

[2002]

- [5] "Structural Development of Natural Rubber during Uniaxial Stretching by in situ Wide Angle X-Ray Diffraction Using a Synchrotron Radiation"
S. Murakami, K. Senoo, S. Toki, S. Kohjiya
Polymer, **43**, (2002), 2117–2120
- [6] "New Insights into Structural Development in Natural Rubber during Uniaxial Deformation by In situ Synchrotron X-Ray Diffraction"
S. Toki, I. Sics, S. Ran, L. Liu, Benjamin S. Hsiano, S. Murakami, K. Senoo, S. Kohjiya
Macromolecules, **35**, (2002), 6578–6584
- [2003]
- [7] "An X-Ray Diffraction Study on Early Structural Changes in Skeletal Muscle Contraction"
N. Yagi
Biophysical Journal, **84**, (2003), 1093–1102
- [8] "Changes in Photoluminescence of SrS:Ce Induced by Synchrotron Radiation"
F. Sato, T. Nakamura, K. Tanaka, S. Aihara, N. Saito, K. Inoue, N. Yagi, J. Mizuki
Journal of Vacuum Science & Technology A, **21**, (2003), 14–18
- [2004]
- [9] "Detection Limits of Trace Elements for Wavelength Dispersive Total X-Ray Fluorescence under High Flux Synchrotron Radiation"
N. Awaji, M. Takemura, S. Ozaki, J. Iihara, K. Inoue, N. Yagi, S. Komiya, K. Nomura, S. Doi, Y. Kamimuta, M. Takahashi, K. Miyatake, N. Yamazaki
Japanese Journal of Applied Physics, **43**, (2004), 1644–1648
- [10] "X-ray Diffraction from a Left Ventricular Wall of Rat Heart"
N. Yagi, J. Shimizu, S. Mohri, J. Araki, K. Nakamura, H. Okuyama, H. Toyota, T. Morimoto, Y. Morizane, M. Kurusu, T. Miura, K. Hashimoto, K. Tsujioka, H. Suga, F. Kajiyama
Biophysical Journal, **86**, (2004), 2286–2294

BL40B2

Refereed Journals

[1999]

- [1] "Crystallization and Preliminary X-ray Diffraction Studies of C4-form Phosphoenolpyruvate Carboxylase from Maize."
H. Matsumura
Acta Crystallographica Section D, **55**, (1999), 1937–1938
- [2000]
- [2] "Crystallization of the F41 Fragment of Flagellin and Data Collection from Extremely Thin Crystals"
Fadel A. Samatey, K. Imada, F. Vonderviszt, Y. Shirakihara, K. Namba
Journal of Structural Biology, **132**, (2000), 106–111
- [2001]
- [3] "Crystal Structure of *cis*-Prenyl Chain Elongating Enzyme, Undecaprenyl Diphosphate Synthase"
M. Fujihashi, Y. Zhang, Y. Higuchi, X. Li, T. Koyama, K. Miki
Proceedings of the National Academy of Sciences of the United States of America, **98**, (2001), 4337–4342
- [4] "Crystal Structure of Thermostable DNA Photolyase: Pyrimidine-Dimer Recognition Mechanism"
H. Komori, R. Masui, S. Kuramitsu, S. Yokoyama, T. Shibata, Y. Inoue, K. Miki
Proceedings of the National Academy of Sciences of the United States of America, **98**, (2001), 13560–13565
- [5] "Crystallization and Preliminary X-Ray Studies of a Thermostable DNA Photolyase from *Thermus thermophilus* HB8"
H. Komori, H. Tsujiuchi, R. Masui, S. Kutamitsu, S. Yokoyama, T. Shibata, Y. Inoue, K. Miki
Protein and Peptide Letters, **8**, (2001), 495–498
- [6] "Purification and Crystallization of Japanese Pear S-RNase Associated with Gametophytic Self-Incompatibility"
T. Matsuura, M. Unno, H. Sakai, T. Tsukihara, S. Norioka
Acta Crystallographica Section D, **57**, (2001), 172–173

