

# The Review of Physical Chemistry of Japan

Vol. 28, 1958

## CONTENTS

### No. 1

Kiyoshi Shimizu: Color Centers in Potassium Chloride Crystal containing Barium Ions...	1
Hiroshi Teranishi: Studies on the Explosions under High Pressures, IV The Explosions of Tetrafluoroethylene mixed with Oxygen or Air.....	9
Keizo Suzuki: Studies on the Denaturation of Egg Albumin under High Pressure.....	24
Tadashi Makita: Stability for Oxidation of the Unsaturated Fatty Acids in their Urea Adduct Crystals .....	31
Jiro Osugi, Hiroyuki Hiraoka and Daizaburo Shinoda: Preliminary Studies on Diffusion Coefficients of Gases at Pressures.....	36

### No. 2

Shigeru Minomura, Kazuo Inoue, Kunio Ozawa and Masatomo Fuzimoto: The Effect of Pressure on the Defects in Alkali Halide Crystals.....	43
Hiroyuki Hiraoka, Jiro Osugi and Wasaburo Jono: Self-Diffusion Benzene and Diffusions of Sulfur and Iodine in Benzene under Pressure.....	52
Hiroyuki Hiraoka, Yasushi Izui, Jiro Osugi and Wasaburo Jono: Self-diffusion of Methanol under Pressure.....	61
Hiroyuki Hiraoka: Studies on Solubilities of Ethylene in Benzene at High Pressures.....	64
Masao Suga: The Influence of Metals on the Explosion Limit of Ethylene mixed with Air .....	67

*Published by*

**THE PHYSICO-CHEMICAL SOCIETY OF JAPAN**

*College of Science, Kyoto University, Kyoto, Japan*