

最近Spring-8から発表された成果リスト

財団法人高輝度光科学研究センター
利用業務部

Spring-8において実施された研究課題等の成果が公表された場合はJASRIの成果登録データベースに登録していただくことになっており、以下のホームページから検索できます。

<http://4users.spring8.or.jp/publ/>

このデータベースに登録された原著論文の内、平成17年2月～3月にその別刷もしくはコピー等を受理したものの（登録時期は問いません）を以下に紹介します。論文の情報（主著者、巻、発行年、ページ、タイトル）に加え、データベースの登録番号（研究成果番号）を掲載していますので、詳細はホームページでご覧いただくことができます。また実施された課題の情報（課題番号、チームライン、実験責任者名）も掲載しています。課題番号は最初の4文字が「year」、次の1文字が「term」、後ろの4文字が「proposal no.」となっていますので、この情報から以下のHPで公表している、各課題の英文利用報告書（Spring-8 User Experiment Report）を探してご覧いただくことができます。

http://www.spring8.or.jp/e/user_info/user_ex_repo/

今後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、ホームページは毎日更新されていますので、最新情報はホームページをご覧ください。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

Journal of Molecular Biology

主著者	巻、発行年、ページ	研究成果番号	課題番号	チームライン	実験責任者	タイトル
Su-Chang Lin	343 (2004) 477-491	6753	R01B0043	BL38B1	Moriyama Hideaki	Crystal Structures and Electron Micrographs of Fungal Volvatoxin A2
			C03B1017	BL12B2	Liaw Yen- Chywan	
Yu-Chih Lo	330 (2003) 539-551	6754	R01B0043	BL38B1	Moriyama Hideaki	Crystal Structure of <i>Escherichia coli</i> Thioesterase I/Protease I/Lysophospholipase L ₁ : Consensus Sequence Blocks Constitute the Catalytic Center of SGNH-hydrolases through a Conserved Hydrogen Bond Network
Takuo Osawa	345 (2005) 1111-1118	7149	2004A0195	BL38B1	角田 佳充	Crystal Structure of the Alginate (Poly -L-guluronate) Lyase from <i>Corynebacterium</i> sp. at 1.2 Resolution
			2003A0410	BL38B1	角田 佳充	
Yasuo Tsunaka	345 (2005) 1171-1183	7172	C03A7424	BL44XU	金谷 茂則	Identification of Single Mn ²⁺ Binding Sites in the Mutant Proteins of <i>E. coli</i> RNase HI at Glu48 and/or Asp134 by X-ray Crystallography
			2003B0828	BL38B1	金谷 茂則	
			2003B0830	BL41XU	金谷 茂則	
			C03B7424	BL44XU	金谷 茂則	

Physical Review Letters

Yasuhiro Inamura	93 (2004) 015501	7024	2001A0350	BL04B1	稲村 泰弘	Transformations in the Intermediate-Range Structure of SiO ₂ Glass under High Pressure and Temperature
			2001B0159	BL04B1	稲村 泰弘	
			2002A0553	BL04B1	稲村 泰弘	
			2002B0588	BL04B1	稲村 泰弘	
			原研	BL11XU		
			原研	BL14B1		
Masasi Nakamura	94 (2005) 035501	7176	2003A0382	BL13XU	伊藤 正時	Monomer Structures of Water Adsorbed on p(2 × 2)-Ni(111)-O Surface at 25 and 140 K by Surface X-Ray Diffraction
			2004A0223	BL13XU	伊藤 正時	
Yong Cai	94 (2005) 025502	7363	C03A1504	BL12XU	Cai Yong	Ordering of Hydrogen Bonds in High-Pressure Low-Temperature H ₂ O
			C04A1500	BL12XU	Cai Yong	
Yuya Shinohara	94 (2005) 097801	7395	C03B7301	BL44XU	雨宮 慶幸	Observation of the Transient Rotator Phase of <i>n</i> -Hexadecane in Emulsified Droplets with Time-Resolved Two-Dimensional Small- and Wide-Angle X-Ray Scattering