- [7] "Crystallization and Preliminary X-Ray Diffraction Analysis of NADP-Dependent Glyceraldehyde-3-Phosphate Dehydrogenase of *Synechococcus* PCC 7942"
 Y. Nakamura, T. Tada, K. Wada, T. Kinoshita, M. Tamoi, S. Shigeoka, K. Nishimura
Acta Crystallographica Section D, **57**, (2001), 879–881
- [8] "Crystal Structure of *meso*-2,3-Butanediol Dehydrogenase in a Complex with NAD⁺ and Inhibitor Mercaptoethanol at 1.7 Å Resolution for Understanding of Chiral Substrate Recognition Mechanisms"
 M. Otagiri, G. Kurisu, S. Ui, Y. Takusagawa, M. Ohkuma, T. Kudo, M. Kusunoki
The Journal of Biochemistry, **129**, (2001), 205–208
- [9] "Crystallization and Preliminary X-ray Studies of *meso*-2,3-Butanediol Dehydrogenase from *Klebsiella pneumoniae* IAM1063"
 M. Otagiri, G. Kurisu, S. Swaminathan, S. Ui, S. Yoneda, M. Ohkuma, T. Kudo, M. Kusunoki
Acta Crystallographica Section D, **D57**, (2001), 857–859
- [10] "Polysaccharide-Polynucleotide Complexes. 2. Complementary Polynucleotide Mimic Behavior of the Natural Polysaccharide: Schizophyllan in the Macromolecular Complex with Single-Stranded RNA and DNA"
 K. Sakurai, M. Mizu, S. Shinkai
Biomacromolecules, **2**, (2001), 641–650
- [11] "A Hexagonally Organized Elemental Supramolecular Structure of a Sugar-Appended Organogelator Observed by Synchrotron X-Ray Source (SPring-8)"
 K. Sakurai, T. Kimura, O. Gronwald, K. Inoue, S. Shinkai
Chemistry Letters, **2001**, (2001), 746–747
- [12] "Role of Non-Glycine Residues in Left-Handed Helical Conformation for the Conformational Stability of Human Lysozyme"
 K. Takano, Y. Yamagata, K. Yutani
Proteins: Structure, Function, and Genetics, **44**, (2001), 233–243
- [13] "Role of Amino Acid Residues in Left-handed Helical Conformation for the Conformational Stability of a Protein"
 K. Takano, Y. Yamagata, K. Yutani
Proteins: Structure, Function, and Genetics, **45**, (2001), 274–280
- [14] "Crystallization and Preliminary X-Ray Analysis of Catalase-Peroxidase from the Halophilic Archeon *Haloartula marismortui*"
 N. Tanaka, Y. Yamada, N. Igarashi, S. Saijo, T. Sato, H. Usui, T. Fujiwara
Acta Crystallographica Section D, **D57**, (2001), 1157–1158
- [15] "Performance of a Micro-Strip Gas Chamber in Solution X-Ray Scattering"
 H. Toyokawa, T. Fujisawa, Y. Inoko, T. Nagayoshi, Y. Nishi, Y. Nishikawa, A. Ochi, M. Suzuki, T. Tanimori
Nuclear Instruments and Methods in Physics Research Section A, **467–468**, (2001), 1144–1147
- [16] "Crystal Structure of the Archaeal Holliday Junction Resolvase Hjc and Implications for DNA Recognition"
 T. Nishino, K. Komori, D. Tsuchiya, Y. Ishino, K. Morikawa
Structure, **9**, (2001), 197–204
- [17] "Atomic Structure of the Clamp Loader Small Subunit from *Pyrococcus furiosus*"
 T. Oyama, Y. Ishino, Isaac K. O. Cann, S. Ishino, K. Morikawa
Molecular Cell, **8**, (2001), 455–463
- [2002]
- [18] "Atomic Resolution Structures of Oxidized [4Fe–4S] Ferredoxin from *Bacillus thermoproteolyticus* in Two Crystal Forms: Systematic Distortion of [4Fe–4S] Cluster in the Protein"
 K. Fukuyama, T. Okada, Y. Kakuta, Y. Takahashi
Journal of Molecular Biology, **315**, (2002), 1155–1166
- [19] "Positive Contribution of Hydration Structure on the Surface of Human Lysozyme to the Conformational Stability"
 J. Funahashi, K. Takano, Y. Yamagata, K. Yutani
The Journal of Biological Chemistry, **277**, (2002), 21792–21800
- [20] "*Escherichia coli* B γ-Glutamylcysteine Synthetase: Modification, Purification, Crystallization and Preliminary Crystallographic Analysis"
 T. Hibi, H. Hisada, T. Nakatsu, H. Kato, J. Oda
Acta Crystallographica Section D, **58**, (2002), 316–318

