

利用者実験リスト

SPring-8 の放射光共同利用研究は1997年10月に開始された。その後、毎年2回共同利用研究課題が募集され実験が行われている。この年報には第7回2001A（2001年1月から6月まで）と第8回2001B（2001年7月から12月まで）に実施された共同利用研究課題の表題が纏められている。このリストの内容は、実験後60日以内に利用実験者から SPring-8 に寄せられた短い報告書である。これは既に発行された『SPring-8 User Experiment Report』（英文）とインターネットのホームページ

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Structural , magnetic and temperature dependence of the spin density in Cr-based thiospinels CMR material Fe _{0.5} Cu _{0.5} Cr ₂ S ₄ and FeCr ₂ S ₄	DEB , Aniruddha
Development and Application of New Elementary Analysis Method for samples covered with heavy element in surface	ITOU , Masayoshi

A comparative study of Compton Profile and Angular Correlation of Positron Annihilation Radiation spectrum in TiO ₂ single crystal	INOUE , Kouji
High-resolution Compton profile of d-AlNiCo quasicrystal	TAMURA , Junpei
X-Ray Magnetic Compton Scattering Study of the enhanced magnetization in CeFe ₂ annealed at 1000K	NAKAMURA , Tetsuya
Trace Elements Analyses of Archaeological Metal Objects	MURAKAMI , Ryu
Aging Operation of a 1D Position-Sensitive Germanium Detector	SUZUKI , Masayo
Development and application of new X-ray fluorescence technique for earth and planetary materials using high energy X-ray	TERADA , Yasuko
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Study of orbital state in La _{1.4} Sr _{1.6} Mn ₂ O ₇ through anisotropy measurement of magnetic Compton profile	KOIZUMI , Akihisa
Application of high-energy X-ray fluorescence analysis for characterization of archaeological glasses from Egypt	SANADA , Takashi
XRF imaging of the heavy elements in geological samples using high energy X-rays	TERADA , Yasuko
High-resolution Compton profile of i-CdCa quasicrystals	TAMURA , Junpei
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An Attempt to Change the Half-Lives of β-Decay Nuclides	BABA , Hiroshi
Development and Application of New Elementary Analysis Method for samples covered with heavy element in surface	ITOU , Masayoshi
Trace Element Analyses of Ancient Metal Artifacts	MURAKAMI , Ryu
Determination of Spin Coupling between Sm and Co in SmCo ₃ B ₂ using magnetic Compton-profile Measurement	SAKAI , Nobuhiko

Spin density of double perovskite $\text{Sr}_2\text{FeMoO}_6$ studied by magnetic Compton scattering	DEB , Aniruddha
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Characterization of a thin SiO_2 film thermally grown on a silicon wafer using grazing-incidence x-ray diffraction	KUDO , Yoshihiro
Energy Resolved Nuclear Resonance Scattering	CALLENS , Riet
Measurements of the higher-order reflections from the ordered SiO_2 in the thermal oxide layer on Si substrates	SHIMURA , Takayoshi
Direct phase measurement of x-ray specular reflection using modulation under the Bragg condition	YASHIRO , Wataru
Measurement of lattice distortion near SiO_2/Si interface by using modulation of CTR scattering under the Bragg condition	YASHIRO , Wataru
Structure analysis at solid liquid interfaces: Underpotential deposition of copper on Pt(111) and Au(111) electrodes in sulfuric acid solution	NAKAMURA , Masasi
Structural Analysis of One-Dimensional Quantum Structure by X-ray Standing Wave Method	SAITO , Akira
Study of partial vibrational density of states in a-PdGe combined by electron inelastic scattering and inelastic neutron scattering	SHIBATA , Kaoru
Nuclear resonant scattering study of vibrational density of states in the 2 dimensional single grain quasicrystal $d\text{-Al}_{72}\text{Ni}_{23}\text{Fe}_5$	SHIBATA , Kaoru
Influence of a Cu Matrix to the Phonons of $\gamma\text{-Fe}$ Precipitates	TSUNODA , Yorihiro
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Holographic Imaging of Surface Atoms using Surface X-ray Diffraction	SUMITANI , Kazushi
Structural Study of $\text{Si}/\text{Ge}/\text{Si}(001)$ crystals by Measurement of Multiple Energy X-ray Holography	KUSANO , Shuuji
Elastic and inelastic nuclear resonant scattering of Eu_4As_3	KOBAYASHI , Hisao

Characterization of SiON/Si interface with X-ray CTR scattering II	AWAJI , Naoki
Measurement of residual stress distribution in a micro-indentation on Ti-6 Al-4V alloy	MURAKAMI , Yukitaka
Measurement of the probability on nuclear excitation of ¹⁹⁷ Au in atomic-shell ionization	KISHIMOTO , Shunji
Study on Local Vibrational Densities of States Using Element and Site Specific Nuclear Resonant Inelastic Scattering and Development of the Measuring Methods	SETO , Makoto
Mapping of Local Stress near the Crack Tip in Ceramics	SAKAIDA , Yoshihisa
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Simultaneous measurement of conversion electron emission and nuclear resonant forward scattering on a thin Fe film under grazing-incident condition	OKANO , Tatsuo
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¹⁵¹ Eu Nuclear resonance scattering by heterodyne method and its application for high-pressure research using a DAC	SERDONS , Inge K .
Nuclear Resonant Inelastic Scattering of hematite under High Pressure	YAMADA , Takahiro
X-ray standing wave analysis of a δ -doped Mn layer in GaAs	TAKAHASI , Masamitsu
X-ray dynamical diffraction from a quartz crystal plate for the 0 6 10 reflection at a Bragg angle near 90	IMAI , Yasuhiko
Study of the Interactions in Solution between Iron Complexes and Solvent by Nuclear Resonant Quasielastic and Inelastic Scattering	HARUKI , Rie
Study on Local Vibrational Densities of States Using Element and Site Specific Nuclear Resonant Inelastic Scattering and Development of the Measuring Methods	SETO , Makoto