Physics of the Earth and Planetary Interiors

主著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
Norimasa Nishiyama	143-144 (2004) 185-199	4484	1999A0102	BL04B1	入船 徹男	Precise Determination of Phase Relations in Pyrolite across the 660km Seismic Discontinuity by in-situ X-Ray Diffraction and Quench Experiments
Tetsuo Irifune	143-144 (2004) 593-600	4846	1999A0134	BL04B1	内海 渉	Formation of Pure Polycrystalline Diamond by Direct Conversion of Graphite at High Pressure and High Temperature
Tsuyoshi Kurashina	145 (2004) 67-74	6362	2003A0013	BL10XU	巽 好幸	Phase Transition of Al-bearing CaSiO ₃ Perovskite: Implications for Seismic Discontinuities in the Lower Mantle
Eiji Ohtani	143-144 (2004) 255-269	7179	2001B0415	BL04B1	大谷 栄治	Water Transport into the Deep Mantle and Formation of a Hydrous Transition Zone
	2002A0298		BL04B1	大谷 栄治		
	2002B0567		BL04B1	久保 友明		

FEBS Letters

Yoshikazu Tanaka	556 (2004) 167-174	6734	2002B0387	BL41XU	姚 閔	Structural Implications for Heavy Metal-Induced Reversible Assembly and Aggregation of a Protein: the Case of <i>Pyrococcus horikoshii</i> CutA
Tatsuya Horio	577 (2004) 111-116	7178	C02B8039	BL32B2	村井 正俊	Crystal Structure of Human ISG20, an Interferon-Induced Antiviral Ribonuclease
	C03A8057		BL32B2	村井 正俊		
	C03B8097		BL32B2	村井 正俊		
Masayoshi Nakasako	579 (2005) 1067-1071	7297	2004A0317	BL40B2	中迫 雅由	Quaternary Structure of LOV-Domain Containing Polypeptide of <i>Arabidopsis</i> FKF1 Protein
	2003B0141		BL40B2	中迫 雅由		

Journal of the Electrochemical Society

Ewa Rönnebro	151 (2004) A1738-A1744	7202	2003A0857	BL19B2	和田 仁	Structural Analysis by Synchrotron XRD of a Ag ₅₂ Sn ₄₈ Nanocomposite Electrode for Advanced Li-Ion Batteries
			2003B0771	BL19B2	和田 仁	
Ewa Rönnebro	152 (2005) A152-A157	7203	2003A0857	BL19B2	和田 仁	Reaction Mechanism of a Ag _{36.4} Sb _{15.6} Sn ₄₈ Nanocomposite Electrode for Advanced Li-Ion Batteries
			2003B0771	BL19B2	和田 仁	
Kotaro Mizuno	152 (2005) C179-C182	7271	2004A0201	BL01B1	伊崎 昌伸	Structural and Electrical Characterizations of Electrodeposited p-Type Semiconductor Cu ₂ O Films

Physical Review B

Angelika Chassé	71 (2005) 014444	7166	2001A0051	BL25SU	Kirschner Jürgen	Magnetism-Induced Symmetry Breaking in Photoelectron Diffraction Patterns
Xu-guang Zheng	71 (2005) 052409	7304	2003B0365	BL02B2	鄭 旭光	Unconventional Magnetic Transitions in the Mineral Clinoatacamite Cu ₂ Cl(OH) ₃
Shigemasa Suga	70 (2004) 155106	7320	2001B1009	BL25SU	菅 滋正	High-Energy Angle-Resolved Photoemission Spectroscopy Probing Bulk Correlated Electronic States in Quasi-One-Dimensional V ₆ O ₁₃ and SrCuO ₂

Applied Surface Science

Shuji Matsuo	228 (2004) 233-244	5915	2000A0043	BL01B1	脇田 久伸	Role in Photocatalysis and Coordination Structure of Metal Ions Adsorbed on Titanium Dioxide Particles: A Comparison between Lanthanide and Iron Ions
Tomoaki Kawamura	216 (2003) 361-364	6632	C02B5032	BL24XU	渡辺 義夫	In situ Observation of Step-Terrace Structures on MOVPE Grown InP(001) by using Grazing X-ray Scattering

Chemical Physics Letters

Rami Sankari	380 (2003) 647-653	5340	2003A0704	BL27SU	De Fanis Alberto	Vibrationally Resolved O 1s Photoelectron Spectrum of Water
			2003A0016	BL27SU	Piancastelli Maria N.	
			2002B0413	BL27SU	仙波 泰徳	
Maria Piancastelli	399 (2004) 426-432	6903	2001B0050	BL27SU	Piancastelli Maria N.	Experimental and Theoretical Study of Resonant Auger Decay of Core-Excited NO ₂

