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今後も利用者情報には発行月の2ヶ月前の月末締めで、2ヶ月分ずつ登録された論文情報を掲載していく予定ですが、データベースは毎日更新されていますので、最新情報はSPring-8論文データベース検索ページでご確認ください。なお、実験責任者のかたには、成果が公表されましたら速やかに登録いただきますようお願いいたします。

課題の成果として登録された論文
Acta Crystallographica Section F

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Takayuki Arai	11477	63 (2007) 765-767	2003A0437	BL41XU	三木 邦夫	Crystallization and Preliminary X-ray Crystallographic Study of [NiFe] Hydrogenase Maturation Factor HypE from <i>Thermococcus kodakaraensis</i> KOD1
			2003B0863	BL41XU	三木 邦夫	
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			2005B1798	BL41XU	三木 邦夫	
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Shigeru Sugiyama	11548	63 (2007) 896-898	2006B6806	BL44XU	井上 豪	Preparation, Crystallization and Preliminary Crystallographic Analysis of Old Yellow Enzyme from <i>Trypanosoma cruzi</i>
			2006B1642	BL38B1	井上 豪	
Toshio Hakoshima	11589	63 (2007) 49-51	C04B7426	BL44XU	北野 健	Crystallographic Characterization of the Radixin FERM Domain Bound to the Cytoplasmic Tails of Adhesion Molecules CD43 and PSGL-1
Toshio Hakoshima	11590	63 (2007) 196-199	2002B0740	BL41XU	岡田 健吾	Preparation and Preliminary X-ray Diffraction Analysis of Crystals of Bacterial Flagellar Sigma Factor ²⁸ in Complex with the ²⁸ -binding Region of its Antisigma Factor, FlgM
			2002B0813	BL41XU	岡田 健吾	
Tomoyuki Mori	11593	63 (2007) 844-847	2006B1644	BL38B1	箱嶋 敏雄	Crystallographic Characterization of the Radixin FERM Domain Bound to the Cytoplasmic Tail of Adhesion Molecule CD44
Guntur Fibriansah	11595	62 (2006) 20-22	2005B1799	BL41XU	熊坂 崇	Crystallization and Preliminary Crystallographic Analysis of Endo-1,3- glucanase from Alkaliphilic <i>Nocardioopsis</i> sp. Strain F96

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Hiroyuki Akama	11661	61 (2005) 131-133	C04A7115	BL44XU	中江 太治	Preliminary Crystallographic Analysis of the Antibiotic Discharge Outer Membrane Lipoprotein OprM of <i>Pseudomonas aeruginosa</i> with an Exceptionally Long Unit Cell and Complex Lattice Structure
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Yoshiyuki Yamashita	10907	46 (2007) L77-L79	2005A0161	BL27SU	山下 良之	Soft X-ray Absorption and Emission Study on the Silicon Oxynitride/Si(100) Interface
Yuichi Shimakawa	11493	46 (2007) L845-L847	2006A1664	BL13XU	島川 祐一	Direct Observation of B-site Ordering in Multiferroic $\text{Bi}_2\text{NiMnO}_6$ Thin Film
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Takaya Mitsui	11616	46 (2007) 821-825	2006A3501	BL11XU	三井 隆也	Generation and Application of Ultrahigh Monochromatic X-ray Using High-Quality $^{57}\text{FeBO}_3$ Single Crystal
			2005B3501	BL11XU	三井 隆也	
Takaya Mitsui	11617	46 (2007) L382-384	2006A3501	BL11XU	三井 隆也	Ultrahigh-Pressure Measurement in the Multimegabar Range by Energy-Domain Synchrotron Radiation ^{57}Fe -Mössbauer Spectroscopy Using Focused X-rays
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Takaya Mitsui	11618	46 (2007) L703-L705	2007A3501	BL11XU	三井 隆也	Synchrotron Radiation Mossbauer Spectroscopy Using Doppler-shifted 14.4 keV Single-line ^{57}Fe -Mössbauer Radiation
			2006B3501	BL11XU	三井 隆也	
Takaya Mitsui	11619	46 (2007) L930-L932	2007A3501	BL11XU	三井 隆也	Variable-Frequency Nuclear Monochromator Using Single-Line Pure Nuclear Bragg Reflection of Oscillating $^{57}\text{FeBO}_3$ Single Crystal

