

TABLE OF CONTENTS

Volume 2 Number 1

January 2013

Na Induced Changes in the Electronic Band Structure of Graphene Grown on C-Face SiC

L. I. Johansson, C. Xia, C. Virojanadara.....1

RKKY Interaction in Gapped or Doped Graphene

E. Kogan.....8

Flexible Graphene Devices with an Embedded Back-Gate

J. van Veen, A. Castellanos-Gomez, H. S. J. van der Zant, G. A. Steele.....13

Force Field Based MM2 Molecule-Surface Binding Energies for Graphite and Graphene

J. H. Son, T. R. Rybolt.....18

Formation of Interface Bound States on a Graphene-Superconductor Junction in the Presence of Charge Inhomogeneities

P. Burset, W. J. Herrera, A. L. Yeyati.....35

One Pot Synthesis of Graphene by Exfoliation of Graphite in ODCB

S. Sahoo, G. Hatui, P. Bhattacharya, S. Dhibar, C. K. Das.....42

General Scattering Mechanism and Transport in Graphene

M. Rabiu, S. Y. Mensah, S. S. Abukari.....49

Effect of Growth Morphology on the Electronic Structure of Epitaxial Graphene on SiC

M. D. Williams, D. W. Hess.....55