Japanese Journal of Applied Physics

主著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
Masami Ando	43 (2004) L1175-L1177	6694	2003B0657	BL20B2	安藤 正海	Construction of X-ray Dark-Field Imaging with a View Size of 80 mm Square and First Visualization of Human
			C03B5054	BL24XU	安藤 正海	Articular Cartilage at Femoral Head under a Nearly Clinical Condition
Shinya Hosokawa	44 (2005) 1011-1012	7201	2003B0048	BL37XU	細川 伸也	Three-Dimensional Atomic Image around Mn Atoms in Diluted Magnetic Semiconductor Zn _{0.4} Mn _{0.6} Te Obtained by X-Ray Fluorescence Holography

Journal of the American Chemical Society

Shoko Kume	127 (2005) 490-491	7231	2003A0454	BL04B2	尾中 証	Reversible Photoelectronic Signal Conversion Based on Photoisomerization-Controlled Coordination Change of Azobenzene-bipyridine Ligands to Copper
Ryotaro Matsuda	126 (2004) 14063	7281	2004B0327	BL02B2	北川 進	Guest Shape Responsive Fitting of Porous Coordination Polymer with Shrinkable Framework

Journal of Crystal Growth

M. Shinbara	210 (2000) 187-192	6118	2000A0334	BL28B2	近浦 吉則	X-ray Scattering Topographic Observation for ZnSe and ZnTe Bulk Crystals
Tomoaki Kawamura	237-239 (2002) 398-402	6635	C02A5032	BL24XU	渡辺 義夫	Real-Time Observation of Surface Morphology of Indium Phosphide MOVPE Growth with using X-ray Reflectivity Technique

Journal of Organometallic Chemistry

Satoru Onaka	690 (2004) 57-68	7112	2002B0300	BL04B2	尾中 証	The Effect of Carbon Chain Length of the Diphosphine Ligand on the Auophilic Interaction. Synthesis and X-ray Structural Study for a Series of Au(I) Compounds with Ph ₂ P-R-PPh ₂ and S-(CH ₂) _n -py Ligands
			2003A0454	BL04B2	尾中 証	
			2003B0346	BL04B2	高木 繁	
Keiko Nunokawa	690 (2004) 48-56	7113	2003A0454	BL04B2	尾中 証	Exploration on on Au(S-4-py)PR ₃ Complexes as a Viable Building Block for Constructing Hetero-Nuclear Supramolecules: Synthesis and X-ray Study on M(acac') ₂ [Au(S-4-py)PR ₃] ₂ (ClO ₄) _x (M = Cr, Cu; acac' = acetylacetone, hexafluoro-acetylacetone; x = 0 or 1)
			2003A0455	BL04B2	尾中 証	

Journal of the Physical Society of Japan

James Allen	74 (2005) 34-48	6998	2000B0335	BL25SU	Allen James W.	The Kondo Resonance in Electron Spectroscopy
			2001B0400	BL25SU	Allen James W.	
			2002A0051	BL25SU	Allen James W.	
Kotaro Ishiji	74 (2005) 753-757	7244	2004A0199	BL39XU	橋爪 弘雄	Probing the Magnetic Polarizations of Dlocalized Electrons in Exchange-Coupled Co/CuNi Multilayers by X-ray Magnetic Circular Dichroism Measurements

Journal of the Physical Society of Japan

Takayoshi Ito	65 (2004) 609-613	6237	2003A0323	BL02B2	竹延 大志	Structural Analysis of Intercalation Compounds of Pentacene
			2003B0549	BL02B2	竹延 大志	
Asami Sano	65 (2004) 1547-1554	7180	2000B0447	BL04B1	大谷 栄治	In situ X-ray Observation of Decomposition of Hydrated Aluminum Silicate AlSiO ₃ OH and Aluminum Oxide Hydroxide d-AlOOH at High Pressure and Temperature
			2001A0195	BL04B1	大谷 栄治	

Synthetic Metals

Taishi Takenobu	135-136 (2003) 787-788	5986	2002A0482	BL02B2	竹延 大志	Hydrogen Storage in C ₇₀ Encapsulated Single-Walled Carbon Nanotube
Taishi Takenobu	121 (2001) 1173-1174	6240	2000A0088	BL02B2	岩佐 義宏	Mott-Hubbard Transition in Alkali Ammonia Fullerenes

