

THESES

MASAOKA, Sei

D Sc, Kyoto University

“On the operation mechanism of the helium-filled proportional counter at low temperatures (~ 4.2 K)”

Supervisor: Assoc Prof ITO, Yoshiaki

23 January 2001

OHIRA, Yasumasa

D Eng, Kyoto University

“Studies of Spontaneous Crystallization of the Planar Zigzag Form of Syndiotactic Polypropylene and Its Structural Changes”

Supervisor: Prof HORII, Fumitaka

23 January 2001

ARAKI, Michihiro

D Pharm Sci, Kyoto University

“Studies on Regulation Mechanism of Ribozyme Reaction by Allosteric Interaction”

Supervisor: Prof SUGIURA, Yukio

23 March 2001

EJAZ Muhammad

D Eng, Kyoto University

“Controlled Surface Grafting of Well-Defined Polymers by Living Radical Polymerization Techniques”

Supervisor: Prof FUKUDA, Takeshi

23 March 2001

FUJITA, Masahiro

D Eng, Kyoto University

“Folded-Chain Structure of Polymer Single Crystals as Revealed by Transmission Electron Microscopy”

Supervisor: Prof KOHJIYA, Shinzo

23 March 2001

GOTO, Atsushi

D Eng, Kyoto University

“Kinetic Studies on Living Radical Polymerizations with Particular Reference to Activation Processes”

Supervisor: Prof FUKUDA, Takeshi.

23 March 2001

HONG, Seung-Pyo

D Agr, Kyoto University

“Studies of Thermostable Enzymes from Symbiotic Thermophiles Isolated from Compost”

Supervisor: Prof ESAKI, Nobuyoshi

23 March 2001

KAKIUCHI, Munetaka

D Eng, Kyoto University

“Viscoelastic Properties of Poly(Vinyl Chloride) Gels and Sols”

Supervisor: Prof OSAKI, Kunihiro

23 March 2001

KAWAMURA, Takanobu

D Eng, Kyoto University

“Structure and Physicochemical Properties of End-linked Polymer Networks”

Supervisor: Prof KOHJIYA, Shinzo

23 March 2001

LIANG, Yajie

D Sc, Kyoto University

“Genome Structure of the Hairy-root-inducing Plasmid pRiA4b”

Supervisor: Prof OKA, Atsuhiko

23 March 2001

MASUDA, Kenji

D Eng, Kyoto University

“Studies on Structure and Hydrogen Bonding of Poly(vinyl alcohol) and Its Related Polymer by Solid-State ¹³C and ¹H NMR Spectroscopy”

Supervisor: Prof HORII, Fumitaka

23 March 2001

MATSUO, Takashi

D Sc, Kyoto University

“A Kinetic Study on Reaction Mechanism of Serine Proteases from the Viewpoint of Fluctuation of Enzyme”

Supervisor: Assoc Prof NAKAMURA Kaoru

23 March 2001

MATSUURA, Akira

D. Eng, Kyoto University

“Synthesis and Properties of Novel Cyclic π -Conjugated Hydrocarbons with σ - π Interaction”

Supervisor: Prof KOMATSU, Koichi

23 March 2001

ODA, Seiji

D Sc, Kyoto University

“Stereoselectivity in the Redox Reaction and the Alkylation of NAD(P)(H) Model Compounds”

Supervisor: Prof TOKITOH Norihiro

23 March 2001

OHGISHI, Maki

D Sc, Kyoto University

“Functional Analysis of the Transcription Factor ATHB-2, a Regulator of Photomorphogenesis”

Supervisor: Prof OKA, Atsuhiko

23 March 2001

RYU, Deug-Soo

D Eng, Kyoto University

“Rheo-Optical Studies in Elongation Process”

Supervisor: Prof OSAKI, Kunihiro

23 March 2001

SAKAI, Hiroe

D Sc, Kyoto University

“Studies on the Response Regulators of Two-component Regulatory System Involved in *Arabidopsis* Cytokinin Signal Transduction”

Supervisor: Prof OKA, Atsuhiko

23 March 2001

SHINTANI (URAKABE), Eriko

D Sci, Kyoto University

“Spot Scanning Using Radioactive ¹¹C Beams for Heavy-Ion Radiotherapy”

