Contents

Preface
Survival in the Age of Uncertainty ........................................... Shigeyuki Kimura • 1 (301)

Special Issue: Functional Material, Diamond

Ed. by Yasunao Oyama and Koichi Kakimoto

Preface for Special Issue on Functional Material, Diamond

Yasunao Oyama and Koichi Kakimoto • 3 (303)

Review Article
The Morphology of the Diamond ........................................... Ichiro Sunagawa • 4 (304)

Review
Growth of Diamond Crystals at High Pressure-High Temperature
Using Metallic Solvents ........................................... Masao Wakatsuki • 11 (311)

Review
Growth of High Pressure Synthetic Diamond from Highly Dilute Solution

Hisao Kanda • 19 (319)

Diamond Single Crystal Grown by Plasma CVD

Takahiro Imai, Yoshiyuki Yamamoto and Kiuchi Meguro • 26 (326)

Review
Diamond Synthesis Using Alcohol or Combustion Flame

Yoichi Hirose and Kohei Hosono • 30 (330)

Original Article
The Application of Electrolyte-solution-gate Diamond FETs (SGFETs)
Using Polycrystalline Diamond Surface to Biosensors

Kwang-Soup Song, Yusuke Nakamura, Munenori Degawa,
Yoshinori Sasaki, Hitoshi Umezawa and Hiroshi Kawarada • 35 (335)

Report
Eleventh International Conference on Composite/Nano Engineering

Atsushi Mori • 41 (341)

Opinions, Reports and Essay
Activity of Division of Bulk Crystal Growth in JACG......Masahito Watanabe • 43 (343)

Information and Notice ............................................................. 45 (345)

The Journal is published quarterly by
The Japanese Association for Crystal Growth (Takatomo SASAKI, President)

Notice about photocopying
In order to photocopy any work from this publication, you
or your organization must obtain permission from the follow-
ing organization which has been delegated for copyright
clearance by the copyright owner of this publication.
Japan Academic Association for Copyright Clearance, Inc.
(JAACC)
6-41 Akasaka 9-chome, Minato-ku, Tokyo 107-0052 Japan
Phone 81-3-3475-5618 Fax 81-3-3475-5619
E-mail: jaacc@ntd.biglobe.ne.jp

In the USA
Copyright Clearance Center, Inc.
222 Rosewood Drive, Danvers, MA 01923, USA
Phone: 978-750-8400, FAX: 978-750-4744
www.copyuRight.com

Editorial Committee
Kazumasa HIRAMATSU, Chairman (Meijo University)
Yoshinori ANDO (Meijo University)
Koichi KAKIMOTO (Kyushu University)
Yoshihiro KANGAWA (Tokyo University of Agriculture & Technology)
Akinori KOUKITU (Tokyo University of Agriculture & Technology)
Akira SAKAI (Nagoya University)
Gen SAZAKI (Tohoku University)
Kazuo NAKAJIMA (Tohoku University)
Yasuhiro HAYAKAWA (Shizuoka University)
Taketoshi HIBIYA (Tokyo Metropolitan Institute of Technology)
Yoshinori FURUKAWA (Hokkaido University)
Atsushi MOTOGAITO (Me University)
Yusuke MORI (Osaka University)