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Tomohiro Matsushita	11498	75 (2007) 085419	2005A0445	BL25SU	松下 智裕	Three-dimensional Atomic-arrangement Reconstruction from an Auger-electron Hologram
Hisao Kobayashi	11531	76 (2007) 134108	2004A0514	BL10XU	小林 寿夫	Pressure-induced Amorphization of CuFeS_2 Studied by ^{57}Fe Nuclear Resonant Inelastic Scattering
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Takanori Hattori	11598	76 (2007) 144206	2002B0143	BL04B1	辻 和彦	Pressure-induced Structural Change of Liquid InAs and the Systematics of Liquid III-V Compounds
Tetsu Ichitsubo	11660	76 (2007) 140201(R)	2006A1057	BL35XU	細川 伸也	Nanoscale Elastic Inhomogeneity of a Pd-based Metallic Glass: Sound Velocity from Ultrasonic and Inelastic X-ray Scattering Experiments
Akio Kimura	11682	76 (2007) 115416	2003B0673	BL25SU	木村 昭夫	Electron Correlation and Magnetic Properties of $c(2 \times 2)$ $\text{CuMn/Cu}(001)$ Two-Dimensional Surface Alloys
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Junichi Takaobushi	11727	76 (2007) 205108	2006A1606	BL29XU	田中 秀和	Electronic Structures of $\text{Fe}_{3-x}\text{M}_x\text{O}_4$ ($M=\text{Mn}, \text{Zn}$) Spinel Oxide Thin Films Investigated by X-ray Photoemission Spectroscopy and X-ray Magnetic Circular Dichroism

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Hajime Tanida	11495	83 (2007) 012019-012023	2007A1316	BL39XU	谷田 肇	Development of the Total-Reflection XAFS Method for the Liquid-liquid Interface
Noriyuki Yoshimoto	11502	83 (2007) 012026	2007A1419	BL13XU	吉本 則之	Thin-film Structure of Semiconducting End-capped Origothiophenes
Naoki Awaji	11513	83 (2007) 012034	2007A1559	BL25SU	淡路 直樹	Soft X-ray Resonant Magnetic Reflectivity Study on Induced Magnetism in $[\text{Fe}_{70}\text{Co}_{30}/\text{Pd}]_n$ Super-Lattice Films
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Yohko Yano	11588	83 (2007) 012024	2007A1197	BL37XU	矢野 陽子	X-ray Reflection from a Water Surface Investigated by a New Liquid Interface Reflectometer at Spring-8
Masamitsu Takahashi	11656	83 (2007) 012006	2006A3503	BL11XU	高橋 正光	X-ray Diffraction Study of Self-Organization of InAs Islands on GaAs(001)

Proceedings of the National Academy of Sciences of the United States of America

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Mitsunori Shiroishi	10047	103 (2006) 16412-16417	2005A0878	BL41XU	神田 大輔	Structural Basis for Recognition of the Nonclassical MHC Molecule HLA-G by the Leukocyte Ig-like Receptor B2 (LILRB2/LIR2/ILT4/CD85d)
Norihisa Yasui	11545	104 (2007) 9988-9993	2007A6915	BL44XU	高木 淳一	Structure of a Receptor-binding Reelin Fragment and Mutational Analysis Reveal a Recognition Mechanism Similar to Endocytic Receptors
Masaki Mishima	11592	104 (2007) 10346-10351	C03B7420	BL44XU	岡田 健吾	Structural Basis for Tubulin Recognition by Cytoplasmic Linker Protein 170 and Its Autoinhibition
Kunitoshi Shimokata	11613	104 (2007) 4200-4205	C00A701	BL44XU	吉川 信也	The Proton-pumping Pathway of Bovine Heart
			C00B7001	BL44XU	吉川 信也	Cytochrome c Oxidase
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Kazumasa Muramoto	11615	104 (2007) 7881-7886	C00A701	BL44XU	吉川 信也	A Histidine Residue Acting as a Controlling Site for
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Kouichi Takase	11467	90 (2007) 161916	2006A0096	BL02B2	西堀 英治	Charge Density Distribution of Transparent <i>p</i> -Type Semiconductor (LaO)CuS
			2003B0453	BL02B2	高瀬 浩一	
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Su Jae Kim	11470	91 (2007) 062913	2006A0096	BL02B2	西堀 英治	Direct Observation of Oxide-Ion Stabilization in Layered Ferroelectric Bi _{3.25} La _{0.75} Ti ₃ O ₁₂
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Katsuya Yamamoto	11717	91 (2007) 162909	2006A1115	BL02B2	野口 祐二	High-Oxygen-Pressure Crystal Growth of Ferroelectric Bi ₄ Ti ₃ O ₁₂ Single Crystals
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Hyo-Jong Lee	11730	91 (2007) 202116	2007A1819	BL13XU	嶺岸 耕	Structural Investigation of Nitrided <i>c</i> -sapphire Substrate by Grazing Incidence X-ray Diffraction and Transmission Electron Microscopy

