



**Publisher's Note: "Intrinsic device-to-device variation in graphene field-effect transistors on a Si/SiO<sub>2</sub> substrate as a platform for discriminative gas sensing" [Appl. Phys. Lett. 104, 013114 (2014)]**

Alexey Lipatov, Alexey Varezchnikov, Martin Augustin, Michael Bruns, Martin Sommer, Victor Sysoev, Andrei Kolmakov, and Alexander Sinitskii

Citation: [Applied Physics Letters](#) **104**, 149902 (2014); doi: 10.1063/1.4864791

View online: <http://dx.doi.org/10.1063/1.4864791>

View Table of Contents: <http://scitation.aip.org/content/aip/journal/apl/104/14?ver=pdfcov>

Published by the [AIP Publishing](#)

---

#### Articles you may be interested in

Publisher's Note: "Structural consequences of hydrogen intercalation of epitaxial graphene on SiC(0001)" [Appl. Phys. Lett. 105, 161602 (2014)]

Appl. Phys. Lett. **107**, 189902 (2015); 10.1063/1.4935412

Publisher's Note: "Extracting the complex optical conductivity of mono- and bilayer graphene by ellipsometry" [Appl. Phys. Lett. 104, 261909 (2014)]

Appl. Phys. Lett. **105**, 119902 (2014); 10.1063/1.4895626

Publisher's Note: "High-voltage field effect transistors with wide-bandgap  $\beta$ -Ga<sub>2</sub>O<sub>3</sub> nanomembranes" [Appl. Phys. Lett. 104, 203111 (2014)]

Appl. Phys. Lett. **104**, 249902 (2014); 10.1063/1.4884096

Intrinsic device-to-device variation in graphene field-effect transistors on a Si/SiO<sub>2</sub> substrate as a platform for discriminative gas sensing

Appl. Phys. Lett. **104**, 013114 (2014); 10.1063/1.4861183

Detection of sulfur dioxide gas with graphene field effect transistor

Appl. Phys. Lett. **100**, 163114 (2012); 10.1063/1.4704803

---

The banner features the AIP Applied Physics Reviews logo on the left, which includes a small image of a device structure. The main text 'NEW Special Topic Sections' is in large, white, sans-serif font. Below this, the text 'NOW ONLINE' is in yellow, followed by 'Lithium Niobate Properties and Applications: Reviews of Emerging Trends' in white. The AIP Applied Physics Reviews logo is also present on the right side of the banner.

## NEW Special Topic Sections

**NOW ONLINE**  
Lithium Niobate Properties and Applications:  
Reviews of Emerging Trends

**AIP** Applied Physics  
Reviews

## Publisher's Note: "Intrinsic device-to-device variation in graphene field-effect transistors on a Si/SiO<sub>2</sub> substrate as a platform for discriminative gas sensing" [Appl. Phys. Lett. 104, 013114 (2014)]

Alexey Lipatov,<sup>1</sup> Alexey Varezchnikov,<sup>2</sup> Martin Augustin,<sup>3</sup> Michael Bruns,<sup>4</sup> Martin Sommer,<sup>3</sup> Victor Sysoev,<sup>2</sup> Andrei Kolmakov,<sup>5,a)</sup> and Alexander Sinitskii<sup>1,6,b)</sup>

<sup>1</sup>Department of Chemistry, University of Nebraska–Lincoln, Lincoln, Nebraska 68588, USA

<sup>2</sup>Department of Physics, Saratov State Technical University, Saratov 410054, Russian Federation

<sup>3</sup>Institute of Microstructure Technology, Karlsruhe Institute of Technology (KIT),  
Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

<sup>4</sup>Institute for Applied Materials - Energy Storage Systems (IAM-ESS), Karlsruhe Institute of Technology (KIT),  
Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

<sup>5</sup>Department of Physics, Southern Illinois University, Carbondale, Illinois 62901, USA

<sup>6</sup>Nebraska Center for Materials and Nanoscience, University of Nebraska–Lincoln, Lincoln, Nebraska 68588, USA

(Received 13 January 2014; published online 11 April 2014)

[<http://dx.doi.org/10.1063/1.4864791>]

This article was originally published online on 10 January 2014 with an error in the affiliations. The affiliations are correct as they appear above. All online versions of the article were corrected on 15 January 2014.

---

<sup>a)</sup>andrei.kolmakov@nist.gov

<sup>b)</sup>sinitskii@unl.edu