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財団法人高輝度光科学研究センター  
利用業務部

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このデータベースに登録された原著論文の内、平成18年8月～9月にその別刷もしくはコピー等を受理したもの(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、詳細を上記検索ページの検索結果画面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、ビームライン、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URL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。

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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

#### Journal of the Physical Society of Japan

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Toru Moriwaki	9649	75 (2006) 074603	2002B0174	BL04B2	川村 春樹	Structural Phase Transition of Rutile-Type MgH <sub>2</sub> at High Pressures
Satoshi Tsutsui	9757	75 (2006) 94-95	2003B0581	BL08W	松田 達磨	Magnetic Compton Scattering Study on
			2004B0378	BL08W	松田 達磨	Metamagnetism in Itinerant Uranium Compounds
Akinori Irizawa	9759	75 (2006) 094701	2002B3009	BL25SU	菅 滋正	Photoemission Spectroscopy and X-ray Absorption Spectroscopy Studies of the Superconducting Pyrochlore Oxide Cd <sub>2</sub> Re <sub>2</sub> O <sub>7</sub>
Naofumi Aso	9760	75 (2006) 88-90	2004B0517	BL22XU	阿曾 尚文	Single Crystal Synchrotron X-Ray Diffraction Study under Pressure in UGe <sub>2</sub>
Satoshi Tsutsui	9798	75 (2006) 093703	2003B0283	BL09XU	筒井 智嗣	A Possible Novel Magnetic Ordering in SmRu <sub>4</sub> P <sub>12</sub>
			2005B0127	BL01B1	水牧 仁一朗	

#### Physica B

Kouichi Takase	8981	329-333 (2003) 898-899	2003B0453	BL02B2	高瀬 浩一	Electrical Resistivity and Photoemission Spectra of Layered Oxysulfide (La <sub>1-x</sub> Ca <sub>x</sub> O)Cu <sub>1-x</sub> Ni <sub>x</sub> S
			2002B0326	BL02B2	高瀬 浩一	
Kouichi Takase	8982	329-333 (2003) 961-962	2003B0453	BL02B2	高瀬 浩一	Structural Defects Effect on Ferromagnetism of Layered Oxysulfide (La <sub>1-x</sub> Ca <sub>x</sub> O)Cu <sub>1-x</sub> Ni <sub>x</sub> S
			2002B0362	BL02B2	高瀬 浩一	
Masaichiro Mizumaki	9670	383 (2006) 144-145	2005B0127	BL01B1	水牧 仁一朗	Determination of the Valence in Sm-based Filled Skutterudite Compounds
Satoshi Tsutsui	9671	383 (2006) 142-143	2004A0589	BL09XU	筒井 智嗣	<sup>149</sup> Sm Nuclear Resonant Inelastic Scattering of Sm-based Filled-Skutterudite Compounds
			2005A0369	BL09XU	筒井 智嗣	
Hidekazu Okamura	9807	378-380 (2006) 756-757	2004A0778	BL43IR	岡村 英一	Mid-infrared Absorption in Strongly Correlated Yb Compounds

**Physical Review B**

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Balkrishna K. Sharma	9451	72 (2005) 132405	2003A0055	BL08W	Sharma B. K.	Temperature-dependent Magnetic Compton Scattering Study of Spin Moments in $Ce(Fe_{0.94}Ru_{0.06})_2$
Akihisa Koizumi	9681	74 (2006) 012408	2002A0008	BL08W	小泉 昭久	Coexistence of Polaronic and Band States in a Bilayer Manganite from Two-Dimensional Reconstruction of Magnetic Compton Profiles
Nozomu Kamakura	9692	74 (2006) 045127	2002A0589 2003A0682	BL27SU BL27SU	鎌倉 望 鎌倉 望	Bulk Band Structure and Fermi Surface of Nickel: A Soft X-ray Angle-Resolved Photoemission Study
Nozomu Hiraoka	9772	74 (2006) 100501R	2001B0497	BL08W	平岡 望	Momentum Densities, Fermi Surfaces, and Their Temperature Dependences in $Sr_2RuO_4$ Studied by Compton Scattering
Souichiro Mizusaki	9776	74 (2006) 052401	J05A0513	BL08W	櫻井 吉晴	Direct Observation of the Induced Moment on Nonmagnetic Ru: A Magnetic Compton Study of $CaRu_{0.85}Fe_{0.15}O_3$