- [21] "Trimeric Crystal Structure of the Glycoside Hydrolase Family 42 Beta-Galactosidase from *Thermus thermophilus* A4 and the Structure of Its Complex with Galactose"
M. Hidaka, S. Fushinobu, N. Ohtsu, H. Motoshima, H. Matsuzawa, H. Shoun, T. Wakagi
Journal of Molecular Biology, **322**, (2002), 79–91
- [22] "Structural Hierarchy of Several Proteins Observed by Wide-Angle Solution Scattering"
M. Hirai, H. Iwase, T. Hayakawa, K. Miura, K. Inoue
Journal of Synchrotron Radiation, **9**, (2002), 202–205
- [23] "Three-Dimensional Structure of *Bacillus stearothermophilus* Neopullulanase"
H. Hondoh, T. Kuriki, Y. Matsuura
Biologia, Brastilava Section C, **57/Suppl.**, (2002), 77–82
- [24] "Crystal Structure of the Extracellular Domain of Mouse RANK Ligand at 2.2-Å Resolution"
S. Ito, K. Wakabayashi, O. Ubuakata, S. Hayashi, F. Okada, T. Hata
The Journal of Biological Chemistry, **277**, (2002), 6631–6636
- [25] "Crystallization and Preliminary X-ray Diffraction Studies of HutP Protein: an RNA-Binding Protein that Regulates the Transcription of *hut* Operon in *Bacillus subtilis*"
Thirumanenseri S. Kumarevel, Z. Fujimoto, B. Padmanabhan , P. Oda, S. Nishikawa, H. Mizuno, Penmecha K. R. Kumar
Journal of Structural Biology, **138**, (2002), 237–240
- [26] "Ultrahigh-Resolution Structure of High-Potential Iron-Sulfur Protein from *Thermochromatium Tepidum*"
L. Liu, T. Nogi, M. Kobayashi, T. Nozawa, K. Miki
Acta Crystallographica Section D, , (2002), 1085–1091
- [27] "Specific Damage Induced by X-Ray Radiation and Structural Changes in the Primary Photoreaction of Bacteriorhodopsin"
Y. Matsui, K. Sakai, M. Murakami, Y. Shiro, S. Adachi, H. Okumura, T. Kouyama
Journal of Molecular Biology, **324**, (2002), 469–481
- [28] "Crystal Structure of C4 Form Maize and Quaternary Complex of E.coli Phosphoenolpyruvate Carboxylases."
H. Matsumura
Structure, **10**, (2002), 1721–1730
- [29] "Structural Study of the Cleavage and the Sequence-Specific Recognition of the Double-Stranded DNA Substrate by VMA1-Derived Endonuclease"
S. Miyamoto
Doctor Thesis (The University of Tokyo), , (2002),
- [30] "Crystal Structure of Activated Ribulose-1,5-bisphosphate Carboxylase/Oxygenase from Green Alga Chlamydomonas reinhardtii Complexed with 2-Carboxyarabinitol-1,5-bisphosphate"
E. Mizohata
Journal of Molecular Biology, **316**, (2002), 679–691
- [31] "Protein-Splicing Reaction via a Thiazolidine Intermediate: Crystal Structure of the VMA1-Derived Endonuclease Bearing the N- and C-Terminal Propeptides"
R. Mizutani, S. Nogami, M. Kawasaki, Y. Ohya, Y. Anraku, Y. Satow
Journal of Molecular Biology, **316**, (2002), 919–929
- [32] "Structure of the Carboxyl-Terminal Src Kinase, Csk"
A. Ogawa, Y. Takayama, H. Sakai, K. Chong, S. Takeuchi, A. Nakagawa, S. Nada, M. Okada, T. Tsukihara
The Journal of Biological Chemistry, **277**, (2002), 14351–14354
- [33] "Light-Induced Unfolding of Photoactive Yellow Protein Mutant M100L"
J. Sasaki, M. Kumauchi, N. Hamada, T. Oka, F. Tokunaga
Biochemistry, **41**, (2002), 1915–1922
- [34] "Substrate-Induced Conformational Change of a Coenzyme B₁₂-Dependent Enzyme: Crystal Structure of the Substrate-Free Form of Diol Dehydratase"
N. Shibata, J. Masuda, Y. Morimoto, N. Yasuoka, T. Toraya
Biochemistry, **41**, (2002), 12607–12617
- [35] "Crystal Structure of Rat Heme Oxygenase-1 in Complex with Heme Bound to Azide: Implication for Regiospecific Hydroxylation of Heme at Alpha-Meso Carbon"
M. Sugishima, H. Sakamoto, Y. Higashimoto, Y. Omata
The Journal of Biological Chemistry, **277**, (2002), 45086–45090
- [36] "The 2.0 Å Crystal Structure of Catalase-Peroxidase from *Haloarcula marismortui*"
Y. Yamada, T. Fujiwara, T. Sato, N. Igarashi, N. Tanaka
Nature Structural Biology, **9**, (2002), 691–695

