

## THESES

SHIMAKAWA, Yuichi

D Sc, Kyoto University

"Chemical and Structural Study of High-Tc Superconductor  $Tl_2Ba_2CuO_6$ "

Supervisor: Professor Bando Y

23 January 1993

IMAI, Masayuki

D Eng, Kyoto University

"Studies on Structure Formation Crystallization of Poly(ethylene terephthalate)"

Supervisor: Professor K. Kaji

23 March 1993

NANIWA, Yoshimitsu

D Pharm Sc, Kyoto University

"Studies on the Direct Asymmetric Synthesis Utilizing Optically Active Pyrrolidines"

Supervisor: Professor Fuji K

23 March 1993

MIKATA, Yuji

D Sc, Kyoto University

"Mechanism and Stereochemistry of the Hydride Transfer Reaction from NAD(P)H Models"

Supervisor: Professor Ohno A

23 March 1993

SHIRAKI, Takashi

D Pharm Sc, Kyoto University

"Studies on DNA Cleavage Reactions by a Hybrid Antitumor Antibiotic Dynemicin A"

Supervisor: Professor Sugiura Y

23 March 1993

ISHIHARA, Yuji

D Pharm Sc, Kyoto University

"Studies on Design and Synthesis of Non-Peptide Inhibitor for Angiotension II Receptor"

Supervisor: Professor Sugiura Y

23 March 1993

ITOH, Takahiro

D Eng, Kyoto University

"Structural Studies on Langmuir-Blodgett Films of Amphiphilic Cellulose Derivatives"

Supervisor: Professor Miyamoto T

24 March 1993

IWASAKI, Tatsuo

D Eng, Kyoto University

"Studies on Graft Copolymerization of Vinyl Monomers onto Nylon 6 Fibers"

Supervisor: Professor Miyamoto T

23 May 1993

OGURA, Kaoru

D Sc, Kyoto University

"Studies on Ion Transfer at the Aqueous/organic Interface in the Presence of Concentrated Salts and Neutral Ligands by Polarography at the Electrolyte Solution Dropping Electrode"

Supervisor: Professor Matsui M

24 May 1993

NAGAI, Kazuhiro

D Sc, Kyoto University

"Structural Changes and Formation Process of Three-Components Graphite-Intercalation-Compounds"

Supervisor: Professor Kobayashi T

23 July 1993

KATSURA, Yosuke

D Pharm Sc, Kyoto University

"Synthetic Studies of Heterocyclic Compounds with Anti-ulcer Activity"

Supervisor: Professor Fuji K

24 September 1992

HOSOI, Shinzou

D Pharm Sc, Kyoto University

"Chiral Syntheses of Aromatic Erythrina Alkaloids"

Supervisor: Professor Fuji K

24 November 1992

NISHIKAWA, Yasuhiko

D Sc, Kyoto University

"Studies on Separation and Retention Behavior of Pesticides by Supercritical Fluid Chromatography"

Supervisor: Professor Matsui M

24 November 1993

LIM, Young Hee

D Agr, Kyoto University

"Enzymological and Stereochemical Studies of Amino Acid Racemase"

Supervisor: Professor Soda K

24 November 1993

ADACHI, Tatsuhiko

D Eng, Kyoto University

"Studies on the Sol-Gel Preparation and Properties of Silica Gel and Glass"

Supervisor: Professor Sakka S

23 January 1994

JIN, Jisun

D Eng, Kyoto University

"Study on the Structure, Formation and Properties of Oxynitride Glasses"

Supervisor: Professor Sakka S

23 January 1994

MASUDA, Yoshio

D Eng, Kyoto University

"Study on the Preparation of High-Tc Oxide Superconductors by the Sol-Gel Method"

Supervisor: Professor Sakka S

23 January 1994

ABE, Hitoshi

D Pharm Sc, Kyoto University

"Studies on the Asymmetric Diels-Alder Reactions Using Optically Active Sulfinyl Compounds"

Supervisor: Professor Fuji K

24 January 1994

KUBO, Keiji

D Pharm Sc, Kyoto University



"Studies on Design and Synthesis of Competitive Drugs for Non-Peptide Typed Angiotension II Receptor"

Supervisor: Professor Sugiura Y  
24 January 1994

KOHRI, Masashiro

D Pharm Sc, Kyoto University

"Studies on Design and Synthesis of Condensed 7-Membered Compounds with Inhibitory Action for Angiotension-Converting Enzyme"

Supervisor: Professor Sugiura Y  
23 March 1994

YONEZAWA, Atsuo

D Pharm Sc, Kyoto University

"Studies on Interaction between DNA and Biologically Active Peptides or Proteins by Footprinting Methods"

Supervisor: Professor Sugiura Y  
23 March 1994

XU, Hai-jian

D Pharm Sc, Kyoto University

"Design and Synthesis of Untitumor Compounds"

Supervisor: Professor Fuji K  
23 March 1994

HIGAKI, Masato

D Sc, Kyoto University

"Stereochemistry of Sulfur-Stabilized Carbanion"

Supervisor: Professor Ohno A  
23 March 1994

HIROSAWA, Chitaru

D Eng, Kyoto University

"The Synthesis of Chiral Compounds by Use of Anchimeric Assistance of Sulfur"

