

- [16] "Non-Resonant X-ray Bragg Diffraction by CeB₆"
Y. Tanaka, U. Staub, Y. Narumi, K. Katsumata, V. Scagnoli, S. Shimomura, Y. Tabata, Y. Onuki
Physica B, **345**, (2004), 78-81
- [17] "Intensity Interferometry for the Study of X-Ray Coherence"
M. Yabashi, K. Tamasaku, T. Ishikawa
Physical Review A, **69**, (2004), 023813
- [18] "Analysis of the Mutual Coherence Function of X-Rays Using Dynamical Diffraction"
H. Yamazaki, T. Ishikawa
Journal of Applied Crystallography, **37**, (2004), 48-51

BL26B1

Refereed Papers

[2003]

- [1] "Structural Insight into Modest Binding of a Non-PXXP Ligand to the Signal Transducing Adaptor Molecule-2 Src Homology 3 Domain"
T. Kaneko, T. Kumasaka, T. Ganbe, T. Sato, K. Miyazawa, N. Kitamura, N. Tanaka
The Journal of Biological Chemistry, **279**, (2003), 48162-48168

[2004]

- [2] "Crystallization and Preliminary X-ray Crystallographic Study of the Editing Domain of *Thermus thermophilus* Isoleucyl-tRNA Synthetase Complexed with Pre- and Post-Transfer Editing-Substrate Analogues"
R. Fukunaga, S. Yokoyama
Acta Crystallographica Section D, **60**, (2004), 1900-1902
- [3] "Crystallization and Preliminary X-ray Crystallographic Study of Leucyl-tRNA Synthetase from the Archaeon *Pyrococcus horikoshii*"
R. Fukunaga, S. Yokoyama
Acta Crystallographica Section D, **60**, (2004), 1916-1918
- [4] "Structural Basis of the Substrate-Specific Two-Step Catalysis of Long Chain Fatty Acyl-CoA Synthetase Dimer"
Y. Hisanaga, H. Ago, N. Nakagawa, K. Hamada, K. Ida, M. Yamamoto, T. Hori, Y. Arii, M. Sugahara, S. Kuramitsu, S. Yokoyama, M. Miyano
The Journal of Biological Chemistry, **279**, (2004), 31717-31726
- [5] "Crystal Structure of the GTP-Binding Protein Obg from *Thermus Thermophilus* HB8"
M. Kukimoto-Niino, K. Murayama, M. Inoue, T. Terada, Jeremy R. H. Tame, S. Kuramitsu, M. Shirouzu, S. Yokoyama
Journal of Molecular Biology, **337**, (2004), 761-770
- [6] "Sample Management System for a Vast amount of Frozen Crystals at SPring-8"
G. Ueno, R. Hirose, K. Ida, T. Kimasaka, M. Yamamoto
Journal of Applied Crystallography, **37**, (2004), 867-873

[2005]

- [7] "Crystal Structure of Leucyl-tRNA Synthetase from the Archaeon *Pyrococcus horikoshii* Reveals a Novel Editing Domain Orientation"
R. Fukunaga, S. Yokoyama
Journal of Molecular Biology, **346**, (2005), 57-71
- [8] "Crystallization of Leucyl-tRNA Synthetase Complexed with tRNA^{Leu} from the Archaeon *Pyrococcus horikoshii*"
R. Fukunaga, R. Ishitani, N. Osamu, S. Yokoyama
Acta Crystallographica Section F, **61**, (2005), 30-32
- [9] "Crystal Structure of the tRNA 3' Processing Endoribonuclease tRNase Z from *Thermotoga maritima*"
R. Ishii, A. Minagawa, H. Takaku, M. Takagi, M. Nashimoto, S. Yokoyama
The Journal of Biological Chemistry, **280**, (2005), 14138-14144
- [10] "Crystal Structure of tRNA Adenosine Deaminase (TadA) from *Aquifex aeolicus*"
M. Kuratani, R. Ishii, Y. Bessho, R. Fukunaga, T. Sengoku, M. Shirouzu, S. Sekine, S. Yokoyama
The Journal of Biological Chemistry, **280**, (2005), 16002-16008