- [37] "The Crystal Structure of Coenzyme B₁₂-Dependent Glycerol Dehydratase in Complex with Cobalamin and Propane-1,2-diol"
 M. Yamanishi, M. Yunoki, T. Tobimatsu, H. Sato, J. Matsui, A. Dokiya, Y. Iuchi, K. Oe, K. Suto, N. Shibata, Y. Morimoto, N. Yasuoka, T. Toraya
European Journal of Biochemistry, **269**, (2002), 4484–4494
- [38] "Self-Organized Structures of Hydrogen Bonded Poly(4-vinylphenol) – Tertiary Amino Lipid Mixtures"
 I. Akiba, K. Sakurai
e-Polymers (online <http://www.e-polymers.org>), , (2002), 1–6
- [39] "Conformational Strictness Required for Maximum Activity and Stability of Bovine Pancreatic Ribonuclease A as Revealed by Crystallographic Study of Three Phe120 Mutants at 1.4 Å Resolution"
 E. Chatani, R. Hayashi, H. Moriyama, T. Ueki
Protein Science, **11**, (2002), 72–81
- [40] "Hexameric Ring Structure of the ATPase Domain of the Membrane-Integrated Metalloprotease FtsH from *Thermus thermophilus HB8*"
 H. Niwa, D. Tsuchiya, H. Makio, M. Yoshida, K. Morikawa
Structure, **10**, (2002), 1415–1423
- [41] "Structural Views of the Ligand-Binding Cores of a Metabotropic Glutamate Receptor Complexed with an Antagonist and Both Glutamate and Gd³⁺"
 D. Tsuchiya, N. Kunishima, N. Kamiya, H. Jingami, K. Morikawa
Proceedings of the National Academy of Sciences of the United States of America, **99**, (2002), 2660–2665
- [2003]
- [42] "Mesomorphic Organization and Phase Diagram of Mixtures of Polymer Terminated with Ionic Group and Oppositely Charged Surfactant"
 I. Akiba, Y. Jeong, K. Sakurai
Macromolecules, **36**, (2003), 8433–8439
- [43] "Nanoorganization of Reactive Mixtures of Mid-Functional Polystyrene with End-Functional Oligomer"
 I. Akiba, K. Nomura, K. Shikasho, Y. Jeong, K. Sakurai
Macromolecules, , (2003), 8890–8893
- [44] "Cross-Beta Order and Diversity in Nanocrystals of an Amyloid-Forming Peptide"
 R. Diaz-Avalos, C. Long, E. Fontano, M. Balbirnie, R. Grothe, D. Ensenberg, Donald L. D. Caspar
Journal of Molecular Biology, **330**, (2003), 1165–1175
- [45] "Bilayer Structure of Ganglioside/Cholesterol Mixed System in the Presence of Ca²⁺"
 T. Hayakawa, M. Hirai
Journal of Applied Crystallography, **36**, (2003), 489–493
- [46] "Direct Evidence of Nucleation During the Induction Period of Polyethylene Crystallization by SAXS,"
 M. Hikosaka, S. Yamazaki , I. Wataoka, Narayan Ch. Das, K. Okada, A. Toda, K. Inoue
Journal of Macromolecular Science, Part B-Physics, **42**, (2003), 847–865
- [47] "Three-Dimensional Structure and Substrate Binding of *Bacillus stearothermophilus* Neopullulanase"
 H. Hondoh, T. Kuriki, Y. Matsuura
Journal of Molecular Biology, **326**, (2003), 177–188
- [48] "Variation of Microfibril Angles and Chemical Composition: Implication for Functional Properties"
 R. Hori, H. Suzuki, T. Kamiyama, J. Sugiyama
Journal of Materials Science Letters, **22**, (2003), 963–966
- [49] "Mechanism of Metal Activation of Human Hematopoietic Prostaglandin D Syntase"
 T. Inoue
Nature Structural Biology, **10**, (2003), 291–296
- [50] "Archaeal ADP-Dependent Phosphofructokinase: Expression, Purification, Crystallization and Preliminary Crystallographic Analysis"
 J. Jeong, S. Fushinobu, S. Ito, H. Shoun, T. Wakagi
Acta Crystallographica Section D, **59**, (2003), 1327–1329
- [51] "Two Different Molecular Conformations Found in Chitosan Type II Salts"
 A. Lertworasirikul, S. Tsue, K. Noguchi, K. Okuyama, K. Ogawa
Carbohydrate Research, **338**, (2003), 1229–1233
- [52] "Crystal Structure of a Full-Length LysR-Type Transcriptional Regulator, CbnR: Unusual Combination of Two Subunit Forms and Molecular Bases for Causing and Changing DNA Bend"
 S. Muraoka, R. Okumura, N. Ogawa, T. Nonaka, K. Miyashita, T. Senda
Journal of Molecular Biology, **328**, (2003), 555–566

