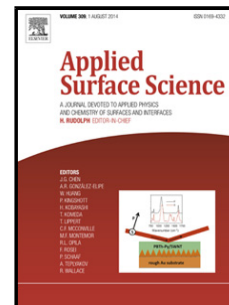


Accepted Manuscript

Title: Effect of doping on the modification of polycrystalline silicon by spontaneous reduction of diazonium salts

Author: A. Girard N. Coulon C. Cardinaud T. Mohammed-Brahim F. Geneste



PII: S0169-4332(14)01526-8
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2014.07.012>
Reference: APSUSC 28257

To appear in: *APSUSC*

Received date: 9-4-2014
Revised date: 23-5-2014
Accepted date: 2-7-2014

Please cite this article as: A. Girard, N. Coulon, C. Cardinaud, T. Mohammed-Brahim, F. Geneste, Effect of doping on the modification of polycrystalline silicon by spontaneous reduction of diazonium salts, *Applied Surface Science* (2014), <http://dx.doi.org/10.1016/j.apsusc.2014.07.012>

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.

- Spontaneous grafting of aryl diazonium salts on polycrystalline silicon surfaces
- Effect of the nature and level of doping on the efficiency of the functionalization
- The grafting process was more efficient on PolySi substrates than on monosilicon
- Influence of the crystal structure and grain boundaries on the modification procedure
- Role of the reducing power of the substrate on the grafting procedure

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/5358370>

Download Persian Version:

<https://daneshyari.com/article/5358370>

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