

THESES

- AHN, Young-Ock
D Agr, Kyoto University
“A New Class of Glycosidases Specific to Disaccharide Glycosides”
Supervisor: Prof SAKATA, Kanzo
24 January 2005
- FADIL, Hicham
D Sc, Kyoto University
“Electron Cooling of Hot Ion Beams”
Supervisor: Prof NODA, Akira
23 March 2005
- HAYASHIDA, Morihiro
D Inf, Kyoto University
“Computational Analysis and Inference of Protein-Protein Interactions from Domain Information”
Supervisor: Prof AKUTSU, Tatsuya
23 March 2005
- IGARASHI, Yoshinobu
D Sc, Kyoto University
“The Evolutionary Repertoires of the Eukaryotic-Type ABC Transporters in Terms of the Phylogeny of ATP-binding Domains in Eukaryotes and Prokaryotes”
Supervisor: Prof KANEHISA, Minoru
23 November 2005
- IKEGAMI, Masahiro
D Sc, Kyoto University
“Beam Dynamics in a Dispersionless Ion Storage Ring”
Supervisor: Prof NODA, Akira
23 March 2005
- KAJIWARA, Takashi
D Sc, Kyoto University
“Studies on the Synthesis and Properties of Boron-stabilized Silyl Anions Utilizing Overcrowded Silylboranes”
Supervisor: Prof TOKITOH, Norihiro
23 March 2005
- KAWAKAMI, Simpei
D Pharm Sc, Kyoto University
“Asymmetric Carbon-Carbon Bond Formation Based on Memory of Chirality”
Supervisor: Prof KAWABATA, Takeo
23 March 2005
- KIWADA, Tatsuto
D Pharm Sc, Kyoto University
“Reversible Control of Helix Structure by External Stimuli and the Application as Functional Devices”
Supervisor: Prof SUGIURA, Yukio
23 March 2005
- KOH, Kyoungmoo
D Eng, Kyoto University
“Precision Design of Organic/Inorganic Hybrid Materials by Living Radical Polymerization”
Supervisor: Prof FUKUDA, Takeshi
23 March 2005
- KOJIMA, Masaaki
D Eng, Kyoto University
“Devulcanization and Recycling of Cross-Linked Natural Rubber Using Supercritical Carbon Dioxide”
Supervisor: Prof KOHJIYA, Shinzo
26 September 2005
- KOSHINO, Masanori
D Sc, Kyoto University
“Electronic Structure Analysis of π -conjugated Organic Molecules by Electron Energy Loss Spectroscopy and Theoretical Interpretation of Local Atomic Site”
Supervisor: Prof ISODA, Seiji
23 March 2005
- KOTERA, Masaaki
D Sc, Kyoto University
“Computational Assignment of the EC Numbers for Genomic-scale Analysis of Enzymatic Reaction”
Supervisor: Prof KANEHISA, Minoru
23 November 2005
- KURATA, Atsushi
D Agr, Kyoto University
“Studies of Novel Enzyme Catalyzing Asymmetric Reduction of 2-Chloroacrylic Acid”
Supervisor: Prof ESAKI, Nobuyoshi
23 March 2005
- KUSUMOTO, Tomokazu
D Pharm Sc, Kyoto University
“Coloration of Molecular Information by Functional Phenolphthaleins”
Supervisor: Prof KAWABATA, Takeo
23 March 2005
- KWAK, Mi-Sun
D Agr, Kyoto University
“Studies of Protein Systems Depending on Cysteine Desulfurase and Selenocysteine Lyase”
Supervisor: Prof ESAKI, Nobuyoshi
25 July 2005
- LEE, Yangsoo
D Eng, Kyoto University
“Studies on Synthesis, Properties, and Reactions of Alkylated Fullerene Cations”
Supervisor: Prof KOMATSU, Koichi
23 March 2005
- MASAI, Hirokazu
D Eng, Kyoto University
“Studies on the Organically-Modified Polysiloxane Low-Melting Glasses”
Supervisor: Prof YOKO, Toshinobu
21 May 2005