Biochemical and Biophysical Research Communications

Tsunehiro Mizushima	11542	362 (2007) 1079-1084	2006B6832	BL44XU	水島 恒裕	Crystal Structure of Ufc1, the Ufm1-conjugating Enzyme
Yasufumi Umena	11572	350 (2006) 249-256	C05A7226	BL44XU	森本 幸生	The Crystal Structure of L-lactate Oxidase from <i>Aerococcus viridans</i> at 2.1Å Resolution Reveals the Mechanism of Strict Substrate Recognition
			2004A0652	BL41XU	森本 幸生	
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Shu Jie Li	11573	358 (2007) 1002-1007	C05A7226	BL38B1	森本 幸生	Crystallographic Study on the Interaction of L-lactate Oxidase with Pyruvate at 1.9Å Resolution
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Takeshi Murakawa	11582	342 (2006) 414-423	2005B6706	BL44XU	岡島 俊英	Quantum Mechanical Hydrogen Tunneling in Bacterial Copper Amine Oxidase Reaction

Journal of Electron Spectroscopy and Related Phenomena

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Tatsuo Gejo	11063	155 (2007) 119-123	2006A1028	BL27SU	下條 竜夫	The Investigation of Ionization Threshold Region of Ar Cluster by Observing of Fluorescence Lifetime
Tatsuo Gejo	11065	156-158 (2007) 274-278	2003B0274	BL27SU	下條 竜夫	The Vibrational Structure of the Lowest Energy Satellite Bands in the C 1s Core Level Photoemission of CO
			2005A0033	BL27SU	下條 竜夫	
FangZhun Guo	11496	156-158 (2007) 482-485	2005A0646	BL27SU	奥田 太一	Spin Reorientation at the Interface of Fe/NiO(001)

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Masanori Inui	11537	353 (2007) 3376-3379	2003A0025	BL28B2	乾 雅祝	X-ray Diffraction Measurements for Liquid Ge-Si Alloys using Synchrotron Radiation
			2003B0017	BL28B2	乾 雅祝	
Masanori Inui	11538	353 (2007) 3371-3375	2002A4020	BL28B2	田村 剛三郎	Wide and Small Angle X-ray Scattering Measurements for Expanded Fluid Se Accompanying the Semiconductor-Metal and Metal-Nonmetal Transition
			2003B0205	BL04B2	乾 雅祝	
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Shuuta Tahara	11506	353 (2007) 1994-1998	2005A0711	BL04B2	武田 信一	Structure of the Molten Silver Chloride

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Hiroshi Fujihisa	10908	98 (2007) 175501	2004A0541	BL10XU	赤浜 裕一	Incommensurate Structure of Phosphorus Phase IV
Atsushi Yamasaki	11032	98 (2007) 156402	2001A0158	BL25SU	難波 孝夫	Coexistence of Strongly Mixed-Valence and Heavy-Fermion Character in SmOs ₄ Sb ₁₂ Studied by Soft- and Hard-X-Ray Spectroscopy
			2002A0433	BL25SU	今田 真	
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Kim Nygård	11695	99 (2007) 197401	2005A0438	BL08W	Hamalainen Keijo	Configurational Energetics in lce <i>1h</i> Probed by Compton Scattering

