

**BULLETIN OF THE INSTITUTE
FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY**

Vol. 58, No. 4

*Special Issue on Polymer Chemistry,
Including Organic Chemistry, XV*

Published bi-monthly by

**THE INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY
KYOTO, JAPAN**

July, 1980

(Bull. Inst. Chem. Res., Kyoto Univ.)

INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY

Director

Toshio TAKADA

Members of Council

| | | |
|--------------------|----------------|--------------------|
| Yoshichika BANDO | Eiichi FUJITA | Hiroshi INAGAKI |
| Yuzo INOUE | Ryozo KITAMARU | Naokazu KOIZUMI |
| Michio KURATA | Shinzaburo OKA | Masaya OKANO |
| Tatsuo OOI | Toshio TAKADA | Mitsuru TAKANAMI |
| Hidekuni TAKEKOSHI | Tohru TAKENAKA | Yoshimasa TAKEZAKI |
| Megumi TASHIRO | Natsu UYEDA | Takuji YANABU |

Publication Committee

| | | |
|------------------|--------------------|-----------------|
| Masafumi ARAKAWA | Ryozo KITAMARU | Masakazu MATSUI |
| Kenji SODA | Hidekuni TAKEKOSHI | Tohru TAKENAKA |

Business Staff

| | | |
|-----------------|---------------|-----------------|
| Tetsuo FUJIMOTO | Seiichi IJIRI | Shozo MATSUMURA |
|-----------------|---------------|-----------------|

History of Publications

| Term | Vol. | Title | Published |
|-----------------------------|--------------|--|-----------------|
| Jan., 1929– Dec., 1947 | 1-16 | 化学研究所講演集 (The Reports of the Institute for Chemical Research) | Indeterminately |
| April, 1933 | — | 10 Jahre Institut für chemische Forschung (化学研究所創立十周年記念号) | — |
| March, 1949– Dec., 1949 | 17-19 | 化研講演集 (The Reports of the Institute for Chemical Research) | Indeterminately |
| March, 1950– Sept., 1952 | 20-30 | 化学研究所報告 (Bulletin of the Institute for Chemical Research) | Quarterly |
| Dec., 1951 | — | The Commemoration Volume for the Silver Jubilee (化学研究所創立二十五周年記念号) | — |
| Jan., 1953 onwards | 31 No. 1- | Bulletin of the Institute for Chemical Research (化学研究所報告) | Bi-monthly |
| Nov., 1966 | 44 No. 6 | Special Issue on the Commemoration of the Fortieth Anniversary (化学研究所創立四十周年記念号) | — |
| Nov., 1976 | 54 No. 6 | Special Issue on the Commemoration of the Fiftieth Anniversary (化学研究所創立五十周年記念号) | — |

CONTENTS

Special Issue on Polymer Chemistry, including Organic Chemistry, XV

| | |
|---|-----|
| Terumitsu Kotani, Toshio Hayashi, and Akio Nakajima: Molecular Characterization of Tri-block Copolymer Containing Polyamino Acid as One Component..... | 449 |
| Suong-Hyu Hyon and Ryoza Kitamaru: Structure and Properties of Lightly Cross-linked Isotactic Polypropylene, Crystallized from the Melt under Uniaxial Compression..... | 457 |
| Akiyoshi Kawaguchi, Ryo Matsui, and Ken-ichi Katayama: Lattice Distortion of Polyethylene at Low Temperatures..... | 470 |
| Review | |
| Eiichi Fujita, Kaoru Fuji, Yoshimitsu Nagao, and Masahito Ochiai: The Chemistry on Diterpenoids in 1979. Part-I..... | 484 |

京都大学化学研究所報告 第58卷 第4号

昭和55年9月24日 印刷 【非売品】
昭和55年9月30日 発行

〒611 京都府宇治市五ヶ庄
京都大学化学研究所

編集兼 高 田 利 夫
発行人

〒602 京都市上京区下立売通小川東入
印刷所 中西印刷株式会社
電話 (075) (441) 3157 番 (代表)

京都市上京区下立売通小川東入
印刷者 中 西 亨