

## Passivation of surface-nanostructured f-SiC and porous SiC - DTU Orbit (09/11/2017)

### Passivation of surface-nanostructured f-SiC and porous SiC

The further enhancement of photoluminescence from nanostructured fluorescent silicon carbide (f-SiC) and porous SiC by using atomic layer deposited (ALD) Al<sub>2</sub>O<sub>3</sub> is studied in this paper.

#### General information

State: Published

Organisations: Fibers & Nonlinear Optics, Department of Photonics Engineering, Diode Lasers and LED Systems, Centre of Excellence for Silicon Photonics for Optical Communications, University of Erlangen-Nuremberg, Meijo University, Linköping University

Authors: Ou, H. (Intern), Lu, W. (Intern), Ou, Y. (Intern), Jokubavicius, V. (Ekstern), Syväjärvi, M. (Ekstern), Schuh, P. (Ekstern), Wellmann, P. (Ekstern), Iwasa, Y. (Ekstern)

Number of pages: 1

Publication date: 2016

Event: Paper presented at 4th International workshop on LEDs and solar applications, Nagoya, Japan.

Main Research Area: Technical/natural sciences

#### Bibliographical note

Invited talk at '4th International workshop on LEDs and solar applications', held at Meijo University, Nagoya, Japan, Mar.30-31, 2016

Source: PublicationPreSubmission

Source-ID: 123057202

Publication: Research - peer-review › Paper – Annual report year: 2016