Biochemistry

Jai Kaushik	11565	45 (2006) 7100-7112	2001A0089	BL41XU	油谷 克英	Completely Buried, Non-Ion-Paired Glutamic Acid
			2001A0565	BL40B2	油谷 克英	Contributes Favorably to the Conformational Stability of Pyrrolidone Carboxyl Peptidases from Hyperthermophiles
			C01B7149	BL44XU	山縣 ゆり子	
Yen-Cheni Chiu	11583	45 (2006) 4105-4120	C02A7304	BL44XU	岡島 俊英	Kinetic and Structural Studies on the Catalytic Role of the Aspartic Acid Residue Conserved in Copper Amine Oxidase

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Yasuhiro Konishi	11478	53 (2007) 186-192	2005B0126	BL37XU	小西 康裕	Microbial Deposition of Gold Nanoparticles by the Metal-Reducing Bacterium <i>Shewanella algae</i>
Masaaki Hirayama	11516	53 (2007) 871-881	2004B0418	BL14B1	菅野 了次	Characterization of Electrode/electrolyte interface using <i>in situ</i> X-ray Reflectometry and LiNi _{0.8} Co _{0.2} O ₂ Epitaxial Film Electrode Synthesized by Pulsed Laser Deposition Method

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Terukazu Nogi	11544	25 (2006) 3675-3683	2007A6915	BL44XU	高木 淳一	Structure of a Signaling-competent Reelin Fragment Revealed by X-ray Crystallography and Electron Tomography
Kyouko Itoh	11614	26 (2007) 1713-1725	C00A701	BL44XU	吉川 信也	Structures and Physiological Roles of All the Integral Lipids of Bovine Heart Cytochrome c Oxidase
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FEBS Letters

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Sergei Vasil'ev	11561	561 (2004) 111-116	2004B0286	BL41XU	沈 建仁	The Orientations of Core Antenna Chlorophylls in Photosystem II are Optimized to Maximize the Quantum Yield of Photosynthesis
Keisuke Kawakami	11563	581 (2007) 4983-4987	2007A1241	BL41XU	沈 建仁	Location of PsbY in Oxygen-evolving Photosystem II Revealed by Mutagenesis and X-ray Crystallography
			2006B6813	BL44XU	神谷 信夫	

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Kenichi Eguchi	10987	40 (2007) s264-s268	2006A1534	BL40B2	櫻井 和朗	Salt-concentration Dependence of the Structure and Form Factors for the Wormlike Micelle Made from a Dual Surfactant in Aqueous Solutions
			2006A1510	BL40B2	櫻井 和朗	
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			2005B0150	BL40B2	Jeong Yeonhwan	
Andrew Quantock	11697	40 (2007) 335-340	2006A1012	BL40XU	Quantock Andrew	Small-Angle Fibre Diffraction Studies of Corneal Matrix Astructure: a Depth-Profiled Investigation of the Human Eye-Bank Cornea

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Shinichi Terawaki	11591	282 (2007) 19854-19862	2005A0035	BL41XU	北野 健	Structural Basis for Type II Membrane Protein Binding by ERM Proteins Revealed by the Radixin-neutral Endopeptidase 24.11 (NEP) Complex
Genji Kurisu	11649	280 (2005) 2275-2281	2004A7132	BL44XU	楠木 正巳	A Structural Basis of <i>Equisetum arvense</i> Ferredoxin Isoform II Producing an Alternative Electron Transfer with Ferredoxin-NADP ⁺ Reductase

The Journal of Physical Chemistry C

Kazu Okumura	11508	111 (2007) 14426-14432	2007A1417	BL01B1	奥村 和	In-Situ QXAFS Studies on the Dynamic Coalescence and Dispersion Processes of Pd in the USY Zeolite
Hiroshi Noguchi	11737	111 (2007) 248-254	2006A1659	BL02B2	金子 克美	Evaluation of an Effective Gas Storage Amount of Latent Nanoporous Cu-Based Metal-Organic Framework

Journal of Physics and Chemistry of Solids

Satoshi Tsutsui	11691	68 (2007) 2099-2102	2004B0143	BL08W	筒井 智嗣	Magnetic Compton Scattering Study of NpNiGa ₅
			2005A0436	BL08W	筒井 智嗣	
Nobuyoshi Hosoito	11706	68 (2007) 2153-2157	2005B0262	BL39XU	細系 信好	Distribution of the Magnetic Scattering Amplitudes in the Fe/Cu Multilayer Investigated by Resonant Magnetic Diffraction with Circularly Polarized Hard X-rays