Acta Crystallographica Section B

Toshiyuki Matsunaga	B60 (2004) 685-691	7276	2003A0478	BL02B2	松永 利之	Structures of Stable and Metastable Ge ₂ Sb ₂ Te ₅ , an Intermetallic Compound in GeTe-Sb ₂ Te ₃ Pseudobinary Systems
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Acta Crystallographica Section D

著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
Naoki Sakai	57 (2001) 896-897	7298	2000B0592	BL41XU	姚 閔	The MinD Protein from Hyperthermophilic Archaeon <i>Pyrococcus horikoshii</i> : Crystallization and Preliminary X-ray Analysis

American Mineralogist

Shigeaki Ono	90 (2005) 667-671	7445	2002A0106 2002B0162	BL10XU BL10XU	小野 重明 小野 重明	Post-Aragonite Phase Transformation in CaCO ₃ at 40 GPa
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Angewandte Chemie International Edition

Yoshiki Kubota	44 (2005) 920-923	7272	2003A0371 2003B0461 2004A0217 2004B0327	BL02B2 BL02B2 BL02B2 BL02B2	北川 進 北川 進 北川 進 北川 進	Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer
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Applied Physics Letters

Takayoshi Shimura	86 (2005) 71903	7368	2000B0068	BL09XU	志村 考功	X-ray Diffraction Measurements of Internal Strain in Si Nanowires Fabricated using a Self-Limiting Oxidation Process
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Applied Radiation and Isotopes

Nobuteru Nariyama	62 (2005) 693-697	7362	R03A0038 R03B0003 R03B0031 R04A0009 R04A0001 R04A0039	BL38B1 BL38B1 BL38B1 BL38B1 BL47XU BL47XU	成山 展照 成山 展照 成山 展照 成山 展照 成山 展照 成山 展照	Responses of GafChromic Films for Distribution of Extremely High Doses from Synchrotron Radiation
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Biochemical and Biophysical Research Communications

Seijirou Shioi	326 (2005) 766-776	7311	2004B0803	BL38B1	植田 正	Crystal Structure of a Biologically Functional Form of PriB from <i>Escherichia coli</i> Reveals a Potential Single-Stranded DNA-Binding Site
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Biochimica et Biophysica Acta - Proteins and Proteomics

Taro Masuda	1645 (2003) 113-115	5281	C02B7325	BL44XU	三上 文三	Crystallization and Preliminary X-Ray Crystallographic Analysis of Plant Ferritin from <i>Glycine Max</i>
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Biopolymers

Kenji Okuyama	76 (2004) 367-377	6126	2002A0089 C02A7306	BL40B2 BL44XU	奥山 健二 奥山 健二	Crystal Structures of Collagen Model Peptides with Pro-Hyp-Gly Repeating Sequence at 1.26 Resolution: Implications for Proline Ring Puckering
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Carbon

Hitoshi Yusa	43 (2005) 519-523	7236	1999B0356	BL10XU	遊佐 育	X-ray Diffraction of Multiwalled Carbon Nanotube under High Pressure: Structural Durability on Static Compression
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Cardiovascular Research

Toshihiro Shimizu	58 (2003) 203-212	3372	2000B0222	BL20B2	北畠 顕	VEGF-Mediated Angiogenesis is Impaired by Angiotensin Type 1 Receptor Blockade in Cardiomyopathic Hamster Hearts
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Chemical Communications

Satoshi Horike	(2004) 2152-2153	6600	2004A0217	BL02B2	北川 進	Motion of Methanol Adsorbed in Porous Coordination Polymer with Paramagnetic Metal Ions
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Chemical Physics

Teikichi Ikura	307 (2004) 111-119	6144	2003A0066	BL40B2	伊倉 貞吉 尾中 証	Water-Mediated Interaction at a Protein-Protein Interface
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Chemistry Letters

主著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
Keiko Nunokawa	33 (2004) 1300-1301	7164	2003A0454	BL04B2		A Novel Au ₁₂ Supramolecule Composed of Two-, Three-, and Four-Coordinated Au(I) Centers Constructed on the S ₃ Scaffolding

Elements

大谷 栄治

Eiji Ohtani	1 (2005) 25-30	7170	2001B0415	BL04B1	大谷 栄治	Water in the Mantle
			2002A0298	BL04B1	大谷 栄治	
			2002B0567	BL04B1		

