

## List of the Articles Published in Other Journals (1960)

### Physical Chemistry

- R. H. OTTEWILL, M. C. RASTOGI and Akira WATANABE: The Stability of Hydrophobic Sols in the Presence of Surface-Active Agents. *Trans. Faraday Soc.*, 56, 854.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (I). The Stability of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, 170, 38.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (II). The Electrophoretic Behaviour of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, 170, 132.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (III). The Formation of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, 171, 33.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (IV). Some Consideration on the Coagulation of Sols of Small Spherical Particles under Conditions of Varying Ionic Strength and Surface Potential. *Kolloid Z.*, 173, 7.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation (V). The Coagulation of Sols of Silver Iodide Particles Coated with Tetradecyl Sulphate. *Kolloid Z.*, 173, 122.
- R. W. HORNE, R. H. OTTEWILL and Akira WATANABE: Studies on the Precipitation of Metallic Salts of Tetradecyl Sulphate. *Proceedings of the 3rd International Congress of Surface Activity, Cologne.*
- Tetsuya HANAI, Naokazu KOIZUMI, Takeo SUGANO and Rempei GOTOH: Dielectric Properties of Emulsion. (11). *Kolloid Z.*, 171, 20.
- Tetsuya HANAI: Theory of the Dielectric Dispersion Due to the Interfacial Polarization and its Application to Emulsions, *Kolloid Z.*, 171, 23.
- Rempei GOTOH, Tohru TAKENAKA and Soichi HAYASHI: Infrared Spectral Study of Oxidation of Liquid Paraffin. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, 63, 729.
- Rempei GOTOH and Tohru TAKENAKA: Inductive Effect of Polar Substituents on CH Stretching Vibrations of Aliphatic Hydrocarbons. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, 81, 1504.
- Rempei GOTOH and Hiroshi AIDA: Critical Conditions for Brittle Fracture of Asphalts in Extension. *Zairyo Shiken (Journal of the Japan Society for Testing Materials)*, 9, 331.
- Eiji SUITO and Kazuyoshi TAKIYAMA: Morphology and Crystal Habit of Various Barium Sulfate Precipitates. *Denshi Kembikyo (Electronmicroscopy)*, 8, 87.
- Keinosuke KOBAYASHI, Eiji SUITO and Shin-ichi SHIMADZU: A New High Voltage (350kV) Universal Electron Microscope and its Applications. *Fourth International Conference on Electron Microscopy*, 1, 165.
- Eiji SUITO and Natsu UYEDA: Electron Microscopic and Diffraction Studies of Superimposed Lamellar Crystals. *Fourth International Conference on Electron Microscopy*, 1, 355
- Eiji SUITO and Natsu UYEDA: Spiral Growth of Colloidal Gold and Moiré Fringe. *Nature*, 185, 453.
- Eiji SUITO and Natsu UYEDA: Spiral Growth of Lamellar Crystal of Colloidal Gold. *Journal of Electronmicroscopy*, 8, 25.
- Masafumi ARAKAWA and Eiji SUITO: The Measurement of Particle Size of Ultrafine Powders by Air Permeability Method. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, 63, 556.
- Akira SHIMADA: The Crystal Structure of Phenylarsonic Acid. *Bulletin of the Chemical Society of Japan*, 33, 301.