Supervisor: Professor Tamao K  
23 March 1994

YAMAZAKI Hiroki

D Sc, Kyoto University

"Magnetic Interaction between Fe Layers in Fe/Noble Metal Multilayers"

Supervisor: Professor Shinjo T  
23 March 1994

WU Lianjun

D Sc, Kyoto University

"Structure and Magnetic Properties of Co/Au(001) Multilayers"

Supervisor: Professor Shinjo T  
23 March 1994

HAYAKAWA, Satoshi

D Eng, Kyoto University

"Spectroscopic Studies on Structure of Vanadium-Containing Oxide Crystals and Glasses"

Supervisor: Professor Sakka S  
23 March 1994

KIM, Sae-Hoon

D Eng, Kyoto University

"Studies on the Nonlinear Optical Properties of TeO<sub>2</sub> and Tellurite Glasses"

Supervisor: Professor Sakka S  
23 March 1994

TOKI, Motoyuki

D Eng, Kyoto University

"Preparation of Silica Glasses and Organically Modified Silica Gels via Sol-Gel Method"

Supervisor: Professor Sakka S  
23 March 1994

DONKAI, Nobuo

D Eng, Kyoto University

"Structure and Property of Inorganic Rod-Like Polymer, Imogolite"

Supervisor: Professor Miyamoto T  
23 March 1994

TANAKA, Toshiaki

D Sc, Kyoto University

"Characterization of Genes Specifically Expressed in Mammalian Ovaries in Estrous Cycle and Establishment of Functional Granulosa Cell Lines"

Supervisor: Professor Takahashi S  
23 March 1994

ENDO, Hideki

D Sc, Kyoto University

"Transcriptional Induction of the *Agrobacterium* Virulence Genes by Plant Factors"

Supervisor: Professor Oka A  
23 March 1994

KUBONO Koji

D Sc, Kyoto University

"Crystal Structure Analysis and Molecular Recognition of Cyclophosphazene Inclusion Compounds"

Supervisor: Professor Kobayashi T  
23 March 1994

NAKATANI, Takuji

D Agr, Kyoto University

"Generation and Characterization of Catalytic Antibodies for Stereoselective Ester Hydrolysis"

Supervisor: Professor Oda J  
23 May 1994

NAKATANI, Keiichi

D Agr, Kyoto University

"Studies on The Synthesis of DBU Analogues and Their Catalytic Activities"

Supervisor: Professor Oda J  
23 May 1994

FUJISAWA, Hiroshi

D Sc, Kyoto University

"A CW 4-Rod RFQ Linac"

Supervisor: Professor Inoue M  
23 May 1994

KIM, Dong Woon

D Agr, Kyoto University

"Thermostable Aspartate Aminotransferase from *Bacillus* sp. YM-2"

Supervisor: Professor Soda K  
23 May 1994

ONUKI, Toshihiko

D Sc, Kyoto University

"Migration Characteristics of Long-Lived Radionuclides of <sup>137</sup>Cs, <sup>90</sup>Sr and <sup>60</sup>Co in Soil"

Supervisor: Professor Matsui M  
23 May 1994

MIYAMOTO, Hisashi  
D Pharm Sc, Kyoto University  
"Direct Asymmetric Syntheses Using Optically Active Piperazines"

Supervisor: Professor Fuji K  
23 July 1994

IWASHITA, Yoshihisa  
D Sc, Kyoto University  
"Disk-and Washer Structure with Biperiodic Support"

Supervisor: Professor Inoue M  
24 September 1994

CHIHARA-SIOMI, Mikiko  
D Agr, Kyoto University  
"Characterization of the fragile X Syndrome Gene Products"

Supervisor: Professor Oda J  
24 November 1994

TACHINO, Hitoshi  
D Eng, Kyoto University  
"Structure and Properties of Ethylene Ionomers, Metal Salts of Poly(ethylene-co-methacrylic acid) and Poly(ethylene-co-acrylic acid)"

Supervisor: Professor Miyamoto T  
24 November 1994

HAYASHI, Nobuyuki  
D Eng, Kyoto University  
"Syntheses, Properties and Applications of Naphthalocyanines"

Supervisor: Professor Tamao K  
24 November 1994

IKEDA, Hisafumi  
D Pharm Sc, Kyoto University  
"Design of Functional Antisense Molecules with DNA-Cleaving Activity"

Supervisor: Professor Fuji K  
24 November 1994

YAHIRO, Kiyoshi  
D Pharm Sc, Kyoto University  
"Studies on the Memory of Chirality"

Supervisor: Professor Fuji K  
24 November 1994

GOTOH, Michimasa  
D Pharm Sc, Kyoto University  
"Studies on Conformational Analysis and Nucleophilic Additional Reaction of 6-Membered Compounds with Electron Attracting Groups"

Supervisor: Professor Sugiura Y  
24 November 1994

ISHIDA, Masaaki  
D Agr, Kyoto University  
"Threonine Production by Transformed Cells of Brevibacterium Bacteria"

Supervisor: Professor Soda K  
24 November 1994

SAKAMOTO, Yonekazu  
D Agr, Kyoto University  
"Properties, Structure and Industrial Production of Thermostable Alanine Dehydrogenase"

Supervisor: Professor Soda K  
24 November 1994