- [53] "In-situ Small-Angle X-Ray Scattering Experiment in Melt Spinning of High Density Polyethylene." H. Murase, G. Sakamoto, Y. Ohta, M. Kotera, K. Nakamae
Proc. 8th Japan International SAMPE Symposium, , (2003), 369
- [54] "Crystal Structure of Calcium-free α -Amylase from *Bacillus* sp. Strain KSM-K38 (AmyK38) and Its Sodium Ion Binding Sites"
T. Nonaka, M. Fujihashi, A. Kita, H. Hagiwara, K. Ozaki, S. Ito, K. Miki
The Journal of Biological Chemistry, **278**, (2003), 24818–24824
- [55] "Crystal Structures of the Ribonuclease MC1 Mutants N71T and N71S in Complex with 5'-GMP: Structural Basis for Alterations in Substrate Specificity."
T. Numata, A. Suzuki, K. Yoshimitsu, K. Kazumi, M. Yao, I. Tanaka, Y. Yoshida, T. Ueda, M. Kimura
Biochemistry, **42**, (2003), 5270–5278
- [56] "Dolastatin 11 Connects Two Long-Pitch Strands in F-Actin to Stabilize Microfilaments"
T. Oda, Zackary D. Crane, Christopher W. Dicus, Bilal A. Sufi, Robert B. Bates
Journal of Molecular Biology, **329**, (2003), 319–324
- [57] "An Extremely Potent Inhibitor of Xanthine Oxidoreductase"
K. Okamoto, Bryan T. Eger, T. Nishino, S. Kondo, Emil F. Pai, T. Nishino
The Journal of Biological Chemistry, **278**, (2003), 1848–1855
- [58] "Supramolecular Structure of a Sugar-Appended Organogelator Explored with Synchrotron X-Ray Small Angle Scattering"
K. Sakurai, Y. Jeong, K. Koumoto, A. Friggeri, O. Gronwald, S. Sakurai, S. Okamoto, K. Inoue, S. Shinkai
Langmuir, **19**, (2003), 8211–8217
- [59] "A Swollen Gel Phase of DPPC Aqueous Solution with Small Amount of Ethanol Observed at Moderate Pressure and Temperature"
H. Seto, H. Nobutou, Norifumi L. Yamada, T. Takeda, D. Ihara, M. Nagao, K. Inoue
Journal of Applied Crystallography, **36**, (2003), 607–611
- [60] "Crystal Structures of Ferrous and CO-, CN-, and NO-Bound Forms of Rat Heme Oxygenase-1 (HO-1) in Complex with Heme: Structural Implications for Discrimination between CO and (OH)₂ in HO-1"
