

# BL04B2

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- [1] "The Structures of Disordered Materials Studied by High Energy X-Ray Diffraction and Reverse Monte Carlo Modeling"  
S. Kohara, K. Suzuya, H. Ohno  
熔融塩および高温化学 (Molten Salts), **43**, (2000), 137-148

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- [2] "High-Energy X-Ray Diffraction Beamline: BL04B2 at SPring-8"  
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Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 663-666
- [3] "A Horizontal Two-Axis Diffractometer for High-Energy X-Ray Diffraction Using Synchrotron Radiation on Bending Magnet Beamline BL04B2 at SPring-8"  
S. Kohara, K. Suzuya, Y. Kashihara, N. Matsumoto, N. Umesaki, I. Sakai  
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 1030-1033
- [4] "A New Polyantimonate with an  $\text{Sb}_4\text{O}_{16}$  Core"  
K. Kusaka, Y. Ozawa, A. Yagasaki  
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- [5] "High-Energy X-Ray Diffraction Studies of Non-Crystalline Materials"  
H. Ohno, S. Kohara, N. Umesaki, K. Suzuya  
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- [6] "Crystal Structure Analysis of a Hexatungstate by a High-Energy X-Ray Diffraction Experiment Using an Imaging Plate Weissenberg Camera at the BL04B2 Beamline of SPring-8"  
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- [7] "New  $\delta$  (Distorted-bcc) Titanium to 220 GPa"  
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- [8] "The Equation of State of Bi and Cross-Checking of Au and Pt Scales to Megabar Pressure"  
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Journal of Physics: Condensed Matter, **14**, (2002), 11495-11500
- [9] "A New Distorted Body-Centred Cubic Phase of Titanium ( $\delta$ -Ti) at Pressures up to 220 GPa"  
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Journal of Physics: Condensed Matter, **14**, (2002), 10583-10588
- [10] "Equation of State of Bismuth to 222 GPa and Comparison of Gold and platinum Pressure Scales to 145 GPa"  
Y. Akahama, H. Kawamura, Anil K. Singh  
Journal of Applied Physics, **92**, (2002), 5892-5897
- [11] "Room Temperature Molten Alkylimidazolium Fluorohydrogenates"  
R. Hagiwara,  
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- [12] "The Structures of Alkylimidazolium Fluorohydrogenate Molten Salts Studied by High-Energy X-Ray Diffraction"  
R. Hagiwara, K. Matsumoto, T. Tsuda, Y. Ito, S. Kohara, K. Suzuya, H. Matsumoto, Y. Miyazaki  
Journal of Non-Crystalline Solids, **312-314**, (2002), 414-418
- [13] "Pressure-Induced Transition from a Charge-Disproportionated Antiferromagnetic State to a Charge-Uniform Ferromagnetic State in  $\text{Sr}_{2/3}\text{La}_{1/3}\text{FeO}_3$ "  
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- [14] "Intermediate-Range Order of Vitreous Silica Studied by High-Energy X-Ray Diffraction, Neutron Diffraction and Reverse Monte Carlo Modelling"  
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- [16] "Structure Analysis of a High-Pressure Amorphous Phase of  $\text{SnI}_4$ "  
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- [17] "Equation of State of Hexagonal Aluminous Phase in Basaltic Composition to 63 GPa at 300 K"  
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- [21] "Structural Studies of Supercritical Fluid Metals Using Synchrotron Radiation"  
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- [23] "Small Angle X-Ray Scattering Measurements for Supercritical Fluid Metals Using Synchrotron Radiation"  
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- [24] "Structural Phase Transition of ScSb and YSb with NaCl-Type Structure at High Pressures"  
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- [25] "Static and Dynamic Structures of Expanded Fluid Mercury"  
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- [26] "The Structural Analysis of Manganese Borate Glass by High-energy X-Ray Diffraction Measurement"  
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- [28] "Synchrotron Structure Determination of an  $\alpha$ -Keggin doubly  $\text{Pt}^{\text{IV}}$ -Substituted Silicotungstate,  $(\text{CH}_6\text{N}_3)_8[\alpha\text{-SiPt}_2\text{W}_{10}\text{O}_{40}] \cdot \text{H}_2\text{O}$ "  
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- [30] "The Structure of Binary Zinc Phosphate Glasses"  
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- [31] "A High-Energy X-ray Imager with a [128x128] Matrix of  $\text{YAlO}_3\text{:Ce}$  Crystals for Synchrotron Radiation Applications"  
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- [33] "Pressure-Induced Magnetic Transition in Fe<sub>4</sub>N Probed by Fe K-edge XMCD Measurement"  
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Y. Shodai, S. Kohara, Y. Ohishi, M. Inaba, A. Tasaka  
The Journal of Physical Chemistry A, **108**, (2004), 1127-1132
- [37] "Microscopic Structure of Nanometer-Sized Silica Particles"  
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Physical Review B, **69**, (2004), 155409
- [38] "Structure Refinement of i-Al-Pd-Re Quasicrystals by Synchrotron Radiation Data"  
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## BL08W

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- [1] "An Elliptical Wiggler for SPring-8"  
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- [2] "Design of an Elliptic Multipole Wiggler Beamline for High-Energy Inelastic Scattering at the SPring-8"  
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