

## List of Scientific Papers

### Published in Other Periodicals or Books by the Members of the Institute and their Co-workers during the Year 1956

- Ikutaro SAWAI and Kaoru UMEYA : On the Vacuum Pagging. *Zairyo Shiken (Journal of Japan Society for Testing Materials)*, **5**, 2.
- Ikutaro SAWAI, Kaoru UMEYA, Tomozo NISHIKAWA, Susumu KAWAMOTO and Fusashi SHIMIZU : On the Measurement of the Dynamical and Mechanical Properties of Clay Slips. *ibid.*, **5**, 292.
- Ikutaro SAWAI, Kaoru UMEYA, Tomozo NISHIKAWA, Susumu KAWAMOTO and Fusashi SHIMIZU : On the Study of Solid Casting. *ibid.*, **5**, 433.
- Ikutaro SAWAI : Modern Glass Industry. *ibid.*, **5**, 458.
- Ikutaro SAWAI and Toshio MAKI : On the System of BaO-Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>. *Yogyo Kyokaiishi (Journal of the Japanese Ceramic Society)*, **64**, 287.
- Sumio NAGASAWA : Problems on the Breeding of Insects for Biological Assay of Insecticides. (XIII). On the Growth of the Head Capsule in the Successive Instars in Larvae of *Phytometra ornatissima* Walker. *Botyu Kagaku (Scientific Insect Control)*, **21**, 1.
- Sumio NAGASAWA : On the Overwintering of the Horn Fly, *Lyperosia irritans* L. *Shin Konchu (New Entomology)*, **2(2)**, 2.
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- Yuzo INOUE and Minoru OHNO : Studies on Synthetic Pyrethroids. (VII). Reduction of Chrysanthemum Carboxylic Acid by Lithium Aluminium Hydride. *Bulletin of the Agricultural Chemical Society of Japan*, **20**, 25.
- Yuzo INOUE and Minoru OHNO : Studies on Synthetic Pyrethroids. (VIII). Addition of Ethyl Diazoacetate to Methyl  $\alpha,\beta,\delta$ -Trimethyltorbate. *ibid.*, **20**, 77.
- Yuzo INOUE, Toshio SUGITA and Minoru OHNO : Studies on Synthetic Pyrethroids. (IX). Assignment of the Geometrical Configuration to  $\alpha,\delta$ -Dimethylsorbic Acid. *Botyu Kagaku (Scientific Insect Control)*, **21**, 86.
- Yuzo INOUE and Minoru OHNO : Studies on Synthetic Pyrethroids. (X). Supplementary Discussion on the Retention of  $\alpha,\beta$ -*trans*-Configuration during the Addition of Ethyl Diazoacetate to Methyl  $\alpha,\delta$ -Diamethylsorbate. *ibid.*, **21**, 105.
- Masayuki HAMADA and Sumio NAGASAWA : The Preparation and Toxicity of 1,1-*bis*-(*p*-Fluorophenyl)-2,2,2-trichloroethane. *ibid.*, **21**, 4.
- Masayuki HAMADA and Hirokazu TAKAHARA : Studies on Chemical Constitution and Insecticidal Activity. (X). Synthesis of 1,1-*bis*-(*p*-Chlorophenyl)-2,2-dichloropropane. *ibid.*, **21**, 20.
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- Hajime FUJIMURA, Takaji UESHIMA and Toyoji MAEDA : Analgesic Action of Dialkylaminoacylamino Derivatives. (III). Addendum. Analgesic Effect of Isoamyl  $\alpha$ -[N-( $\beta$ -dimethylaminoethyl)]aminophenylacetate HCl (M-Avacan). *ibid.*, **76**, 1175.
- Hajime FUJIMURA, Kazuo ASAI and Kiyohisa KAWAI : Analgesic Action of Dialkylaminoacylamino Derivatives. (IV). Pharmacological Studies of Camphore Derivatives. (1). *ibid.*, **76**, 1177.
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- Hiroshi SAWAMURA : A Thermodynamic Calculation on the Equilibrium Constant of a Deoxidation Reaction  $Al_2O_3(S)=2Al+3O$  in Molten Steel. *Suiyokwai-Shi (Transactions of the Mining and Metallurgical Alumni Association)*, **13**, 142.
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- Noboru MORI, Kiyoshi SAKURAI, Takeshi, TANAKA and Naobumi NAKAMURA : Studies of the Improvement of Tensile Recovery of Vinyon. (VI). On the Mixed Acetalization with Nonylaldehyde and Acetalylmonosulfide, and Nonyl- and Benzaldehyde Sulfide. *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industries, Japan)*, **12**, 245.
- Yasuhiko NUKUSHINA : X-Ray Studies on the Structure of Natural and Chemical Fibers. *ibid.*, **12**, 158.
- Sung-Keun REUM and Toshio OKADA : Electronic Vibrating Reed Method. *Kasen Koen-*

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- Waichiro TSUJI and Toshio OKADA : Studies on the Electro Static Phenomenon of Fibers. (II). *ibid.*, **13**, 47.
- Noboru MORI, Takeshi TANAKA, Kouji FUKUMI, Kiyoshi SAKURAI and Sadayuki OKADA : Mixed Spinning of Vinyon. *ibid.*, **13**, 79.
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- Waichiro TSUJI, Noboru MORI, Ryoza KITAMARU and Tetsuo IKEDA : Effects of Molecular Weight Distribution and Orientation on the Mechanical Behaviors of Polyvinyl Alcohol Fibers and Films. "Goseisen-i Ronbunshu" (Collected Papers of Synthetic Fibers), p. 143.
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- Waichiro TSUJI : Influence of the Degree of Polymerization, its Distribution and Molecular Orientation on the Mechanical Properties of High Polymers. *Kogyokagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **59**, 764.
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- Junji FURUKAWA, Akira ONISHI and Teiji TSURUTA : A New Method of Synthesis of N-Vinylsulfonamide. *Kogyokagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **59**, 1230.
- Yoshiro OGATA, Masaya OKANO and Takashi GANKE : Kinetics of the Formation of the Formol of Polyvinyl Alcohol. *Journal of the American Chemical Society*, **78**, 5423.
- Yoshiro OGATA and Masaya OKANO : Kinetics of the Chloromethylation of Mesitylene in Aqueous Acetic Acid. *ibid.*, **78**, 5423.
- Yoshiro OGATA, Masaya OKANO, Yoshiaki FURUYA and Iwao TABUSHI : Kinetics of the Cyanoethylations of Ethanolamine, Acetylacetone and Methanol. *ibid.*, **78**, 5426.
- Tokio SASAI : Clinical Studies on the Urinal Colloid by the Method of Polarographic Protein Wave. (I). Clinical Observation. *Naika Hokan (Japanese Archives of Internal Medicine)*, **3**, 65.
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- Tokio SASAI : Contribution to the Development of Clinical Application of Polarographic Protein Wave. *Porarografi (Reviews of Polarography)*, **5**, 26.
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