M. Sugishima, H. Sakamoto, M. Noguchi, K. Fukushima
Biochemistry, **42**, (2003), 9898–9905
- [61] "Crystal Structure of Rat Heme Oxygenase-1 in Complex with Biliverdin-Iron Chelate: Conformational Change of the Distal Helix during the Heme Cleavage Reaction"
M. Sugishima, H. Sakamoto, Y. Higashimoto, M. Noguchi, K. Fukuyama
Journal of Biological Chemistry, **278**, (2003), 32352–32358
- [62] "Buried Water Molecules Contribute to the Conformational Stability of a Protein"
K. Takano, Y. Yamagata, K. Yutani
Protein Engineering, **16**, (2003), 5
- [63] "Crystallization and Preliminary X-ray Analysis of TBP-Interacting Protein from the Hyperthermophilic Archaeon *Thermococcus kodakaraensis* Starain KOD1"
T. Yamamoto
Acta Crystallographica Section D, **59**, (2003), 372–374
- [64] "Nucleation and Morphology of Polyethylene under Shear Flow"
S. Yamazaki, M. Hikosaka, A. Toda, I. Wataoka, K. Yamada, K. Tagashira
Journal of Macromolecular Science, Part B-Physics, **42**, (2003), 874–865
- [65] "Superstructures of Mesoscopic Monomolecular Sheets of Thiacyanine J Aggregates in Solution"
H. Yao, Y. Kagoshima, S. Kitamura, T. Isohashi, Y. Ozawa, K. Kimura
Langmuir, **19**, (2003), 8882–8887
- [66] "Crystallographic Characterization of the Radixin FERM Domain Bound to the C-Terminal Region of the Human Na⁺/H⁺-Exchanger Regulatory Factor (NHERF)"
S. Terawaki, R. Maesaki, K. Okada, T. Hakoshima
Acta Crystallographica Section D, **59**, (2003), 177–179
- [2004]
- [67] "Self-Organization and Phase Behavior of Hydrogen-Bonded Mixtures of End-Functional Polymer with Surfactant"
I. Akiba, H. Masunaga, K. Sasaki, Y. Jeong, K. Sakurai, S. Hara, K. Yamamoto
Macromolecules, **37**, (2004), 1152–1155
- [68] " β -Helix is a Likely Core Structure of Yeast Prion Sup35 Amyloid Fibers"
A. Kishimoto, K. Hasegawa, H. Suzuki, H. Taguchi, K. Namba, M. Yoshida
Biochemical and Biophysical Research Communications, **315**, (2004), 739–745

