface Science*

Received date: 13 April 2017
Revised date: 4 May 2017
Accepted date: 5 May 2017

Please cite this article as: Jinta Mathew, Saim Emin, Egon Pavlica, Matjaž Valant, Gvido Bratina, Interface-controlled growth of organic semiconductors on graphene, *Surface Science* (2017), doi: [10.1016/j.susc.2017.05.005](https://doi.org/10.1016/j.susc.2017.05.005)



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.

Highlights

- PDIF-CN2 forms irregularly-shaped 1.4 nm-high islands on bilayer and multilayer graphene.
- Electric force microscopy reveals higher surface charge density on single-layer graphene than on the bilayer graphene.
- No PDIF-CN2 nucleation is observed on single-layer graphene on SiO₂.
- PDIF-CN2 nucleates on unsupported single-layer graphene.

Download English Version:

<https://daneshyari.com/en/article/5421104>

Download Persian Version:

<https://daneshyari.com/article/5421104>

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