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Shinji Kohara	11694	19 (2007) 506101	2004B0751	BL08W	小原 真司	Structural Studies of Disordered Materials using High-Energy X-ray Diffraction from Ambient to Extreme Conditions
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Masanori Inui	11698	19 (2007) 466110	2006B1146	BL35XU	乾 雅祝	Viscoelastic Narrowing of a Collective Mode in Molten CsCl Observed by Inelastic X-ray Scattering

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Ryuta Mizutani	10885	14 (2007) 282-287	2006B1716	BL20XU	水谷 隆太	Computed Tomography Imaging of the Neuronal Structure of <i>Drosophila</i> Brain
			2006A1191	BL47XU	上杉 健太郎	
Masaki Oura	11521	14 (2007) 483-486	理研	BL17SU		Degree of Circular Polarization of Soft X-rays Emitted from a Multi-Polarization-mode Undulator Characterized by Means of Magnetic Circular Dichroism Measurements
			2003B0258	BL25SU	中村 哲也	

Journal of the American Chemical Society

Robyn H. Moore	11584	129 (2007) 11524-11534	2005B6706	BL44XU	岡島 俊英	Trapping of a Dopaquinone Intermediate in the TPQ Cofactor Biogenesis in a Copper-containing Amine Oxidase from <i>Arthrobacter globiformis</i>
Katsumi Kaneko	11726	129 (2007) 12362-12363	2007A1447	BL02B2	金子 克美	Double-Step Gas Sorption of a Two-Dimensional Metal-Organic Framework
			2006B1587	BL02B2	金子 克美	

Journal of the Korean Physical Society

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Satoshi Wada	9357	46 (2005) 303-307	2003B0029	BL02B2	八島 正知	Size Dependence of Dielectric Properties for nm-sized Barium Titanate Crystallites and Its Origin
Yoshihiro Terado	11468	51 (2007) 764-767	2006A0096	BL02B2	西堀 英治	Charge Density Distribution of PbHfO ₃ in Antiferroelectric Phase

Journal of the Physical Society of Japan

Koji Yoshida	11536	76 (2007) 11-12	2004B0635	BL35XU	山口 敏男	Inelastic X-ray Scattering of Sub- and Supercritical Methanol
Masahiro Nagao	11711	76 (2007) 103706	2006B4504	BL15XU	長尾 全寛	Diffuse Phase Transition and Anisotropic Evolution of Nanodomains in Nd _{0.2} Sr _{0.8} MnO ₃

Molecular Cell

Satoshi Watanabe	11474	27 (2007) 29-40	2003A0437	BL41XU	三木 邦夫	Crystal Structures of [NiFe] Hydrogenase Maturation Proteins, HypC, HypD and HypE: Insights into Cyanation Reaction by Thiol Redox Signaling
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			2005B1798	BL41XU	三木 邦夫	
			2006A2716	BL41XU	三木 邦夫	
			2006B2664	BL41XU	三木 邦夫	
Tsuyoshi Imasaki	11512	28 (2007) 57-67	2005B1811	BL41XU	橋本 博	Structural Basis for Substrate Recognition and Dissociation by Human Transportin 1

Advanced Materials

Yoshitake Toda	11676	19 (2007) 3564-3569	2005A0154	BL47XU	細野 秀雄	Work Function of a Room-Temperature Stable Electride [Ca ₂₄ Al ₂₈ O ₆₄] ¹⁴⁺ (e ⁻) ₄
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American Mineralogist

Shigeaki Ono	11479	92 (2007) 1624-1629	2003B0031	BL04B1	小野 重明	In situ Observation of the Decomposition of Kyanite at High Pressures and High Temperatures
			2004A0007	BL04B1	小野 重明	

Cell

Kenji Inaba	11540	127 (2006)	2006A6805	BL44XU	稲葉 謙次	Crystal Structure of the DsbB-DsbA Complex Reveals a Mechanism of Disulfide Bond Generation
		789-801	2005B6702	BL44XU	稲葉 謙次	