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Compressibility of the MgB ₂ superconductor	TAKATA , Masaki
Site-selective XAFS Spectroscopy Utilizing a Fluorescence Spectrometer for Cu/ZnO Methanol Synthesis Catalysts	KIYOTAKI , Fumitaka
XAFS Spectroscopy Utilizing a Fluorescence Spectrometer for Lead Ion Adsorption Site on Pyroaurite	IZUMI , Yasuo
X-ray fluorescence holography of Si:As	HAYASHI , Kouichi
Bulk modulus measurement of cubic BC2N	UTSUMI , Wataru
X-ray Diffraction Experiments of Solid Methane at High Pressures and Low Temperatures	KAWAMURA , Haruki
X-ray Diffraction Experiment of Solid Hydrogen at High Pressures and Low Temperature	KAWAMURA , Haruki
Structural analysis of ITO epitaxial film by X-ray fluorescence holography	KANEYOSHI , Takahiro
High pressure behavior of quasicrystals in novel Zr-based alloys	JIANG , Jianzhong
Metal-insulator transition and charge-lattice anomaly under high pressure environment in Ti and Yb-based compounds	IGA , Fumitoshi
Phase Transition of BeO under high pressure	MORI , Yoshihisa
X-ray Diffraction Experiment at Low Temperature of ZnCr ₂ O ₄ under High Pressure	YAMADA , Takahiro
Valence and Site Selective Structural Analyses of Exchanged Ions in ZSM-5-type Zeolite by An Optical XAFS Technique	KURODA , Yasushige
Structural phase transition of iron sulfides under high pressure	KOBAYASHI , Hisao
Phase boundary between rutile-type and CaCl ₂ -type germanium dioxide determined by in situ X-ray observations	ONO , Shigeaki
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Structural stability and the equation of state of the high-pressure bcc phase of Bi	TAKEMURA , Kenichi

The Valence-fluctuating States in CeLnAu ₂ and YbInAu ₂ Compounds under High Pressure	KURISU , Makio
Stability of magnesite in the lower mantle	ISSHIKI , Maiko
X-Ray Diffraction Analysis on High-Pressure Phases of Solid Oxygen	AKAHAMA , Yuichi
Electron Density Distribution Analysis of s-d Transition in Cesium by MEM	OHISHI , Yasuo
Structural Study of Icosahedral Zn-Mg-Dy Quasicrystal Under Hydrostatic Pressure up to 40GPa	WATANUKI , Tetsu
X-ray fluorescence holography of high T _c superconductors	TERASAWA , Mititaka
XAFS Spectroscopy Combined with a Fluorescence Spectrometer for Trace Amounts of Element . Lead Adsorption Site in the Environmental Conditions	IZUMI , Yasuo
Powder diffraction of two dimensional hydrogen-bonded material Squaric-acid under high pressure	WATANABE , Masashi
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Structural and Electrical Study in Light Alkaline Metals (Na,Li) under Very High Pressure	SHIMIZU , Katsuya
Research for BCC Phase of Titanium and Sulfur to 260 GPa	AKAHAMA , Yuichi
Low-Temperature X-Ray Diffraction Study on High-Pressure Phases of Solid Oxygen	AKAHAMA , Yuichi
Metal-insulator transition and charge-lattice anomaly in Ti and Yb-based compounds	IGA , Fumitoshi
Gap-Scan XAFS Study of Ultra-Diluted Copper-Contain Proteins	KIKUCHI , Akihiro
High Pressure and High Temperature Phase Transition of Fe and FeO up to 145 GPa	MURAKAMI , Motohiko
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Structural change of Al ₂ O ₃ and Fe ₂ O ₃ under high pressure	NAGAI , Takaya

X-ray Diffraction Experiment at Low Temperature of Ferromagnetic Cupric Oxides under High Pressure	YAMADA , Takahiro
X-ray absorption fine structure measurement using a scanning capacitance microscope	ISHII , Masashi
Study of high-pressure structural phase transition in rare earth metals doped fullerenes	DAM , Hieu Chi
Decarbonation of magnesite and stability of carbonates in the lower mantle	ISSHIKI , Maiko
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Structural Study of Cd ₆ Yb and Cd ₆ Eu alloy systems Under Hydrostatic Pressure up to 40GPa	WATANUKI , Tetsu
High-pressure structural analysis of (Nd,Sm) _{1/2} Sr _{1/2} MnO ₃ : Origin for pressure-induced charge ordering	KURIKI , Akira
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Phase relations of AgI under high-pressure and high-temperature	OHTAKA , Osamu
Nuclear Forward Scattering of SnI ₄ under High Pressure	YAMADA , Takahiro
Nuclear Resonant Excitation of ¹²⁵ Te	KITAO , Shinji
Phase relations of CuBr under high-pressure and high-temperature	OHTAKA , Osamu
The observation of polarization switching of nuclear resonant Bragg scattering by using synchrotron radiation	MITSUI , Takaya
Nuclear Resonant Inelastic Scattering on Myoglobin	HARAMI , Taikan
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Holographic Imaging of Surface Atoms using Surface X-ray Diffraction	SUMITANI , Kazushi
Structural Study of Si/Ge/Si(001) crystal by X-ray Diffraction	KUSANO , Shuuji
Detection of Fluctuating Surface Morphology of an AuCd Alloy: Effects of a Martensitic Transformation	TAKAHASHI , Isao
Commissioning of the apparatus for analysis of a surface structure on an atomic scale by X-ray scattering and diffraction	SAKATA , Osami

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Structural relationship between liquid, supercooled liquid and glassy states of PdCuNiP alloy	JIANG , Jianzhong
XAFS Measurement of Alkali-GeO ₂ Melts under High temperature and High Pressure	OHTAKA , Osamu
Single Crystal Growth of CaFeO ₃ and SrFeO ₃	AZUMA , Masaki
EOS study of FeS ₂ at high temperature and measurement of thermal expansivity of FeS ₂ at high pressures	KIM , Young-Ho
XAFS Measurement of Liquid Ge under High Pressure	OHTAKA , Osamu
Crystallization of Bulk Metallic Glasses under High Pressure	SUN , Liling
Liquidus Line of Low-Pressure Phase of Sn ₄	FUCHIZAKI , Kazuhiro
A DAFS study for a determination of the local structure of charge disproportionation in a La _{1/3} Sr _{2/3} FeO ₃ single crystalline thin film	AKAO , Takahiro
Local Structure of Ge in GeS ₂ Glass under High-Pressure	MIYAUCHI , Koichi
Single Crystal Growth of PrNiO ₃	AZUMA , Masaki