Geophysical Research Letters

大谷 栄治

Konstantin Litsov	31 (2004) L24067	7183	2004A0451	BL04B1		Absence of Density Crossover between Basalt and Peridotite in the Cold Slabs Passing through 660 km Discontinuity
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Inorganic Chemistry

北川 進

Ryo Kitaura	43 (2004) 6522	7283	2004B0327	BL02B2		Rational Design and Crystal Structure Determination of a 3-D Metal-Organic Jungle-Gym-Like Open Framework
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Journal of Applied Physics

小野 重明

Shigeaki Ono	97 (2005) 073523	7454	2004A0007	BL04B1		High-Pressure Phase Transitions in SnO ₂
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Journal of Catalysis

奥村 和

Kazu Okumura	231 (2005) 245-253	7377	2004B0312	BL28B2	奥村 和	Catalytic Performance and Elution of Pd in the Heck Reaction over Zeolite-Supported Pd Cluster Catalyst
			2004A0397	BL28B2	奥村 和	
			2003B0148	BL28B2	奥村 和	
			2004B0311	BL01B1		

Journal of Colloid and Interface Science

櫻井 和朗

Yeonhwan Jeong	283 (2005) 113-122	7282	2003A0314	BL40B2		Small-Angle X-ray Scattering from a Dual-Component Organogel to Exhibit a Charge Transfer Interaction
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Journal of Electron Spectroscopy and Related Phenomena

宮原 恒あき

Tsuneaki Miyahara	136 (2004) 117-123	6358	2003A0033	BL25SU	宮原 恒あき	Interpretation of Difference between Bulk Magnetic Susceptibility and "Local Magnetic Susceptibility" Detected by Core Excitation Magnetic Circular Dichroism
			2002A0082	BL25SU	宮原 恒あき	
			2001B0093	BL25SU		

Journal of Geophysical Research

小野 重明

Shigeaki Ono	110 (2005) B02208	7230	2001B0402	BL10XU	小野 重明	In situ X-ray Observations of Phase Assemblages in Peridotite and Basalt Compositions at Lower Mantle Conditions: Implications for Density of Subducted Oceanic Plate
			2002A0106	BL10XU		

Journal of Non-Crystalline Solids

鈴谷 賢太郎

Kentaro Suzuya	345-346 (2004) 80-87	6143	2002B0702	BL04B2		The Structure of Binary Zinc Phosphate Glasses
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The Journal of Physical Chemistry B

泉 康雄

Yasuo Izumi	109 (2005) 3227-3232	7394	2002B0738	BL10XU	泉 康雄	Characterization of Intercalated Iron(III) Nanoparticles and Oxidative Adsorption of Arsenite on Them Monitored by X-ray Absorption Fine Structure Combined with Fluorescence Spectrometry
			2003A0145	BL10XU		

Journal of Physics B: Atomic, Molecular and Optical Physics

Kazumasa Okada	38 (2005) 421-431	7200	2001A0142	BL27SU	鈴木 功	Variation in Resonant Auger Yields into the ¹ G ₄ · nI States of Kr across the L ₃ Threshold
			2002A0068	BL27SU		
			2002B0507	BL27SU		

Journal of Physics: Condensed Matter

主著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
Hisao Kobayashi	17 (2005) S895-S899	7326	2003A0309	BL10XU		Charge Ordering in Eu ₄ As ₃ under Pressure

Journal of Power Sources

久保田 佳基

Motoharu Saitoh	122 (2003) 162-168	5853	2002B0247	BL02B2		Capacity Fading of the Acid-Treated Lithium Manganese Oxides in High-Temperature Storage
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Journal of Solid State Chemistry

桜井 健次

Hiromi Eba	178 (2005) 370-375	7442	2003A0143	BL40XU	桜井 健次	Site Occupancy Determination for Manganese in Some Spinel-Type Oxides by K X-Ray Fluorescence Spectra
	2002B0147		BL40XU			

Macromolecules

山本 勝宏

Yohei Miwa	38 (2005) 2355-2361	7384	2004A0227	BL40B2		Direct Detection of Effective Glass Transitions in Miscible Polymer Blends by Temperature-Modulated Differential Scanning Calorimetry
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Materials Letters