Channels

Atsushi Nakagawa	11530	1 (2007) 39-45	C03A7000	BL44XU	山下 栄樹	Structural Diversity in the Cytoplasmic Region of G Protein-gated inward Rectifier K ⁺ Channel
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Chemosphere

Satoshi Mitsunobu	11748	70 (2008) 942-947	2006A1596	BL01B1	光延 聖	Abiotic Reduction of Antimony(V) by Green Rust (Fe ₄ (II)Fe ₂ (III)(OH) ₁₂ SO ₄ ·3H ₂ O)
			2006B1704	BL01B1	光延 聖	

Coordination Chemistry Reviews

Yoshiki Kubota	11546	251 (2007) 2510-2521	2005B0846	BL02B2	北川 進	Observation of Gas Molecules Adsorbed in the Nanochannels of Porous Coordination Polymers by the <i>in situ</i> Synchrotron Powder Diffraction Experiment and the MEM/Rietveld Charge Density Analysis
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Crystal Research and Technology

Noriyuki Yoshimoto	11658	42 (2007) 1228-1231	2007A1419	BL13XU	吉本 則之	Characterization of in-plane Structures of Vapor Deposited Thin-Films of Distyryl-Oligothiophenes by Grazing Incidence X-ray Diffractometry
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The FASEB Journal

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Stuart Hooper	11659	21 (2007) 3329-3337	2006B0002	BL20B2	Lewis Rob	Imaging Lung Aeration and Lung Liquid Clearance at Birth

Geochimica et Cosmochimica Acta

Yoshio Takahashi	11743	71 (2007) 5180-5190	2001B0393	BL01B1	高橋 嘉夫	An Atomic Level Study of Rhenium and Radiogenic Osmium in Molybdenite
			2003B0384	BL37XU	高橋 嘉夫	
			2004B0169	BL37XU	高橋 嘉夫	
			2005B0181	BL37XU	高橋 嘉夫	
			R04A0023	BL38B1	宇留賀 朋哉	

IEEE Transactions on Applied Superconductivity

Tomoya Horide	11522	17 (2007) 3729-3732	2006A1385	BL40B2	松本 要	Vortex Pinning by Gold Nanorods in GdBa ₂ Cu ₃ O _{7-x}
			2005A0245	BL40B2	松本 要	Thin Films

IEICE Transactions on Electronics

Ichiro Hirose	11625	E90-C (2007) 2070-2075	2006A1818	BL46XU	廣沢 一郎	Effect of Rubbing on Polymers for Liquid Crystal Alignment Film Studied by Grazing-Incidence X-ray Diffraction and Reflection Ellipsometry
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Infection and Immunity

Shunichi Nishikubo	11674	74 (2006) 7014-7020	C03A7423	BL44XU	片柳 克夫	Single Nucleotide Polymorphism in the Cytolethal Distending Toxin B Gene Confers Heterogeneity in the Cytotoxicity of <i>Actinobacillus actinomycetemcomitans</i>
			2004B0934	BL40B2	片柳 克夫	

Journal of Alloys and Compounds

Keiji Itoh	11507	446-447 (2007) 19-22	2006A1308	BL04B2	伊藤 恵司	Structure of Amorphous CeFe ₂ D _{3,9} Observed by X-ray and Neutron Diffraction
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The Journal of Biochemistry

Kentaro Iwata	11622	142 (2007) 413-419	2005B6500	BL44XU	鈴木 守	High-resolution Crystal Structure of α_2 -Microglobulin Formed at pH 7.0
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Journal of Materials Research

Katsuhiro Nomura	11480	22 (2007) 2647-2650	2003B0977	BL01B1	蔭山 博之	Ultramarine Colored : Solid-phase Elution of Pt into Perovskite Oxides
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Journal of Molecular Biology

Takeshi Hiromoto	11604	364 (2006) 878-896	2001B0385	BL40B2	山口 宏	Crystal Structure of 3-Hydroxybenzoate Hydroxylase from <i>Comamonas testosteroni</i> Has a Large Tunnel for Substrate and Oxygen Access to the Active Site
			C04B7128	BL44XU	山口 宏	

Journal of Physical Chemistry C

Michio Okada	11721	111 (2007) 17340-17345	2006A1609	BL23SU	岡田 美智雄	Unravelling the Role of Steps in Cu ₂ O Formation via Hyperthermal O ₂ Adsorption at Cu(410)
			2005B0049	BL23SU	笠井 俊夫	