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- Keiiti SISIDO and Hitosi NOZAKI: Biogenetically Assigned Structure of Thujopsene and Hinoikiic Acid. *J. Org. Chem.*, **25**, 875.
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- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of  $\epsilon$ -Caprolactam from Acetylene. (I). Synthesis of Tetramethylene Chlorohydrin and Tetramethylene Chlorobromide. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 140.
- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of  $\epsilon$ -Caprolactam from Acetylene. (II). Synthesis of Ethyl  $\delta$ -Cyanovaleate, *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 145.
- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of  $\epsilon$ -Caprolactam from Acetylene. (III). Synthesis of  $\epsilon$ -Caprolactam from Ethyl  $\delta$ -Cyanovaleate. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 150.
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- Minoru OHNO, Masayuki HAMADA and Hirokazu Takahara; Synthesis of 3,4-Methylenedioxyphenyl Ethers and their Synergistic Activities on Pyrethrins and Allethrins. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 74.
- Minoru OHNO und Akikazu Hatanaka; Blätteralkohol und Blätteraldehyd. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 168.
- Shuji INAMASU, Yuzo INOUE and MINORU OHNO: A Novel Synthesis of  $\alpha$ -Methylmucoic Acid. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 108.
- H. M. WALBORSKY, Toshio SUGITA, Minoru OHNO and Yuzo INOUE: The Absolute Configuration of *trans*-Caronic and *cis* and *trans*-Umbellularic Acids. *J. Amer. Chem. Soc.*, **82**, 5255.
- Yuzo INOUE: Advances in Pyrethrum Chemistry. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 177.
- Akikazu HATANAKA, Masayuki HAMADA and Minoru OHNO: Darstellung von *n*-Hexin-1-olen und *n*-Hexen-1-olen. *Bull. Agr. Chem. Soc. Japan*, **24**, 115.
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- Katsuhiko ICHIKAWA and Hajime OUCHI: The Kinetics of the Demercuration Reaction of Benzyl- and Beta-(*p*-Methoxyphenyl)-ethylmercuric Acetate with Perchloric Acid. *J. Amer. Chem. Soc.*, **82**, 3876.
- Katsuhiko ICHIKAWA, Hajime OUCHI and Shigemitsu ARAKI: The Kinetics of the Decompositions of Ethylene-Mercuric Salt Addition Compounds with Hydrochloric Acid. *J. Amer. Chem. Soc.*, **82**, 3880.

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### Inorganic Materials

- Koichi TOYODA, Akira SHIMADA and Tetsuro TANAKA : Diffuse Scattering of X-Rays by Gamma Ray Irradiated Rochelle Salt. *Journal of the Physical Society of Japan*, **15**, 536.
- Osamu SABURI : Piezoresistivity in Semi-conductive Barium Titanates. *Journal of the Physical Society of Japan*, **15**, 733.
- Megumi TASHIRO, Naohiro SOGA and Sumio SAKKA : A Study of the Absorption Spectra of Cerium in Glasses. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 132.
- Megumi TASHIRO and Sumio SAKKA : Studies on the Mechanical Strength of the Photosensitive Opal Glass. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 158.
- Megumi TASHIRO, Naohiro SOGA and Sumio SAKKA : Behavior of Cerium Ions in Glasses Exposed to X-Rays. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 159.
- Megumi TASHIRO, Sumio SAKKA and Naohiro SOGA : Use of Ordinary Plate Glass as a Gamma-Ray Dosimeter. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 191.
- Megumi TASHIRO, Sumio SAKKA and Masamichi WADA : Mechanical Strength of Polycrystalline Materials. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 223.

### Analytical Chemistry

- Masayoshi ISHIBASHI, Tsunenobu SHIGEMATSU and Yasuharu NISHIKAWA : Studies on the Fluorometric Analysis. (XII). Fluorometric Determination of Aluminium by Extraction of its Pentachrome Blue Black R Complex with Amylalcobol. Application to the Analysis of Pure Aluminium. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 259.
- Tsunenobu SHIGEMATSU and Masayuki TABUSHI : Spectrophotometric Method for the Determination of Iron with Dibenzoylmethane. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 262.
- Tsunenobu SHIGEMATSU and Masayuki TABUSHI : Separation and Spectrophotometric Determination of Uranium by the Extraction of Dibenzoylmethane Chelate with Butyl Acetate. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 265.

### Biochemistry

- Kikuo OGIU, Hajime FUJIMURA and Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (I). 1,2-Diphenylethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 283.
- Hajime FUJIMURA and Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (II). N-Methyl-N-alkyl-1,2-diphenylethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 286.
- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (III). Substituted 1,2-Diphenylethylamine Derivatives. (1). *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 289.
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- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (V). 1,2-Diphenyl-2-hydroxyethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 295.
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- Hajime FUJIMURA and Yutaka YAMATAWA : Studies on Syntheses and Pharmacological Action of Optically Active 2-Dimethylaminoethyl 2,3-Diphenylpropionate. *Yakugaku Zasshi*