中川 貴

Hiroaki Nitani	58 (2004) 2076-2081	6342	2001A0097	BL01B1		XAFS and XRD Study on Ceria Doped with Pr, Nd or Sm
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Materials Research Society Symposium Proceedings

坂田 修身

Osami Sakata	840 (2005) Q6.4.1-6	7082	2003B0286	BL13XU	吉本 護	Reciprocal-Lattice Space Imaging of X-ray Intensities Diffracted from Nanowires
			2003B0290	BL13XU	坂田 修身	
			2004A0534	BL13XU	坂田 修身	
			2004B0382	BL13XU		

Materials Science and Engineering: C

梅谷 啓二

Fumihiko Kajiya	13 (2000) 3-6	6727	2000A0137	BL20B2	梅谷 啓二	Comparative Study between Heart and Kidney Microcirculations Microvisualization Approach
	2000A0138		BL20B2			

Microelectronic Engineering

石井 真史

Masashi Ishii	67-68 (2003) 955-962	4630	2002B0586	BL10XU		Selective X-Ray Absorption Spectroscopy of Self-Assembled Atom in InAs Quantum Dot
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New Journal of Physics

田中 良和

Yoshikazu Tanaka	6 (2004) 161	7207	2002A0561	BL35XU		Search for Orbitons in LaMnO ₃ , YTiO ₃ and KCuF ₃ using High-Resolution Inelastic X-ray Scattering
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Physica B

野村 貴美

Alexandre I. Rykov	350 (2004) 287-304	6654	2002A0046	BL11XU		Low-Energy Excitations in Brownmillerites and Related Oxides
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Physica C

竹延 大志

Yoshihiro Iwasa	388-389 (2003) 615-616	6239	2002A0482	BL02B2	竹延 大志	Metal-Insulator Transition in C ₆₀ Fullerides
			2002B0210	BL02B2		

Physica E

渡辺 義夫

Satyaban Bhunia	21 (2004) 583-587	6634	C03B5032	BL24XU		Free-Standing and Vertically Aligned InP Nanowires Grown by Metalorganic Vapor Phase Epitaxy
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Physica Status Solidi C

中川 英之

Mitsushi Terakami	2 (2005) 716-719	7451	2003A0040	BL43IR		Polarized Vibrational Absorption of Tunneling Molecular Centers in Cadmium Halide Crystals
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Polymer

雨宮 慶幸

Yoshinobu Nozue	45 (2004) 8593-8601	7190	2001A0230	BL40XU	雨宮 慶幸	Penetration of PBSU Spherulite into P(VDC-VC) Spherulite Observed with Microbeam- and Macrobeam-SAXS/WAXS Measurements
			2000B0248	BL40XU		

松原 英一郎

Powder Diffraction

主著者	巻、発行年、ページ	研究成果番号	課題番号	ビームライン	実験責任者	タイトル
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Nobuteru Nariyama	76 (2005) 33302	7307	2002A0159 R02A0003 R02A0063 R04A0054	BL40XU BL46XU BL46XU BL47XU	成山 展照 成山 展照 成山 展照	A Secondary Electron Emission Detector for Measuring the Intensity of Synchrotron Radiation
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Motohiko Murakami	304 (2004) 855-858	6361	2003B2013	BL10XU		Post-Perovskite Phase Transition in MgSiO_3
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松原 英一郎

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Tatsuhiko Nishi	134 (2005) 189-193	7372	2002B0041 2003A0076	BL43IR BL43IR	木村 真一	The Origin of the Phase Separation in Partially Deuterated $-(\text{ET})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$ Studied by Infrared Magneto-Optical Imaging Spectroscopy
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Tatsuya Nishino	13 (2005) 143-153	7169	2004A0824	BL38B1		Crystal Structure and Functional Implications of <i>Pyrococcus furiosus</i> Hef Helicase Domain Involved in Branched DNA Processing
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Shigeharu Tamura	74 (2004) 741-746	7266	2002B0372 2001B0219	BL20XU BL47XU	高野 秀和	Novel Application of Sputtered-Sliced Concentric Multilayers to Various Optical Elements for Synchrotron Radiation High-Brilliance X-ray Beamlines at SPring-8
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Shoko Hirotsu	279 (2004) 11937-11947	7123	理研	BL45XU	The Cyrtal Structures of the Ferric and Ferrous Forms of the Heme Complex of HmuO, a Heme Oxygenase of <i>Corynebacterium diphtheriae</i>
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