BL19B2

Development of XAFS Measurement System at Engineering Science Research Beamline BL19B2	OKAJIMA , Toshihiro
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Structural analysis of co-crosslinked rubbers	KISHIMOTO , Hiroyuki
XAFS Study of Phase Change Optical Recording Media	TAGUCHI , Takeyoshi
<i>In situ</i> XAFS Study on Lithium-ion Batteries under High Temperature	NONAKA , Takamasa
Development of the Debye-Scherrer camera at BL19B2	HONMA , Tetsuo
Installation of multi-axes diffractometer for industrial application at BL19B2	HIROSAWA , Ichiro
Residual stress measurement of partially stabilized Zirconia coating at the vicinity of substrate	NAKAGAWA , Shigetomo
Studies on the Application of Synchrotron Radiation to Powder X-ray Diffraction of Organic Materials	OSANO , Yasuko T .
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Direct observation of hydride formed in pure and Ti-Al alloy by refraction imaging	MIZUNO , Kaoru
Characterization of Strain Distribution in Large-diameter Silicon Wafers Caused by Surface Preparation Processes	KAWADO , Seiji
High-resolution x-ray topography using a very distant x-ray source	KAWADO , Seiji
Dynamic observation of porosity formation and solidification process of Al-Si alloys	OHNAKA , Itsuo
Analysis of the Features of Acute Respiratory Distress Syndrome(ARDS) Using Ultra High-Resolution CT	JOHKOH , Takeshi
Plane wave synchrotron radiation topographic observation of grown-in microdefects in silicon crystals	IIDA , Satoshi
Development of micro-angiography system for observation and analysis of microcirculation	UMETANI , Keiji
Development of a 2D imaging system for biomedical specimens using Si asymmetric reflexion	ANDO , Masami
Microstructural analysis of trabecular bone using monochromatized X-ray CT in bone metastasis from prostate cancer	SONE , Teruki
Evaluation of changes of tumor vessele during and after anticancer drug injection using monochromatized X-ray	YAMASHITA , Takenori

Experimental studies of microangioarchitecture of tumors using monochromatized X-ray	YAMASHITA , Takenori
Quantitative Measurement of Electron Density by Dual-Energy X-ray CT and Its Evaluation with aid of Range of Fast Ion in Water	TORIKOSHI , Masami
Three Dimensional Structure of multiple vessels in the Organ Using Multiple Contrast Materials	TSUJI , Chizuko
A study of 3-dimensional structure of melt and void in rocks by an XTM	NAKANO , Tsukasa
The human lung imaging using synchrotron radiation CT	IKURA , Hirohiko
Microvasculature of Hepatic Tumors	HORI , Masatoshi
Treatment of neoplasms by synchrotron radiation with mono-L-aspartyl aurochlorin e6	TSUCHIDA , Takaaki
Three-dimensional structures of metallic iron-iron sulfide in meteorites by XTM	TSUCHIYAMA , Akira
A study on rock textures by analysis of XTM images for samples returned by MUSES-C mission	TSUCHIYAMA , Akira
Refraction-contrast imaging using mouse , rat , and lung cancer sample	HIRANO , Masatsugu
Fundamental Study for visualizing the biological molecules using hard X-rays	KOHMURA , Yoshiki
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Evaluation of coronary vascular reserve in rats using synchrotron radiation angiography	FUKUSHIMA , Kazuhito
Visualization of vasodilation of renal arteries with acetazolamide in rats using synchrotron radiation microangiography	FUKUSHIMA , Kazuhito
Visualization of vasoconstriction of intrahepatic preterminal portal venules with endothelin-1 in rats using synchrotron radiation microangiography	TSURUSAKI , Masakatsu
Analysis of the Features of Acute Respiratory Distress Syndrome(ARDS) Using Ultra High-Resolution CT	JOHKOH , Takeshi
Evaluation of Coronary artery structure in a canine microvessel ischemic model	KANDA , Munetake

Evaluation of angiogenesis of adrenomedullin	TOKUNAGA , Noriyuki
Development of Translate/Rotate Mode CT System for Quantitative Measurement of Electron Density	TORIKOSHI , Masami
Dose comparison of Si photodiodes and a cavity ionization chamber for 30-70 keV photons	NARIYAMA , Nobuteru
Comparison of Images Obtained by DEI and Refraction-Contrast Imaging	YAGI , Naoto
Three Dimensional Analyses of Small Airway and Vessels in Normal and Injured Rat Lungs Using Multiple Contrast CT Images	TSUJI , Chizuko
Evaluation of Microcirculation in Cardiovascular Disease Using Microangiography System	YOKOYAMA , Mitsuhiro
A study of three-dimensional structures of radial pyroxene chondrules using XTM	TSUCHIYAMA , Akira
Basic Studies of Breast Disease Diagnosis using Refraction-Enhanced Imaging	IMAMURA , Keiko
Micro Vascular Structures of Rat Liver	HORI , Masatoshi
Evaluation of three-dimensional trabecular structure after treatment with different anti- osteoporotic medicine	ITO , Masako
Evaluation of large field and high resolution two-dimensional detector for x-ray CT method	UESUGI , Kentaro
Three-dimensional comparison of bone microstructure among various osteosclerotic lesions	SONE , Teruki
Three-dimensional microstructural analysis of trabecular bone in the murine model of osteoporosis	SONE , Teruki
Evaluation of coronary endothelial function in spontaneous hypertensive rats using synchrotron radiation microangiography	FUKUSHIMA , Kazuhito
Visualization of renal microcirculation in diabetic rats using synchrotron radiation microangiography	FUKUSHIMA , Kazuhito
Microangiographic assessment of intrahepatic preterminal portal venules in rats with CCl ₄ induced cirrhosis using synchrotron radiation microangiography	TSURUSAKI , Masakatsu
Development of a Photon-Counting Dual-Energy Monochromatic X-Ray CT	TOYOFUKU , Fukai

Development of Human Imaging by Means of Synchrotron X-ray Phase Contrast	MORI , Koichi
X-ray Topographic Observation of Surface-Strain Distribution in Large-Diameter Silicon Wafers	KAWADO , Seiji
X-ray Diffraction Topography of CZ-Si Crystal Ingots	KAWADO , Seiji
Microangiographic Determination Using SPring-8 Synchrotron Radiation in Dilated Cardiomyopathy	SHIMIZU , Toshihiro
Dynamical analysis of coronary microcirculation using rotational microangiography system	MATSUMOTO , Takeshi
Visualization of fractal structures in polymer/filler systems	TAKENAKA , Mikihiro
Microangiographic Analysis of Autoregulation in Rat Brain	KONDO , Takeshi
Direct observation of unsteady microstructure evolution during crystal growth of Sn alloys	OHNAKA , Itsuo
Development of Dark-field Imaging System in Large-area for Biomedical Specimens	SUGIYAMA , Hiroshi
Study on the three-dimensional pore structure of porous rocks by dual-energy XTM	NAKASHIMA , Yoshito
3-D Microstructure of the Human Peripheral Lung Using the Volume Data with Synchrotron Radiation CT	IKURA , Hirohiko
Characterization of three-dimensional structures of polymeric foams by a X-ray computerized tomography method	JINNAI , Hiroshi
X-ray imaging study of electronic devices by using high-energy monochromatized x-ray	KOBAYASHI , Kenji
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Ultra-Small Angle Diffraction Experiment using Medium-length Undulator Beamline	YAGI , Naoto
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Development of Scanning Hard X-Ray Scanning Microscope with a Coherent Microbeam	TAKANO , Hidekazu

