

ISSN 0023-6071

**BULLETIN OF THE INSTITUTE
FOR CHEMICAL RESEARCH**

KYOTO UNIVERSITY

Vol. 62, No. 4

Physical Chemistry

Published bi-monthly by

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

July, 1984

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

**INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY**

Director

Hiroshi INAGAKI

Members of Council

| | | |
|--------------------|-------------------|------------------|
| Yoshichika BANDO | Kaoru FUJI | Eiichi FUJITA |
| Hiroshi INAGAKI | Ken-ichi KATAYAMA | Ryozo KITAMARU |
| Naokazu KOIZUMI | Michio KURATA | Masakazu MATSUI |
| Jun'ichi ODA | Shinzaburo OKA | Tatsuo OOI |
| Sumio SAKKA | Teruya SHINJO | Kenji SODA |
| Nobuyuki SUGITA | Toshio TAKADA | Mitsuru TAKANAMI |
| Hidekuni TAKEKOSHI | Tohru TAKENAKA | Natsu UYEDA |

Publication Committee

| | | |
|-----------------|--------------------|-----------------|
| Souichi HAYASHI | Keisuke KAJI | Masakazu MATSUI |
| Sumio SAKKA | Hidekuni TAKEKOSHI | Sigeo TANIMOTO |

Business Staff

| | | |
|-----------------|---------------|------------------|
| Tetsuo FUJIMOTO | Shin HASEGAWA | Toshio NISHIMURA |
|-----------------|---------------|------------------|

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

| | |
|---|-----|
| Tohru Takenaka, Kazuo Eda, Masaki Mabuchi, Yoshinori Fujiyoshi, and Natsu Uyeda: Surface Enhanced Raman Scattering by Isomeric Monobromopyridines Adsorbed on Gold and Silver Sol Particles | 219 |
| Mititaka Kubota, Kazushi Kanoda, and Hiromasa Mazaki: Negative Resistance and Magnetic Response of a Tunnel Junction..... | 233 |
| Kiyoshi Yase, Osamu Okumura, Takashi Kobayashi, and Natsu Uyeda: Epitaxial Growth of a Highly Conductive Charge Transfer Complex from Vapor Phase —TTF-TCNQ— | 242 |
| Akira Ishikawa, Tetsuya Hanai, and Naokazu Koizumi: Dielectric Study of Some Ion-Exchange Resins | 251 |

京都大学化学研究所報告 第62卷 第4号

昭和59年11月20日 印刷
昭和59年11月25日 発行

【非売品】

京都府宇治市五ヶ庄
京都大学化学研究所

編集兼発行人 稲垣 博

〒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)3155番(代表)

京都市上京区下立売通小川東入

印刷者 中西 亨