- [11] "Crystallization and Preliminary X-ray Studies on the Reaction Center-Light-Harvesting 1 Core Complex from *Rhodospseudomonas viridis*"
S. Saijo, T. Sato, T. Kumasaka, N. Tanaka, K. Harata, T. Odahara
Acta Crystallographica Section F, **61**, (2005), 83-86

BL26B2

Refereed Papers

[2003]

- [1] "Crystallization and Preliminary X-ray Studies of Xylanase 10B from *Thermotoga maritima*"
I. Iis, T. Kumasaka, T. Kaneko, C. Morokuma, S. Nakamura, N. Tanaka
Acta Crystallographica Section D, **59**, (2003), 1659-1661

[2004]

- [2] "Structural Basis of Leukotriene B₄ 12-Hydroxydehydrogenase/15-Oxo-prostaglandin13-Reductase Catalytic Mechanism and a Possible Src Homology 3 Domain Binding Loop"
T. Hori, Y. Takehiko, H. Ago, M. Sugahara, G. Ueno, M. Yamamoto, T. Kumasaka, T. Shimizu, M. Miyano
The Journal of Biological Chemistry, **279**, (2004), 22615-22623
- [3] "Crystallization and Preliminary X-ray Crystallographic Analysis of Chitinase F1 (ChiF1) from the Alkaliphilic *Nocardiopsis* sp. strain F96"
T. Matsui, T. Kumasaka, K. Endo, T. Sato, S. Nakamura, N. Tanaka
Acta Crystallographica Section D, **60**, (2004), 2016-2018
- [4] "Crystallization and Preliminary X-ray Diffraction Studies of the Hyperthermophilic Archaeal Sulredoxin Having the Unique Rieske [2Fe-2S] Cluster Environment"
T. Uchiyama, A. Kounosu, T. Sato, N. Tanaka, T. Iwasaki, T. Kumasaka
Acta Crystallographica Section D, **60**, (2004), 1487-1489
- [5] "Sample Management System for a Vast amount of Frozen Crystals at SPring-8"
G. Ueno, R. Hirose, K. Ida, T. Kimasaka, M. Yamamoto
Journal of Applied Crystallography, **37**, (2004), 867-873

BL29XU

Refereed Papers

[2000]

- [1] "Performance of a CsI Photocathode in a Hard X-Ray Streak Camera"
T. Hara, Y. Tanaka, H. Kitamura, T. Ishikawa
Review of Scientific Instruments, **71**, (2000), 3624-3626
- [2] "Timing Control of an Intense Picosecond Pulse Laser to the SPring-8 Synchrotron Radiation Pulses"
Y. Tanaka, T. Hara, H. Kitamura, T. Ishikawa
Review of Scientific Instruments, **71**, (2000), 1268-1274

[2001]

- [3] "Observation of Hard X-Ray Pulses with a Highly Sensitive Streak Camera"
T. Hara, Y. Tanaka, H. Kitamura, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 1125-1128
- [4] "Site-Selective X-Ray Absorption Fine Structure Analysis of an Optically Active Center in Er-Doped Semiconductor Thin Film Using X-Ray-Excited Optical Luminescence"
M. Ishii, Y. Tanaka, T. Ishikawa, S. Komuro, T. Morikawa, Y. Aoyagi
Applied Physics Letters, **78**, (2001), 183-185
- [5] "X-Ray-Excited Optical Luminescence of Erbium-Doped Semiconductor: Site-Selective X-Ray Absorption Spectroscopy of an Optically Active Atom"
M. Ishii, Y. Tanaka, S. Komuro, T. Morikawa, Y. Aoyagi, T. Ishikawa
Journal of Electron Spectroscopy and Related Phenomena, **114-116**, (2001), 521-525
- [6] "X-Ray-Excited Optical Luminescence of Impurity Atom in Semiconductor"
M. Ishii, Y. Tanaka, S. Komuro, T. Morikawa, Y. Aoyagi, T. Ishikawa
Journal of Synchrotron Radiation, **8**, (2001), 372-374