

- [114] "Intensity of X-ray Reflections from Skeletal Muscle Thin Filaments Partially Occupied with Myosin Heads: Effect of Cooperative Binding"
T. Tamura, J. Wakayama, T. Fujisawa, N. Yagi, H. Iwamoto
Journal of Muscle Research Cell Motility, **25**, (2004), 329-335
- [115] "Collapse and Search Dynamics of Apomyoglobin Folding Revealed by Submillisecond Observations of α -Helical Content and Compactness"
T. Uzawa, S. Akiyama, T. Kimura, S. Takahashi, K. Ishimori, I. Morishima, T. Fujisawa
Proceedings of the National Academy of Sciences of the United States of America, **101**, (2004), 1171-1176
- [116] "Sarcomere-Length Dependence of Lattice Volume and Radial Mass Transfer of Myosin Cross-Bridges in Rat Papillary Muscle"
N. Yagi, H. Okuyama, H. Toyota, J. Araki, J. Shimizu, G. Iribe, K. Nakamura, S. Mohri, K. Tsujioka, H. Suga, F. Kajiya
Pflugers Archiv: European Journal of Physiology, **448**, (2004), 153-160
[2005]
- [117] "Crystal Structures of Type II Restriction Endonuclease EcoO109I and Its Complex with Cognate DNA"
H. Hashimoto, T. Shimizu, T. Imasaki, M. Kato, N. Shichijo, K. Kita, M. Sato
The Journal of Biological Chemistry, **280**, (2005), 5605-5610
- [118] "Roles of Hydrophobic Interaction in a Volume Phase Transition of Alkylacrylamide Gel Induced by the Hydrogen-Bond-Driving Alkylphenol Binding"
T. Kawashima, S. Koga, M. Annaka, S. Sasaki
The Journal of Physical Chemistry B, **109**, (2005), 1055-1062
- [119] "Specific Collapse Followed by Slow Hydrogen Bond Formation of β -Sheet in the Folding of Single Chain Monellin"
T. Kimura, T. Uzawa, K. Ishimori, I. Morishima, S. Takahashi, T. Konno, S. Akiyama, T. Fujisawa
Proceedings of the National Academy of Sciences of the United States of America, **102**, (2005), 2748-2753
- [120] "Viscoelastic Effects on Dynamics of Concentration Fluctuations for Non-Entangled Polymer Mixture: Time-Resolved Synchrotron-SAXS Studies After Pressure-Jump"
M. Takenaka,
Progress in Colloid and Polymer Science, **130**, (2005), 96-103

[Contract Beamlines]

BL12XU

Refereed Papers

[2003]

- [1] "Structural Basis for Catalysis and Substrate Specificity of *Agrobacterium Radiobacter* N-Carbamoyl-D-Amino-Acid Amidohydrolase"
C. Chen, W. Chiu, J. Liu, W. Hsu, W. Wang
The Journal of Biological Chemistry, **278**, (2003), 26194-26201

[2005]

- [2] "Ordering of Hydrogen Bonds in High-Pressure Low-Temperature H₂O"
Y. Cai, H. Mao, P. Chow, John S. Tse, Y. Ma, S. Patchkovskii, J. F. Shu, V. Struzhkin, Russell J. Hemley, H. Ishii, C. Chen, I. Jarrige, C. T. Chen, Sean R. Shieh, E. P. Huang, C. Kao
Physical Review Letters, **94**, (2005), 025502

BL12B2

Refereed Papers

[2001]

- [1] "Design of the Taiwan Contract Bending-Magnet Beamline at SPring-8"
M. -T. Tang, T. -E. Dann, C. -C. Chen, K. -L. Tsang, C. -T. Chen, K. -S. Liang
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 719-722