X-ray Microbeam and Scanning Microscopy with Fresnel Zone Plate Optics at BL20XU	SUZUKI , Yoshio
Improvement and Test of Crystal Monochromator for High Energy Experiment at BL20XU	SUZUKI , Yoshio
Hard X-Ray Fourier Transform Holography with a Zone Plate	WATANABE , Norio
X-Ray Fourier Transform Holography using a 3rd Order Focus of a Zone Plate as a Reference Source	WATANABE , Norio
Phase-Contrast Microtomography Using an X-Ray Interferometer	MOMOSE , Atsushi
Dynamic high speed speckle Measurement using a Fresnel zone plate	SUZUKI , Takuya
Characterization of sputtered-sliced Fresnel zone plate at BL20XU : high resolution hard x-ray microbeam experiments	KAMIJO , Nagao
Measurement of focused spot size of high-energy X-rays using sputtered-sliced Fresnel Zone Plate	AWAJI , Mitsuhiro

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Photoemission study of oxidation process induced by translational energy of O ₂ molecule on Cu(100)	OKADA , Michio
Real-Time Monitoring Photoelectron Spectroscopy of Oxidation on Ti Surfaces	TAKAKUWA , Yuji
In-situ observation for initial oxidation process on Er deposited film by supersonic oxygen molecular beam	MATSUI , Shinji
Soft X-ray reaction of amino acid films induced by inner-core selective excitation	NAKAGAWA , Kazumichi
Study of electronic states of Sm-4f electrons in Sm compounds by means of XAS and MCD	MIZUMAKI , Masaichiro

BL25SU

Study on the Effect of Magnetic Field and Coherence on the Kondo Resonance of Cerium Compounds	CHOI , Byung-Hee
Bulk-sensitive angle-resolved high-resolution soft x-ray photoemission spectroscopy	SUGA , Shigemasa

High-Resolution Resonant Photoemission Spectroscopy on CeSi and CeT ₂ Si _z (T= Pd, Ni)	MIMURA , Kojiro
Precursor non-magnetic states of NdFe ₄ P ₁₂ and CeSn ₃ detected by core excitation MCD	MIYAHARA , Tsuneaki
Electronic Structure of Superconducting Sr ₂ RuO ₄ Studied by Bulk-Sensitive High-Resolution Photoemission Spectroscopy	SEKIYAMA , Akira
High-Resolution Resonance Photoemission Study of Nd _{1-x} Sr _x MnO ₃ : Evidence for Metallic Nd _{0.45} Sr _{0.55} MnO ₃	SEKIYAMA , Akira
High-Resolution Photoemission Study of Kondo semiconductor CeRhAs and related compounds	SEKIYAMA , Akira
Ti 2p core absorption spectrum of Y _{1-x} Ca _x TiO ₃	KIMURA , Akio
Soft X-ray magnetic circular dichroism study of Nd ₂ Fe ₁₇ and Nd ₂ Fe ₁₇ N ₃	KIMURA , Akio
Temperature dependence of high-resolution 4f photoemission spectra of metal-insulator materials (ReRu ₄ X ₁₂ (Re=La,Ce,Pr, X=P,Sb))	NANBA , Takao
Element-selective study of the change in the spin and orbital magnetic moments at the martensitic transition of ferromagnetic shape memory Ni ₂ MnGa	IMADA , Shin
Magnetic states on R and Mo sites in ferromagnetic pyrochlore compounds R ₂ Mo ₂ O ₇ (R=Nd, Sm, Gd)	IMADA , Shin
Magnetic Anisotropy of Polycrystalline and Epitaxial (Mn-Cr) Pt ₃ ordered alloy films	KATO , Takeshi
Electronic Structure and Thermoelectric Power of Heusler-type Fe ₂ VAl Compound	SODA , Kazuo
Studies on Electronic Structure of YbCdCu ₄ and YbMgCu ₄ by means of High-Resolution Photoemission Spectroscopy	SATO , Hitoshi
Circular dichroism in two-dimensional circularly-polarized light photoelectron diffraction on Fe/W(110)	FUKUMOTO , Keiki
Circularly-polarized light photoelectron diffraction on Co/W(110) surface	FUKUMOTO , Keiki
Stereoscopic Photographs and holography of Ho/Si(111) surface	OKAMOTO , Shunsuke
Study on the electronic structure of (La _{1-x} RE _x) ₂ Ba ₂ Cu ₂ O ₁₀ by means of high resolution photoemission spectroscopy and x-ray absorption spectroscopy	IKUTA , Hiroshi

Magnetic moments of Sm and Fe in SmFe ₂ by soft x-ray magnetic circular dichroism	MIYAGAWA , Hayato
Valence band structure of the cubic perovskite manganites	TAKEUCHI , Tsunehiro
Bulk-sensitive angle-resolved high-resolution soft x-ray photoemission spectroscopy of high T _c superconductors and related materials	SUGA , Shigemasa
High-resolution photoemission study of bulk electronic structures of half-metallic transition-metal compounds	KANG , Jeongsoo
Temperature dependence of localized magnetic moment on CeNi	SHIOZAWA , Hidetsugu
Magnetic Moments of Transition Metals in Heulser-type Fe ₂ VAl Alloys	SODA , Kazuo
Mo electronic state in pyrochlore compounds R ₂ Mo ₂ O ₇ (R=rare earths) and ferromagnetic metal to spin glass insulator transition	IMADA , Shin
Temperature dependence of the magnitude of the magnetic circular dichroism in the Mn 2p-3d x-ray absorption for Nd _{1-x} Sr _x MnO ₃	SEKIYAMA , Akira
Study on the Kondo Resonance of Cerium Compounds by 3d-edge Resonance Photoemission Spectroscopy- Intermediate-state and Coherence Effect	CHOI , Byung-Hee
Soft X-ray magnetic circular dichroism study of Nd ₂ Fe ₁₇ and the interstitially modified nitrides	KIMURA , Akio
Co 2p-3d Resonant Photoemission Spectroscopy of CoSb ₃	UEDA , Yoshifumi
Stereo Photographs of Atomic Arrangement in Ultra Thin Magnetic Films:Fe/Cu(001)	OKAMOTO , Shunsuke
Stereo Photographs of Atomic Arrangement of Organic Molecules on Si Surface	OKAMOTO , Shunsuke
Stereoscopic Photographs on Er/Si(111)Surface	OKAMOTO , Shunsuke
Temperature dependence of the energy gap observed for the cubic perovskite manganites	TAKEUCHI , Tsunehiro
Temperature-Dependent High-Resolution Eu 4f Photoemission Spectra of EuPd ₂ Si ₂	MIMURA , Kojiro
Resonant photoemission of Strongly Correlated Transition-Metal and Rare-Earth Alloy Systems at the Transition-Metal 2p and Rare-Earth 3d Edges	KIM , Hyeong-Do