Supervisor: Prof NODA, Akira
23 March, 2001

TOKUDA, Yomei
D Eng, Kyoto University
“Studies on the structure and properties of glasses as photonics materials”
Supervisor: Prof YOKO, Toshinobu
23 March 2001

TSUJI, Hayato
D Eng, Kyoto University
“Synthesis and Photophysical Properties of Oligosilanes Conformationally Constrained by Methylene Tethers”
Supervisor: Prof TAMAO, Kohei
23 March 2001

UO, Takuma
D Agr, Kyoto University
“Enzymological Studies of D-Amino Acid Metabolism in Eucaryotes”
Supervisor: Prof ESAKI, Nobuyoshi
23 March 2001

YOSHIDA, Kaname
D Sci, Kyoto University
“Structure and Multilayer Formation of Oriented Organic Thin Films with One-dimensional Electronic System”
Supervisor: Prof KOBAYASHI, Takashi
23 March 2001

TADA, Masaru
D Sci, Kyoto University
“Coherent Time Evolution of Highly Excited Rydberg States in Pulsed Electric Field: Opening a Stringent Way to Selectively Field-ionize the Highly Excited States”
Supervisor: Prof MATSUKI, Seishi
24 March 2001

FURUBAYASHI, Yutaka
D Sc, Kyoto University
“Preparation of single-crystal thin films of spin-ladder compounds”
Supervisor: Prof TAKANO, Mikio
May 23, 2001

MAEDA, Hirofumi
D Eng, Kyoto University
“Novel Intramolecular Rearrangements of Functionalized Silyllithiums”
Supervisor: Prof TAMAO, Kohei
23 May 2001

MATSUBA, Go
D Eng, Kyoto University
Structure Formation Prior to Crystallization of Polymers
Supervisor: Prof KAJI, Keisuke
23 May 2001

TAKESHITA, Hiroki
D Eng, Kyoto University
Hierarchic Structure of Poly(vinyl alcohol) Gels As Revealed by Scattering Techniques

Supervisor: Prof KAJI, Keisuke
23 May 2001

CHU, Dong
D Med Sc, Kyoto University
“Cloning and characterization of LUN, a novel RING-finger protein that is highly expressed in lung and specifically binds to a palindromic sequence”
Supervisor: Prof UEDA, Kunihiro
23 May 2001

FUJIWARA, Eiichi
D Sci, Kyoto University
“Two-dimensional Packing Efficiency and Epitaxial Modes of Organic Molecular Layers”
Supervisor: Prof ISODA, Seiji
23 July 2001

INABA, Yoshikazu
D Sc, Kyoto University
“Reduction of Nitroalkenes with Biocatalyst”
Supervisor: Assoc Prof NAKAMURA Kaoru
23 July 2001

McNamee, Cathy Elizabeth
D. Sc., Kyoto University
“Atomic Force Microscopy and Electrokinetics Studies for Silica Surfaces Modified with a Polyelectrolyte and Surfactants in Water and in Ethanol”
Supervisor: Dr MATSUMOTO, Mutsuo and Prof NAKAHARA, Masaru
25 September 2001

HAYASHI, Naoaki
D Sc, Kyoto University
“Preparation and Properties of thin films of perovskite-type oxides containing iron in an unusually high valence state of Fe⁴⁺”
Supervisor: Prof TAKANO, Mikio
25 September 2001

MINAKUCHI, Masayoshi
D Med Sc, Kyoto University
“Molecular cloning and initial characterization of SEB, a novel protein that binds to the acute undifferentiated leukemia-associated protein SET”
Supervisor: Prof UEDA, Kunihiro
23 July 2001

NISHIDA, Koji
D Eng, Kyoto University
Structure of Polyelectrolyte Solutions
Supervisor: Prof KAJI, Keisuke
25 September 2001

KAGAYAMA, Akifumi
D. Eng, Kyoto University
“Studies on Pinacol and Aldol Reactions Promoted by Low-Valent Titanium Reagents and on Haloalkylation Reactions of Esters”
Supervisor: Prof KOMATSU, Koichi
26 November 2001