- MORI, Ryohei
D Eng, Kyoto University
“Preparation and Photoelectrochemical/Photocatalytic Properties of Sol-Gel Derived TiO₂ Thin Film with Spinodal Phase Separation Structure”
Supervisor: Prof YOKO, Toshinobu
21 May 2005
- MURAMATSU, Hisashi
D Agr, Kyoto University
“Studies of Enzymes Useful for Production of Optically Active *N*-Alkyl Amino Acids and Cyclic Imino Acids”
Supervisor: Prof ESAKI, Nobuyoshi
23 March 2005
- NAGAI, Yasuharu
D Sc, Kyoto University
“Mechanisms and Kinetics of Noncatalytic Ether Reaction in Supercritical Water”
Supervisor: Prof NAKAHARA, Masaru
23 May 2005
- NAITO, Kanako
D Sc, Kyoto University
“Iron Uptake by Eukaryotic Phytoplankton under Iron-Deficient Conditions”
Supervisor: Prof SOHRIN, Yoshiaki
23 March 2005
- NAKASE, Ikuhiko
D Pharm Sc, Kyoto University
“Internalization Mechanisms of Basic Peptide Vectors and Intracellular Delivery of Bioactive Molecules”
Supervisor: Prof SUGIURA, Yukio
23 March 2005
- NOMURA, Wataru
D Pharm Sc, Kyoto University
“Investigation of Effects of the Linker Region of Zinc Finger Proteins on DNA Binding”
Supervisor: Prof SUGIURA, Yukio
23 March 2005
- OGAWA, Kohei
D Eng, Kyoto University
“Synthesis and Properties of Novel Hydrocarbons Containing Rigid Cage Frameworks”
Supervisor: Prof KOMATSU, Koichi
23 March 2005
- POOMPRADUB, Sirilux
D Eng, Kyoto University
“Structure and Physical Properties of Natural Rubber Based Composite Materials”
Supervisor: Prof KOHJIYA, Shinzo
26 September 2005
- SAITO, Shigeki
D Agr, Kyoto University
“Studies on (+)-Abscisic Acid 8'-Hydroxylase, a Key Enzyme in the Catabolism of Abscisic Acid”
Supervisor: Prof SAKATA, Kanzo
23 May 2005
- SHIMOTOYODOME, Akira
D Agr, Kyoto University
“Physiological Studies of Colonic Mucus Secretion in Rats”
Supervisor: Prof ESAKI, Nobuyoshi
24 November 2005
- SHINOHARA, Akihiro
D Sc, Kyoto University
“Systematic Studies on the Kinetically Stabilized Silaaromatic Compounds”
Supervisor: Prof TOKITOH, Norihiro
23 March 2005
- TAJIMA, Tomoyuki
D Sc, Kyoto University
“Studies on the Synthesis and Properties of Metallacyclopentadienes Using Dilithiometalloenes”
Supervisor: Prof TOKITOH, Norihiro
23 March 2005
- TAKAJO, Daisuke
D Sc, Kyoto University
“Studies on Initial Stage of Multi-layer Growth of Organic Molecules by Scanning Tunneling Microscopy”
Supervisor: Prof ISODA, Seiji
23 March 2005
- TANAKA, Hiroyuki
D Pharm Sc, Kyoto University
“Studies on Synthesis and Function of 1,4-Connected Oligonaphthalenes”
Supervisor: Prof KAWABATA, Takeo
23 March 2005
- YAMANISHI, Yoshihiro
D Sc, Kyoto University
“Development of Methods for Analyzing the Correlation between Heterogeneous Genomic Data and Their Application to Inferring Protein Network”
Supervisor: Prof KANEHISA, Minoru
23 November 2005
- YOSHIMUNE, Kazuaki
D Agr, Kyoto University
“Studies on Biochemistry and Application of Hsp70 Family Proteins”
Supervisor: Prof ESAKI, Nobuyoshi
23 March 2005
- YOSHIOKA, Taiyo
D Eng, Kyoto University
“Morphological Studies on High-Speed-Spun Fibers of Aromatic Polyesters”
Supervisor: Prof KOHJIYA, Shinzo
23 March 2005
- YOW, Geok-Yong
D Agr, Kyoto University
“Enzymological Studies of D-Amino Acid *N*-Acetyltransferase from *Saccharomyces cerevisiae*”
Supervisor: Prof ESAKI, Nobuyoshi
23 March 2005