Crystal-structure and composition dependence of Mn and T magnetic moments in ferromagnetic MnTX (T=Co,Rh; X=P,As)	IMADA , Shin
Photoelectron Spectroscopy In Ba ₈ Si ₄₆ and Ba ₈ Si _{46-x} Ge _x Clathrates	KOBAYASHI , Keisuke
Magnetic and electronic properties of colossal magnetoresistance spinels Fe _{0.5} Cu _{0.5} Cr ₂ S ₄ and FeCr ₂ S ₄	DEB , Aniruddha
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Improvement of the performance of the soft X-ray grating monochromator	ISHIGURO , Eiji
Deposition of fullerene by Soft X-ray synchrotron radiation ablation	ISHIGURO , Eiji
Nuclear Motion in the Core-excited States of H ₂ O by Resonant Auger Spectroscopy	HJELTE , Ingela
Study on site-specific fragmentation of polyatomic molecules induced by K-shell excitation using Auger electron-photoion coincidence spectroscopy	TAMENORI , Yusuke
Unusual Behavior in Auger Electron Emission around Kr:2p Ionization Threshold	NAGAOKA , Shin-ichi
Resonant Auger process of core-excited Ne atoms by high-resolution angle-resolved electron spectroscopy	YOSHIDA , Hiroaki
Preparation for the coincidence measurements of the resonant Auger electrons with the angle-resolved fragment ions from core-excited HCl molecules	YOSHIDA , Hiroaki
Non Franck-Condon behaviour in high energy photoelectron emission of hydrogen molecules due to recoil momentum	DE FANIS , Alberto
State-Selective Dissociation Processes initiated by O-H Bond Scission in O 1s Core-Excited Methanol	TOKUSHIMA , Takashi
Dissociation dynamics of inner-shell excited BF ₃ molecule - a challenge to the quadruple coincidence measurements of fragment ions -	MACHIDA , Masatake
Characterization of soft x-ray induced change of fluorocarbon polymer and high speed deposition	KANASHIMA , Takeshi
Preparation of ZrO ₂ /HfO ₂ /PZT thin films for ULSI gate insulator by using SR	OKUYAMA , Masanori
Alignment transfer and lifetime interference effects in the cascade Auger process in the Xe atom probed by ultrahigh-resolution angle-resolved electron spectroscopy	DE FANIS , Alberto

Nuclear motion of a core-excited BF ₃ molecule probed by subnatural-linewidth resonant Auger electron spectroscopy	DE FANIS , Alberto
Vibronic coupling in the core-excited states in BF ₃ and BCl ₃ molecules probed by the ultrahigh-resolution angle-resolved ion yield spectroscopy	IKEJIRI , Kazumasa
Angular distributions of inner-shell photoelectrons emitted from fixed-in-space CO ₂ molecules around the C1s/O1s to σ^* resonances	MACHIDA , Masatake
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Vibrationally resolved photoelectron spectra of CO ₂ near the O1s ionization threshold using a 3D-TOF imaging technique	KUBOZUKA , Kenichiro
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Crystal Structure of Enzyme-Substrate Intermediate of T26E Mutant T4 Phage Lysozyme Determined at 1.35 Resolution	IKURA , Teikichi
Crystal Structure Analysis of glycosyltrehalose-synthase(GTase)from hyperthermophilic archaea in Sulfolobales	TAMADA , Taro

Molecular Conversion of Ovalbumin to Allow a Serpin Conformational Change by Mutation R339T at P14 Site	YAMASAKI , Masayuki
Preliminary X-ray diffraction studies of triflin , a potent voltage-gated Ca ²⁺ channel blocker derived from the venom of Habu snake	HIROTSU , Shoko
X-ray diffraction studies blood coagulation factor IX gla domain complexed with its binding protein	SHIKAMOTO , Yasuo
X-ray Crystallographic Analyses of Bovine Rhodopsin and Its Early Photo-Intermediates	OKADA , Tetsuji
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X-ray Crystallographic study of Serine Racemase	GOTO , Masaru
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Identification of hydrogen atoms of protein at a low temperature	IWAHORI , Fumihiro
Protein Crystallography by MAD Method Using Xe or Cs	TAKEDA , Kazuki
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Crystallographic study on the initial stage in the photo-reactivation of nitrile hydratase	NAKASAKO , Masayoshi
Structure determination of sodium-translocating ATPase from <i>Enterococcus hirae</i>	YAMATO , Ichiro
X-Ray Crystallographic Analysis of ORF3 Protein Involved in the Assembly of Iron-Sulfur Clusters	KAKUTA , Yoshimitsu
X-Ray Crystallographic Analysis of DNA Repair Enzyme RecJ Protein	FUKUYAMA , Keiichi
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X-ray Crystallography of the Calicum Pump of Sarcoplasmic Reticulum	TOYOSHIMA , Chikashi
X-ray crystallography of human DNA homologous recombination protein , Rad52 , and its complex with single-stranded DNA	NUREKI , Osamu
X-ray crystallography of the complex of SeqA , a negative regulator of replication , and a hemi-methylated DNA	NUREKI , Osamu

X-ray crystallography of the complex of epidermal growth factor (EGF) and EGF receptor	NUREKI , Osamu
X-ray crystallography of the complex of centromeric Abp1 protein and its target DNA	NUREKI , Osamu
X-ray crystallography of the cell surface antigen CD38 complexed with ganglioside	NUREKI , Osamu
X-ray crystallography of <i>Pyrococcus horikoshii</i> tRNA-guanine transglycosylase	NUREKI , Osamu
X-ray crystallography of <i>archaeal</i> tRNA methyltransferase(SpoU)	NUREKI , Osamu
Crystallographic analysis of Archaeal-type class-I lysyl-tRNA synthetase	NUREKI , Osamu
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Catalytic activity analysis of novel protein PH0054 from hyperthermophilic archaeobacteria <i>Pyrococcus horikoshii</i> OT3	FUJINO , Aiko
Studies on the mechanisms in halophilic adaptation of salt-tolerant glutaminase	MORIGUCHI , Mitsuaki
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Crystal Structure Analysis of glycosyltrehalose-syntase(GTase)from hyperthermophilic archaea in Sulfolobales	TAMADA , Taro
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The Structure determination of S-ovalbumin , the stabilized form of ovalbumin by alkaline treatment	YAMASAKI , Masayuki

