Accepted Manuscript

Title: Controlled growth of periodically aligned copper-silicide nanocrystal arrays on silicon directed by laser-induced periodic surface structures (LIPSS)

Authors: Philipp Nürnberger, Hendrik M. Reinhardt, Daniel Rhinow, René Riedel, Simon Werner, Norbert A. Hampp



| PII: | S0169-4332(17)31307-7 |
|----------------|--|
| DOI: | http://dx.doi.org/doi:10.1016/j.apsusc.2017.05.005 |
| Reference: | APSUSC 35940 |
| To appear in: | APSUSC |
| Received date: | 4-4-2017 |
| Accepted date: | 1-5-2017 |

Please cite this article as: Philipp Nürnberger, Hendrik M.Reinhardt, Daniel Rhinow, René Riedel, Simon Werner, Norbert A.Hampp, Controlled growth of periodically aligned copper-silicide nanocrystal arrays on silicon directed by laser-induced periodic surface structures (LIPSS), Applied Surface Sciencehttp://dx.doi.org/10.1016/j.apsusc.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.

ACCEPTED MANUSCRIPT

Controlled growth of periodically aligned copper-silicide nanocrystal arrays on silicon directed by laser-induced periodic surface structures (LIPSS)

Philipp Nürnberger,^{*a*} *Hendrik M. Reinhardt*,^{*a*} *Daniel Rhinow*,^{*b*} *René Riedel*,^{*a*} *Simon Werner*,^{*a*} *and Norbert A. Hampp*^{*a,c,**}

^a Department of Chemistry, Philipps-University Marburg, Hans-Meerwein-Straße 4, 35032 Marburg, Germany

^b Max Planck Institute of Biophysics, 60438 Frankfurt am Main, Germany

^c Material Science Center, 35032 Marburg, Germany

Download English Version:

https://daneshyari.com/en/article/5351662

Download Persian Version:

https://daneshyari.com/article/5351662

Daneshyari.com