Journal of the Electrochemical Society

Masaaki Hirayama	11517	154 (2007) A1065-A1072	2003B0135	BL14B1	菅野 了次	Characterization of Electrode/Electrolyte Interface with X-Ray Reflectometry and Epitaxial-Film LiMn ₂ O ₄ Electrode
			2004B0418	BL14B1	菅野 了次	

Key Engineering Materials

Kiyohito Okamura	11675	352 (2007) 65-68	2005B0880	BL04B2	岡村 清人	Atomic-scale Structure of Polymer-route Si-C-O Fibers Observed by Synchrotron Radiation X-ray Diffraction
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Macromolecules

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Tsukasa Miyazaki	11715	40 (2007) 8277-8284	2004B0103	BL40B2	宮崎 司	Structure Model of a Poly(vinyl alcohol) Film Uniaxially Stretched in Water and the Role of Crystallites on the Stress-Strain Relationship
			2005A0014	BL40B2	宮崎 司	
			2006B1210	BL40B2	宮崎 司	

Nature

Motoyuki Hattori	11523	448 (2007) 1072-1075	2006B2658	BL41XU	濡木 理	Crystal Structure of the MgtE Mg ²⁺ Transporter
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Nuclear Instruments and Methods in Physics Research Section B

Akihiro Iwase	10887	256 (2007) 429-433	2005A0295	BL39XU	岩瀬 彰宏	Study on Irradiation-Induced Magnetic Transition in FeRh Alloys by Means of Fe K-edge XMCD Spectroscopy
			2004B0420	BL39XU	岩瀬 彰宏	

Polymer Journal

Mikihito Takenaka	11738	39 (2007) 1112-1116	2004B0096	BL45XU	竹中 幹人	Self-Assembling in Polymerization Processes of N-Isopropylacrylamide
			2005A0690	BL45XU	竹中 幹人	
			2006A1123	BL45XU	竹中 幹人	

Protein Science

Takahiko Yamamoto	8610	15 (2006) 152-161	2001A0336	BL38B1	甲斐 泰	Crystal Structure of TBP-interacting Protein(<i>Tk</i> -TIP26) and Implications for Its Inhibition Mechanism of the Interaction between TBP and TATA-DNA
			2004B0538	BL40B2	井上 豪	
			C00A73G	BL44XU	甲斐 泰	

Proteins : Structure, Function, and Bioinformatics

Guntur Fibriansah	11596	69 (2007) 683-690	2005B1799	BL41XU	熊坂 崇	The 1.3Å Crystal Structure of a Novel Endo- α -1,3-glucanase of Glycoside Hydrolase Family 16 from Alkaliphilic <i>Nocardiposis</i> sp. Strain F96
			理研	BL26B1		

Review of Scientific Instruments

FangZhun Guo	11497	78 (2007) 066107	2005B0246	BL17SU	Guo FangZhun	Characterization of Spectroscopic Photoemission and Low Energy Electron Microscope Using Multipolarized Soft X Rays at BL17SU/SPring-8
			2006A1174	BL17SU	Guo FangZhun	

Thin Solid Films

Kiyoshi Nomura	11620	515 (2007) 8645-8648	2005B3501	BL11XU	三井 隆也	Room-temperature Magnetism in Chemically Oxygenated Conducting Oxide Sr ₂ FeCoO ₆
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Structure

Shun-ichi Sekine	11541	14 (2006) 1791-1799	2003B0309	BL41XU	関根 俊一	Structural Bases of Transfer RNA-dependent Amino Acid Recognition and Activation by Glutamyl-tRNA Synthetase
			C04B7113	BL44XU	関根 俊一	

Surface Science

FangZhun Guo	11511	601 (2007) 4686-4689	2004B0561	BL27SU	奥田 太一	Surface Antiferromagnetic Domain Structures of NiO(001) Studied using UV Photoemission Electron Microscope
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材料 (Journal of the Society of Materials Science, Japan)

Kenji Suzuki	11494	56 (2007) 585-593	2005B0042	BL02B1	鈴木 賢治	Residual Stress in Zirconia Coating by EB-PVD Method
			2006A1752	BL02B1	鈴木 賢治	
			2005B0812	BL02B1	川村 昌志	