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Crystallographic Studies of LolB by MAD Method Using Xe or Cs	TAKEDA , Kazuki
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Structural studies on the protein complex,human PCNA and FEN-1,in DNA replication	OKADA , Kengo
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Crystal structure analysis of urate oxidase from <i>Bacillus sp</i>	HIBI , Takao
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X-ray crystallography of POIA1 in complex with subtilisin BPN'	TANOKURA , Masaru
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Atomic resolution X-ray studies on functional hydrogen bonds of plant-type ferredoxins	KURISU , Genji

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Protein crystallographic study of a 32K fragment of the flagellar hook protein(H32)and a 26K fragment of the flagellar HAP3 protein(FL26)	IMADA , Katsumi
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SR-IR microspectroscopy of melts , glasses and fluids in Earth forming material science	KAWAMOTO , Tatsuhiko
Preparations for time-resolved experiments using synchronized psec pulsed laser and infrared SR at BL43IR	OKAMURA , Hidekazu
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Measurements of the Time Resolved Distribution Spectra of CN-Vibrational Excited Levels in Halide Crystals with Synchronized Laser-SR Excitation	NAKAGAWA , Hideyuki
Construction of the Absorption and Reflection Spectroscopy Station at Infrared Materials Science Beamline BL43IR	FUKUI , Kazutoshi
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Re-adjustment of Optics in infrared-microscope under high pressure and application to observation of phase change on electronic properties of CuIr_2Se_4	CHEN , Lin

Infrared Spectroscopy of Black P under High-Pressure	AKAHAMA , Yuichi
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Application techniques and measurements of a disease tissue to FT-IR microscopy	MIYOSHI , Norio
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Electronic Structure of CeSb in the Magnetically Ordered States at Low Temperatures under High Magnetic Fields	KIMURA , Shin-ichi
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Infrared Microoptical Spectroscopy of Silicon Clathrate	IKEMOTO , Yuka
Optical Study of Li under high pressure	MORI , Yoshihisa
IR absorption spectra of quartz under high temperature and high pressure with HTDAC	SHINODA , Keiji
Time-resolved far-infrared spectroscopy of semiconductor quantum wells	OKAMURA , Hidekazu
Time-resolved spectroscopy using SR and pulsed laser in the far-infrared region	OKAMURA , Hidekazu
Infrared microspectroscopic study of photo-induced phase transition in spin-crossover complexes	OKAMURA , Hidekazu
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FTIR spectroscopy of organic Thin Films using Synchrotron Radiation	YOKOYAMA , Shiyoshi
IR Spectroscopy on Pressure-Induced Band Overlapped Metallization of Black P	AKAHAMA , Yuichi
Spatial Resolution of Magneto-Optical Imaging Station at BL431R	KIMURA , Shin-ichi

Magnetic phase diagram and phase separation of $Ce_{1-x}La_xSb$ ($x=0,0.1$) studied by infrared magneto-optical spectromicroscopy	KIMURA , Shin-ichi
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Development of infrared microscope under high pressure and its application to spectroscopy on electronic phase transition of $CuIr_2Se_4$	MATSUNAMI , Masaharu
Development of Surface Vibrational Spectroscopy using Synchrotron Radiation and Electron Spectroscopy Techniques	SAKURAI , Sakurai
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Characterization of molecular orientation of rubbed polyimide film by dichroism in microscopic infrared spectroscopy	HIROSAWA , Ichiro
Laser excitation and time-resolved infrared spectroscopy of molybdenum oxides	NEGISHI , Hiroshi
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Dynamics of Individual Specific Sites in Actin Filaments	SASAKI , Yuji
Real-time Observations of Conformational Changes in Single Units of Protein Membranes	SASAKI , Yuji

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Relationship between X-ray Diffraction and Sarcomere Length in Rat Cardiac Muscle	SUGA , Hiroyuki
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X-ray diffraction pattern from suspension of flagellar axonemes from a green alga , <i>Chlamydomonas reinhardtii</i>	IWAMOTO , Hiroyuki
Sizing of the human dihydrolipoyl acetyltransferase and its complexes	ROCHE , Thomas E .
Thermal Phase behavior and Microscopic Structure of Cornea	ANNAKA , Masahiko
Structural changes induced by calcium ions on stretched skinned fibers of skeletal muscle at rigor condition	TAKEMORI , Shigeru
Characterization of the Folding Processes of Ribonuclease A and Apomyoglobin Using Small Angle X-ray Scattering and Fast Solution Mixer	TAKAHASHI , Satoshi
Hierarchic Super-Molecular Structures in Sugar-Integrated Organogelators Explored with Synchrotron Small-Angle X-ray Scattering	SAKURAI , Kazuo
Structure formation of oriented polymers in the early stage of crystallization	FUKAO , Koji
Study on creation of a mesoscopically anisotropic dehydrated gel	SUGIYAMA , Masaaki
Investigation of Structure for Nylon 6 and Other Hydrophilic Polymers on Iodine Doping	KAWAGUCHI , Akio
Study on dynamics of crystallization in polymeric liquids induced by pressure jump	TAKENAKA , Mikihiro
Small angle X-ray scattering of the spasmin solutions in the presence and the absence of free calcium ions	ASAI , Hiroshi
An X-ray Diffraction Study on Right Ventricular Papillary Muscles of Mouse	KAJIYA , Fumihiko
Time-resolved 2D small-angle X-ray scattering studies on mechanism of formation of giant grains of BCC superlattice for spherical microdomains of block copolymers under high pressure	SAKURAI , Shinichi
Ordering and structure formation from oriented glassy states of polymers	FUKAO , Koji
Structural Change in Crystalline Polymers near the melting point Examined by Small Angle X-ray Scattering	TODA , Akihiko
Kinetic SAXS Studies of Target Recognition by Calmodulin	IZUMI , Yoshinobu