- [69] "Molecular and Crystal Structures of Chitosan/HI Type I Salt Determined by X-ray Fiber Diffraction"
A. Lertworasirikul, S. Yokoyama, K. Noguchi, K. Ogawa, K. Okuyama
Carbohydrate Research, **339**, (2004), 825–833
- [70] "Dynamic Heterogeneity in Interfacial Region of Microphase–Separated Polystyrene–block–poly(methyl acrylate) Studied by the ESR Spin–Label Technique"
Y. Miwa, K. Tanida, K. Yamamoto, S. Okamoto, M. Sakaguchi, M. Sakai, S. Makita, S. Sakurai, S. Shimada
Macromolecules, **37**, (2004), 3707–3716
- [71] "Protein Splicing of Yeast VMA1-Derived Endonuclease via Thiazolidine Intermediates"
R. Mizutani, Y. Anraku, Y. Satow
Journal of Synchrotron Radiation, **11**, (2004), 109–112
- [72] "Hydrolysis of Third-Generation Cephalosporins by Class C β -Lactamases: Structures of a Transition-State analog of Cefotaxime in Wild-Type and Extended-Spectrum enzymes."
M. Nukaga, S. Kumar, K. Nukaga, R. Pratt, J. Knox
The Journal Biological Chemistry, **279**, (2004), 9344–9352
- [73] "Crystal Structures of Collagen Model Peptides with Pro–Hyp–Gly Repeating Sequence at 1.26 Å Resolution: Implications for Proline Ring Puckering"
K. Okuyama, C. Hongo, R. Fukushima, G. Wu, H. Narita, K. Noguchi, Y. Tanaka, N. Nishino
Biopolymers, , (2004), in press
- [74] "X-Ray Induced Reduction of the Crystal of High-Molecular Weight Cytochrome c Revealed by Microspectrophotometry"
M. Satou, N. Shibata, Y. Morimoto, Y. Takayama, K. Ozawa, H. Akutsu, Y. Higuchi, N. Yasuoka
Journal of Synchrotron Radiation, **11**, (2004), 113–116
- [75] "Structure of Human Translin at 2.2 Å Resolution"
I. Sugiura, C. Sasaki, T. Hasegawa, T. Kohno, S. Sugio, H. Moriyama, M. Kasai, T. Matsuzaki
Acta Crystallographica Section D, **D60**, (2004), 674
- [76] "Neutron Spin Echo Study on Slow Dynamics of Lipid Bilayers in the DPPC/D₂O/CaCl₂ System"
T. Takeda, N. Yamada, Y. Kawabata, H. Seto, M. Nagao
Slow Dynamics in Complex Systems, Eds. M. Tokuyama and I. Oppenheim,, , (2004), 118–119
- [77] "Substrate Recognition and Selectivity of Plant Glycerol-3-Phosphate Acyltransferases (GPATs) from *Cucurbita moscata* and *Spinacea oleracea*"
T. Tamada, Michael D. Feesee, Stefano R. Ferri, Y. Kato, R. Yajima, T. Toguri, R. Kuroki
Acta Crystallographica Section D, **60**, (2004), 13–21
- [78] "Expression, Purification, Crystallization and Preliminary X-ray Studies of Geranylgeranyl Diphosphate Synthase from *Thermus thermophilus* HB8"
K. Nishio, Y. Nodake, K. Hamada, K. Suto, N. Nakagawa, S. Kuramitsu, K. Miura
Acta Crystallographica Section D, **60**, (2004), 178–180

BL41XU

Refereed Journals

[1995]

- [1] "Fundamental Design of the High Energy Undulator Pilot Beamline for Macromolecular Crystallography at the SPring-8"
N. Kamiya, T. Uruga, H. Kimura, H. Yamaoka, M. Yamamoto, Y. Kawano, T. Ishikawa, H. Kitamura, T. Ueki, H. Iwasaki, Y. Kashiwara, N. Tanaka, H. Moriyama, K. Hamada, K. Miki, I. Tanaka
Review of Scientific Instruments, **66**, (1995), 1703–1705

[1998]

- [2] "Enzyme Structure with Two Catalytic Sites for Double-Sieve Selection of Substrate"
O. Nureki, Dmitry G. Vassylyev, M. Tateno, A. Shimada, T. Nakama, S. Fukai, M. Konno, Tamara L. Hendrickson, P. Schimmel, S. Yokoyama
Science, **280**, (1998), 578–582

[1999]

- [3] "Atomic Structure of the GCSF-Receptor Complex Showing a New Cytokine-Receptor Recognition Scheme"
M. Aritomi, N. Kunishima, T. Okamoto, R. Kuroki, Y. Ota, K. Morikawa
Nature, **401**, (1999), 713–717