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- Hajime FUJIMURA and Kiyohisa KAWAI : Pharmacological Studies on Diphenylalkylamine Derivatives. (I). Comparative Studies of the Optical Isomers of 1,2-Diphenyl-1-dimethyl-aminoethane HCl. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 514.
- Hajime FUJIMURA, Kiyohisa KAWAI, Katsuya OHATA and Shoji SHIBATA : Pharmacologica Studies on Diphenylalkylamine Derivatives. (II). On the Action of 1-1,2-Diphenyl-1-dimethyl-aminoethane HCl (SPA). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 522.
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- Hajime FUJIMURA, Hideaki HIKITA and Takiko AKASHI : Writhing Syndrome and a Method of Testing Analgesia in Mice. (I). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 83 §.
- Hajime FUJIMURA, Hideaki HIKITA and Katsuya OHATA : On the Pharmacological Studies of Benzoylglycine Derivatives and their Related Compounds. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 162 §.
- Hajime FUJIMURA, Katsuya OHATA and Hideaki HIKITA : On the Pharmacological Studies of Benzoylglycine Derivatives and their Related Compounds (Continued). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 204 §.
- Hajime FUJIMURA, Hideaki HIKITA and Takiko AKASHI : Comparative Studies of Vilan (3,6-Dinicotinoyl-morphine HCl) and Morphine HCl. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 204 §.
- Tomoji SUZUKI, Sadaaki IWANAGA and Masatoshi SATAKE : Studies on Snake Venoms. (VI). Fractionation of Three Phosphodiesterase from Venom of Mamushi (*Aghkistrodon halys blomhoffi* Boie). *Yakugaku Zasshi (Journal of Pharmaceutical Society of Japan)*, 80, 857.
- Tomoji SUZUKI, Sadaaki IWANAGA and Masatoshi SATAKE : Studies on Snake Venoms. (VII). On the Properties of Three Phosphodiesterase Obtained from Mamushi Venom (*Aghkistrodon halys blomhoffi* Boie). *Yakugaku Zasshi (Journal of Pharmaceutical Society of Japan)*, 80, 861.
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- Osamu HAYAISHI, Shigeru KUNO, Minoru TASHIRO, Hiroshi TANIGUCHI, Hiromi YAMADA, Kengo HORIBATA, T. SAKAN, S. SENOH and T. TOKUYAMA : The Mechanism of Enzymatic Formation of Glutaric Acid from Kynurenic Acid. *Federation Proceedings*, 19, 15.
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- Tomoji SUZUKI, Katsuhiro IIZUKA, Yorihiro MURATA : Studies on Snake Venoms. (IX). On the Studies of Diphosphopyridine Nucleotidase in Snake Venom. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 80, 868.
- Tomoji SUZUKI, Sadaaki IWANAGA and Keiichi NITTA : Studies on Snake Venom. (XI). On the Hydrolysis of Cyclic Mononucleotides by Snake Venom. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 80, 1040.

### Nuclear Physics & Chemistry

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- Tsunenobu SHIGEMATSU and Toshiki OSHIO : Absorption of Cesium on Greensand. *Nippon En-Gakkaishi (Bulletin of the Society of Salt Science, Japan)*, 14, 185.

### High Polymers

- Ichiro SAKURADA and Yasuhiko NUKUSHINA : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (I). Measurement of Long-Period of Polyvinyl Alcohol Fibers Produced under Various Conditions of Heat Treatment. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 13.
- Ichiro SAKURADA and Yasuhiko NUKUSHINA : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (II). Change in Long-Period of Polyvinyl Alcohol Fibers with the Swelling. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 17.
- Ichiro SAKURADA, Yasuhiko NUKUSHINA and Zen-ichi ORIDO : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (III). Measurement of Long-Period of Polyvinyl Alcohol Fibers of Various Degrees of Elongation. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 18.
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- Ichiro SAKURADA and Shuji MATSUZAWA : Chemical Studies on the Effect of Radiation on Polyvinyl Alcohol. (II). The End Groups Formed by  $\gamma$ -Irradiation in Air of Dry Polyvinyl Alcohol Powder. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 689.
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