Growth dynamics of polypropylene under a temperature gradient using a fine slit system	ASANO , Tsutomu
Small-angle x-ray scattering analysis of the shape changes of axonemal dynein	OIWA , Kazuhiro
X-ray diffraction studies on the structural changes of smooth muscle myosin subfragment-1 diffused into single skeletal muscle fibers: Diffusion to fibers from which endogenous myosin molecules have been extracted	IWAMOTO , Hiroyuki
Assessment of the radiation damage to hydrated biological specimens due to exposure with pinhole-generated X-ray microbeams	IWAMOTO , Hiroyuki
Time-resolved two-dimensional X-ray diffraction pattern recorded from tetanically contracting mammalian skeletal muscle	IWAMOTO , Hiroyuki
Study on dynamical hierarchical structures in diblock copolymer induced by pressure jump	TAKENAKA , Mikihiro
Mechanism of Polymeration of Fluorescent Phospholipid Assembly in Non-polar Solvent by SAXS Method	WANG , Jinye
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Characterization of the Folding Processes of Apomyoglobin Using Small Angle X-ray Scattering and Fast Solution Mixer	TAKAHASHI , Satoshi
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Devil's flower case of isolated hydrogen-bonded compound, d-BrHPLN, at high pressure and low temperature?	KOMIYAMA , Satoshi
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Study on orbital ordering and magnetism of perovskite Ti oxide SmTiO ₃ by X-ray magnetic scattering	KUBOTA , Masato
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Study on Critical Phenomena in Helical Magnet β -MnO ₂ Using X-Ray Magnetic Scattering	SATO , Hirohiko
High-resolution measurement of Au L x-ray angle-dependence in photoionization	YAMAOKA , Hitoshi
Observation of transverse modulation for charge stripe order in La _{1.875} Ba _{0.075} Sr _{0.05} CuO ₄	KIMURA , Hiroyuki
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An XTM study of three-dimensional microstructures of Antarctic micrometeorite collected by JARE 39th	TSUCHIYAMA , Akira
Development of a micro-area diffraction equipment with micro-pinholes for high energy monochromatic X-ray	HAGIYA , Kenji
Dynamic speckle Measurement using a Fresnel zone plate	SUZUKI , Takuya
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Image contrast enhancement of periodic materials using dark field X-ray microscope (basic study for imaging domain structures)	KOHMURA , Yoshiki
Developments of an X-ray Raman scattering spectrometer to measure XAFS with high accuracy	HAYASHI , Hisashi
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Three dimensional structure of sulfide melt in peridotite matrix using X-ray microtomography	YOSHINO , Takashi
3D Analysis of Eutectic Network in Al ₂ O ₃ -YAG Systems	YASUDA , Hideyuki
XFH study on dilute system using cooled APD	HAYASHI , Kouichi

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Electronic and atomic structures study of $Ba_xSr_{1-x}TiO_3$ by XAS spectroscopy	JAN , Jyh-Chyuan
Magnetic , XANES and EXAFS studies of $CeM\chi$ (M=Co,Pt,Y) alloys	CHANG , C . L .
The x-ray absorption spectroscopic study of the formation of PtRu alloy	CHAO , Kuei-jung
Anomalous x-ray scattering study of InGaN thin films and multi-quantum wells with different Indium concentration for atomic structural and chemical analysis	NOH , Do Young
Phase Determination of Charge-Density-Wave by X-ray Multiple-wave Interaction in a Quasi-two-dimensional Material $2H-NbSe_2$	DU , Chao-Hung
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The commissioning of the protein crystallography end station at BL12B2	HUANG , Yu-Shan
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The physical properties of NiAs-type magnetic semiconductors under high-pressure by ADX and EXAFS methods	LIN , Chih-Ming

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The adjustment and the performance test of the beamline and experimental equipments	FUKUSHIMA , Sei
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Development of low-temperature & high-resolution powder diffraction system at BL15XU and its application
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The investigation of inner-shell excitation in heavy elements and 3d elements using third-generation synchrotron radiation
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Fluorescence XAFS Analysis of Some Industrial Materials Using Lytle Detector
DEGUCHI , Hiroshi

Local Structural Analysis of Perovskite Oxides for Solid Oxide Fuel Cells Using XAFS
YOSHIDA , Hiroyuki

XAFS Studies of Electrochemically Prepared Li_{1-x}Ni_{1-y}Co_yO₂
KOGA , Keizo

XAFS Analysis of Plasma Damage Induced in Oxide Thin Films During Deposition
WATANABE , Takashi

XAFS Study in In_xGa_{1-x}N/GaN multiple quantum wells
KOBAYASHI , Kenji

Structural Analysis for Manganese Ion in Organic Solvent by XAFS
OHZONO , Hiroshi

High-temperature XAFS Study on LaMnO₃-related Materials for Fuel Cell
YAMAMOTO , Tohru

Basic Experiment of Heating Furnace for XAFS
WATANABE , Takashi

XAFS study of SiGe thin films
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Local structural study of TaO_x thin films
UEHARA , Yasushi

Fluorescence XAFS Study of Co-based Alloy Magnetic Thin Films
OKUDA , Nobuhiro

Absolute Measurement of the Energy of X-ray Absorption Edges intended for the region of 5-15keV
WATANABE , Takashi

Analysis of Microstructure of Artificially Synthesized Ferric Oxy-hydroxide Iron Rust and Zinc Rust by SR-XAFS
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Structural Analysis of GaInN/GaN Six-quantum Wells using X-ray Absorption Fine Structure Measurements	MIYAJIMA , Takao
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Structure analyses of industrial materials by polarization-XAFS and X-ray reflectivity measurements	NONAKA , Takamasa
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Ti K-edge XAFS Study on Ti Alloys	NONAKA , Takamasa
XAFS Study measurements of InGaN/GaN multiple quantum wells	KOBAYASHI , Kenji
XAFS Study on Ni-Mn-M magnetic films	GONDA , Masayuki
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XAFS Study on Aging Behavior of Aluminum Alloys	WATANABE , Takashi
Structural Analysis for Titanic Acid by XAFS	OHZONO , Hiroshi
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Structural Analysis of GaInN film using X-ray Absorption Fine Structure Measurements	MIYAJIMA , Takao
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XAFS Study of electrochemically lithiated SnO	MIYAKI , Yukio
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XAFS Study on Local Structure of Ce and Zr In Industrial Catalysis -4-	NAGAI , Yasutaka
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Conversion He Ion Yield XAFS Study of Eu ₂ O ₃ using High Flux X-ray	OZAKI , Shinji
Structure Analysis of Amorphous Silicon Nitride Thin Films	YAMAGUCHI , Koji
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Structure Analysis of Liquid Crystals by X-Ray Diffraction	OHMORI , Hirobumi
Characterization of LIGA-based Microstructure Using X-ray Diffraction	HAGA , Koukichi
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Observation of Crystallographic Orientations of Grains of Sub-micron Metal Line with an X-ray Microbeam	HIRANO , Tatsumi
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Chemical state analysis of silicon oxide thin films by XRF method	UEHARA , Yasushi

