

List of Scientific Papers

Published in Other Periodicals or Books by the Member of the Institute and their Co-workers during the Year 1957

- Ikutaro SAWAI and Megumi TASHIRO : On Combustion and Heat Transmission in a Glass Tank Furnace. *Transactions of the Fourth International Glass Congress*, p. 153.
- Ikutaro SAWAI and Megumi TASHIRO : On the Radiation Shielding Glasses. *Zairyo Shiken (Journal of the Japan Society for Testing Materials)*, **6**, 638.
- Toshio MAKI : On the Origin and the Formation of Kasatori Barite Deposit in Uji City, Kyoto Prefecture. *Chigaku Kenkyu (Journal of the Society of Earth Scientists of Japan)*, **9**, 201.
- Ikutaro SAWAI : On the Fundamental Problems of Glass Technology. *Yogyo Kyokaiishi (Journal of the Ceramic Association, Japan)*, **65** 293.
- Sumio SAKKA : Effect of Reheating on the Strength of Glass Fibers. *ibid.*, **65**, 190.
- Hajime FUJIMURA, Kazuo ASAI and Kiyohisa KAWAI : Comparative Studies on the Action of N-Acetyl-*p*-aminophenol and Phenacetin. *Yakugaku Kenkyu (Japanese Journal of Pharmacy and Chemistry)*, **29**, 277.
- Hajime FUJIMURA and Katsuya OHATA : Pharmacology of Benzhydrol Derivatives. *ibid.*, **29**, 1041.
- Ichiro TACHI : Antagonistic Action of CNS Stimulants against Barbiturates in Mice. *ibid.*, **29**, 1052.
- Hideo KATAGIRI, Tatsurokuro TOCHIKURA and Kazutami IMAI : Microbiological Studies of *Coli-aerogenes* Bacteria. (I). Conversion of the Lactic Acid Fermentation to α -Ketoglutaric Acid Fermentation. *Bulletin of the Agricultural Chemical Society of Japan*, **21**, 210.
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- Yasuo SONE and Ichiro SAKURADA : Studies on the Swelling of Polyvinyl Alcohol. (V). Influence of the Removal of Soluble Parts on the Effect of the Heat Treatment of Polyvinyl Alcohol Films. *Kobunshi Kagaku (Chemistry of High Polymers)*, **14**, 92.
- Yasuo SONE and Ichiro SAKURADA : Studies on the Swelling of Polyvinyl Alcohol. (VI). Swelling of Films Prepared from Water-Soluble and Insoluble Parts of Polyvinyl Alcohol Films. *ibid.*, **14**, 96.
- Yasuo SONE and Ichiro SAKURADA : Studies on the Swelling of Polyvinyl Alcohol. (VIII). Influences of the Residual Acetyl Groups on the Swelling of Polyvinyl Alcohol Films. *ibid.*, **14**, 139.
- Yasuo SONE and Ichiro SAKURADA : Studies on the Swelling of Polyvinyl Alcohol. (VIII). Swelling of Perfectly Deesterified Polyvinyl Alcohol Films with Various Degrees of Polymerization. *ibid.*, **14**, 145.
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- Noboru MORI and Takeshi TANAKA : On the Demixing of the Solution of the Mixture of Polyvinyl Alcohol and its Derivatives. *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industries, Japan)*, **13**, 130.
- Waichiro TSUJI and Masazo IMAI : Studies on the Coefficient of Kinetic Friction of Fiber. *Kasen Koenshu (Reports of the Japan Institute for Research on Chemical Fibers, Kyoto Univ.)*, **14**, 53.
- Masayoshi ISHIBASHI, Tsunenobu SHIGEMATSU, Yuraku YAMAMOTO, Masayuki TABUSHI and Toyokichi KITAGAWA : Ultraviolet Spectrophotometric Determination of Iron(III) as Chloro-Complex. *Bulletin of the Chemical Society of Japan*, **30**, 432.
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- Hajime NARUMI and Shigeru MATSUO : A Note concerning the Electric Hexadecapole Moment of the First Excited ^{111}Cd Nucleus. *Nuovo Cimento*, **6**, 398.
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- Ryutaro ISHIWARI and Jun KOKAME : The Thin Lens β -Ray Spectrometer at the Institute for Chemical Research, Kyoto University. *Genshikaku Kenkyu (Nuclear Research)*, **2**, 130.
- Hideo TAKAKI, Masashige KOYAMA and Hidekiyo FUJIHIRA : Studies on Line Structures in Single Crystals of Tin. (IV). *Nippon Kinzokugaku Kaishi (Journal of the Japan Institute of Metals)*, **21**, 279.
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- Eiji SUITO, Masafumi ARAKAWA, Hiroshi HASEGAWA, and Yonemasa FURUZAWA : Electron Microscopic Studies on Fillers for Rubber. (IV). State of Rubber-Filler System at the Elongation. *Nippon Gomu Kyokaishi (Journal of the Society of Rubber Industry, Japan)*, **30**, 251.
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- Sumio NAGASAWA : Problems on the Breeding of Insects for Biological Assay of Insecticides. (IV). On the Increment of Size of Faecal Pellets following the Growth in Larva of the Gypsy Moth, *Lymantria dispar* L., *Botyu-Kagaku (Scientific Insect Control)*, **22**, 176.
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