課題以外の成果として登録された論文

Journal of Molecular Biology

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	タイトル
Wakana Iwasaki	11475	371 (2007) 123-136	理研 理研	BL44B2 BL45XU	The Asymmetric Structure of the Stationary Phase Survival Protein SurE Tetramer from <i>Thermus thermophilus</i> HB8
Ikuko Hayashi	11515	372 (2007) 918-926	装置技術	BL44XU	Crystallographic Evidence for Water-assisted Photo-induced Peptide Cleavage in the Stony Coral Fluorescent Protein Kaede
Bagautdin Bagautdinov	11567	373 (2007) 424-438	理研	BL26B1	Crystal Structures of Shikimate Dehydrogenase AroE from <i>Thermus thermophilus</i> HB8 and its Cofactor and Substrate Complexes: Insights into the Enzymatic Mechanism
Kozo Morimoto	11600	360 (2006) 117-132	装置技術	BL44XU	The Asymmetric IscA Homodimer with an Exposed [2Fe-2S] Cluster Suggests the Structural Basis of the Fe-S Cluster Biosynthetic Scaffold

Acta Crystallographica Section F

Seong Kim	11473	53 (2007) 556-559	理研	BL45XU	Crystallization and Preliminary X-ray Analysis of the Oxygenase Component (HpaB) of 4-Hydroxyphenylacetate 3-Monooxygenase from <i>Thermus thermophilus</i> HB
Hisashi Mizutani	11566	63 (2007) 792-794	理研	BL26B1	Purification, Crystallization and Preliminary X-ray Analysis of the Fumarylacetoacetase Family Member TTHA0809 from <i>Thermus thermophilus</i> HB8

Physical Review B

Munetaka Taguchi	11519	76 (2007) 169901(E)	理研	BL29XU	Erratum: Bulk Screening in Core-level Photoemission from Mott-hubbard and Charge-transfer Systems [Phys. Rev. B 71, 155102 (2005)]
Kouji Horiba	11520	76 (2007) 155104	理研	BL17SU	Electronic Structure of LaNiO _{3-x} : An <i>in situ</i> Soft X-ray Photoemission and Absorption Study

Applied Physics Letters

Ayako Ohmura	11534	91 (2007) 151904	原研	BL22XU	Photochromism in Yttrium Hydride
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Japanese Journal of Applied Physics

Masaru Kitamura	11501	46 (2007) 4330-4332	装置技術	BL15XU	Rocking Curve Calculation for YB ₆₆ Crystal
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Journal of Physics and Chemistry of Solids

Akane Agui	11690	68 (2007) 2148-2152	原研	BL23SU	Microscopic Magnetic Property of Perpendicular Magnetic Films of Dy _x Co _{100-x} Measured Using Soft X-ray Magnetic Circular Dichroism
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Journal of Physics: Conference Series

Hiroshi Takahashi	11581	83 (2007) 012022	理研	BL45XU	Small Angle X-ray Scattering Study on Effect of Replacement of Hydrogen Oxide (H ₂ O) by Deuterium Oxide (D ₂ O) on Anionic Phospholipid Bilayers
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Journal of the Physical Society of Japan

Takaya Mitsui	11654	74 (2005) 3122-3123	原研	BL11XU	Nuclear Resonant Scattering of Synchrotron Radiation by ¹⁵⁸ Gd
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Nuclear Instruments and Methods in Physics Research Section A

Kazuki Ito	11580	582 (2007)	装置技術	BL44B2	Novel Fast-arrayed CCD X-ray Detector using Interline Transfer-type CCD for Time-resolved X-ray Diffraction Measurements
		673-682	装置技術	BL45XU	

Structure

Yuu Hirano	11476	15 (2007) 963-976	理研	BL44B2	Structural Studies of the Cpx Pathway Activator NlpE on the Outer Membrane of <i>Escherichia coli</i>
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材料 (Journal of the Society of Materials Science, Japan)

Jun-ichi Shibano	11720	56 (2007) 985-992	原研	BL14B1	Measurement of Internal Strain in Materials Using High Energy Synchrotron Radiation White X-Rays
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