Chemical state analysis of implanted arsenic in silicon by a wavelength dispersive X-ray fluorescence spectrometer	TAKEMURA , Momoko
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Total Reflection X-ray Fluorescence Analysis of Cu thin films	NISHINO , Junichi
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XAFS study of LiNiO ₂ in secondary batteries by using micro-beam X-ray	SENO , Yoshiki
X-ray diffraction analysis of Si thin films	MIKAMI , Akira
Internal Stress Analysis of Metal-Carbon Gradient Content Films by Grazing-incidence X-ray Diffraction	IWAMURA , Eiji
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Structure Analysis of Liquid Crystals by X-Ray Diffraction	OHMORI , Hirobumi
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Powder X-ray diffraction study of LiMn _{1/2} Fe _{1/2} PO ₄	IWAKOSHI , Yasunobu
Analysis of Oxide Film formed on Ni Base Alloys in High Temperature Water	TERACHI , Takumi
Diffusion of lead in PZT films through top-electrode during annealing	NOMURA , Kenji
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Total Reflection X-ray Fluorescence Analysis of Si wafer	NISHINO , Junichi
Total Reflection X-Ray Fluorescence Analysis of Trace Elements by Energy-Dispersive Detectors and Wavelength-Dispersive Spectrometer	OZAKI , Shinji
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X-ray fluorescence depth profile of implanted arsenic in silicon	TAKEMURA , Momoko

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Microscopic XRD experiments of 0.18 μ m Cu metal line	YAMAZAKI , Takanori
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In-Plane X-ray Diffraction of Co-based Magnetic Thin-Film Media	OHSAWA , Michio
Characterization of GaN substrates by using micro-area x-ray diffraction	KOBAYASHI , Kenji
Crystallographic characterization of poly-Si thin films	NISHINO , Junichi
Crystallite Size and Strain Analysis of Multilayer Thin Films .	UEDA , Kazuhiro
Detection of X-ray-induced Current Using Scanning Tunneling Microscope	ISOMURA , Noritake
Transformation Behavior Analysis in Bulk of Steels by XRD	AKAMIZU , Hiroshi
XAFS Analysis of Some Industrial Materials by Wavelength-Dispersive X-ray fluorescence	OZAKI , Shinji

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X-ray Crystallographic Study of <i>Klebsiella pneumoniae</i> Pullulanase	KATSUYA , Yoshio
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Crystal structure analysis of new-type lectin from algae	KATAYANAGI , Katsuo
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Crystal Structure Analysis of Photosystem Membrane-protein Complex	SHEN , Jian-Ren
Crystallographic analysis of Archaeal-type class I lysyl-tRNA synthetase	TERADA , Takaho
Structural analysis of bacterial transporter protein	NAKAE , taiji
Structure and function of chitinases	NONAKA , Takamasa
X-ray structural study of the reaction mechanism of [NiFe]hydrogenase	OGATA , Hideaki
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Crystallographic study of the protein complex of sigma factor (σ^{28}) and anti-sigma factor (FlgM)	OKADA , Kengo
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Crystallographic analysis of Archaeal-type class I lysyl-tRNA synthetase	TERADA , Takaho
Structural analysis of bacterial transporter protein	NAKAE , Taiji
X-ray structural study of the reaction mechanism of [NiFe] hydrogenase III	OGATA , Hideaki
Three-dimensional structure determination of Caf1-BTG family protein complex	HONBOU , Kazuya

Three-dimensional structure determination of a testis specific oncoprotein	HONBOU , Kazuya
Analysis of the degradation mechanism of alginate in <i>Sphingomonas</i> sp.A1	MISHIMA , Yumiko
Structure and Function of Supramacromolecular Molecular Chaperon	MIKI , Kunio
Diffraction check and Crystallographic study of High-molecular weight cytochrome c .	MORIMOTO , Yukio
X-ray analysis of <i>Escherichia coli</i> MutT protein by the MAD method	YAMAGATA , Yuriko
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Crystal Structure Analysis of Calcium Ion Pump	TOYOSHIMA , Chikashi
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インハウススタッフ利用

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The structural change by spin transition of spin-crossover complexes[Fe (teec)₆](X) (X=BF₄ClO₄)

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High energy x-ray diffraction study of thin section sample mounted on the petrographic slide glass

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Optimization and evaluation of protein crystallography end station for Microgravitorial and Industrial Proteomics with Synchrotron radiation , MIPS

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Local Structure Analysis of Rhodium Supported Alumina for Dry-reforming Reaction using In-situ XAFS

YOKOTA , Shigeru

XAFS studies of Local Structure about Mn atoms in Diluted Magnetic Semiconductors(Ga,Mn)N

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Application of Fluorescence EXAFS to Diluted Mn Systems	TAKAHASI , Masamitsu
Development of beam intensity monitors for high-energetic monochromatic X-ray radiation	KISHI , Noriyuki
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Diffraction pattern observation on thermal barrier coating structure in high energy X-ray region with YAP(Ce)imager	HIROTA , Katsuya
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Development of Total-Reflection Fluorescence XAFS at Low Temperature at BL-38B1 and Its Application to the Study on La _{0.88} Sr _{0.12} CuO ₄ Single Crystal	MIZUKI , Jun'ichiro
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High-throughput SIR and MAD data collections of heavy atom derivative protein crystals KUNISHIMA , Naoki

High energy and high counting rate X-ray imaging with a YAP(Ce) detector HIROTA , Katsuya

R&D of microXAFS Measurement on PX Stage TANIDA , Hajime

APPLICATION OF CMOS FLAT-PANEL DETECTOR TO PROTEIN CRYSTALLOGRAPHY YAGI , Naoto

X-ray fiber diffraction from well oriented sols of F-actin and Native Thin Filament MAKINO , Kouji

R&D of Micro Volume XAFS Measurement on PX stage KIKUCHI , Akihiro

X-ray crystallographic analysis of RuvAB complex structure TSUCHIYA , Daisuke

Rare Gas Mixtures Excited with Synchrotron Radiation X-ray Beam SUZUKI , Masayo

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Structure analysis on retinochrome MORIYAMA , Hideaki

Three-dimensional structure determination of a new crystal form of Human Serum Albumin MORIYAMA , Hideaki

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Low temperature crystal structure of hexagonal intermetallic compound TbPdAl	YOSHII , Kenji
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Development of experimental setup for microbeam at BL47XU	SUZUKI , Yoshio
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X-ray fluorescence imaging with pinhole camera system	TAKANO , Hidekazu
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Development of high spatial resolution x-ray CT system with a high definition CCD camera	UESUGI , Kentaro
Evaluation of focusing properties of the 100nm- Fresnel zone plate for hard x-rays	TAKEUCHI , Akihisa
Test of sample scanning system with Piezoelectric Actuator for Hard X-ray Scanning Microscopy	TAKAI , Kengo

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Measurement of absolute intensity of synchrotron radiation using calorimetric method	ASANO , Yoshihiro
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Rare Gas Mixtures Excited with Synchrotron Radiation X-ray Beam	SUZUKI , Masayo
Chemical analysis of the transition elements in human hair using μ -XRF technique	TERADA , Yasuko