**Physica Status Solidi C**

Masahito Tanaka	9748	3 (2006) 2783-2786	2004A0511	BL23SU	朝日 透	Soft X-ray Absorption Spectroscopy and Magnetic Circular Dichroism Study of Electroless-Deposited CoNiFe Ternary Alloy Soft Magnetic Films
Masaichiro Mizumaki	9749	3 (2006) 2767-2770	2004A0083	BL39XU	水牧 仁一朗	Study of the Electronic Structure of $SmNiC_2$ by X-ray Magnetic Circular Dichroism Measurements
Masaichiro Mizumaki	9750	3 (2006) 2762-2766	1999A0110 1998A0092	BL25SU BL39XU	水牧 仁一朗 水牧 仁一朗	XAS and MCD Studies in Laves Compounds with Multi-Magnetic Phase Transitions
Masahito Tanaka	9816	3 (2006) 2783-2786	2004A0511	BL25SU	朝日 透	Soft X-ray Absorption Spectroscopy and Magnetic Circular Dichroism Study of Electroless-deposited CoNiFe Ternary Alloy Soft Magnetic Films

**Acta Crystallographica Section F**

Michikazu Tanio	9669	62 (2006) 652-655	C04B5019	BL24XU	杉尾 成俊	Overexpression, Purification and Preliminary Crystallographic Analysis of Human M-ficolin Fibrinogen-like Domain
Tsuyoshi Imasaki	9699	62 (2006) 785-787	2004B0818	BL41XU	橋本 博	Crystallization and Preliminary X-ray Crystallographic Studies on Transportin 1 in Complex with Nucleocytoplasmic Shuttling and Nuclear Localization Fragments
Hiroyuki Morita	9758	62 (2006) 899-901	C05A5019	BL24XU	杉尾 成俊	Crystallization and Preliminary Crystallographic Analysis of a Novel Plant Type Polyketide Synthase that Produces Pentaketide Chromone

**Journal of Electron Spectroscopy and Related Phenomena**

Akihisa Shigemoto	8919	144-147 (2005) 833-835	2004A0377	BL19LXU	菅 滋正	Resonant Inelastic X-ray Scattering of $Sr_2CuO_3$
Atsushi Higashiya	8920	144-147 (2005) 685-687	2004A0377	BL19LXU	菅 滋正	Comprehensive Study of Resonant Inelastic X-ray Scattering (RIXS) of One-Dimensional $SrCuO_2$
Toshio Ibuki	9691	152 (2006) 96-99	2003B0154	BL27SU	伊吹 紀男	On the Ionization Energy of $CF_3SF_5$ in the Valence Region Measured by Angle-Resolved Photoelectron Spectroscopy

**Materials Science Forum**

Shin Yamamoto	9724	519-521 (2006) 1005-1010	2005A0417	BL47XU	戸田 裕之	Assessment of Damage and Fracture Behaviors in a Cast Aluminum Alloy via In-situ Synchrotron Microtomography
Hiroyuki Toda	9725	519-521 (2006) 1361-1366	R05A0022 2005B0454	BL47XU BL47XU	竹内 晃久 戸田 裕之	Observation of Precipitates in Aluminum Alloys by Sub-Micrometer Resolution Tomography Using Fresnel Zone Plate
Kenji Suzuki	9828	524-525 (2006) 879-884	2003B0947 2005B0042	BL19B2 BL02B1	鈴木 賢治 鈴木 賢治	Residual Stress in EB-PVD Thermal Barrier Coatings

## Physical Review Letters

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Yuichi Akahama	9020	96 (2006) 045505	2004A0541	BL10XU	赤浜 裕一	Evidence of a fcc-hcp Transition in Aluminum at Multimegabar Pressure
			2005B0190	BL10XU	赤浜 裕一	
Yuichiro Morishita	9715	96 (2006) 243402	2005B0408	BL27SU	齋藤 則生	Experimental Evidence of Interatomic Coulombic Decay from the Auger Final States in Argon Dimers
			2005B0497	BL27SU	齋藤 則生	
Yasujiro Taguchi	9768	97 (2006) 107001	2005A0195	BL02B2	田口 康二郎	Increase in $T_c$ upon Reduction of Doping in $\text{Li}_x\text{ZrNCI}$ Superconductors

## Angewandte Chemie International Edition

Mio Kondo	9650	45 (2006) 5461-5464	2005A0454	BL02B2	近藤 美欧	Guest-Induced Instant and Reversible Crystal-to-Crystal Transformation of 1,4-Bis(ferrocenylethynyl)anthraquinone
			2005B0466	BL02B2	近藤 美欧	
			2006A1595	BL02B2	近藤 美欧	
Yoshiki Kubota	9704	45 (2006) 4932-4936	2003A0371	BL02B2	北川 進	Metastable Sorption State of a Metal-Organic Porous Material Determined by In Situ Synchrotron Powder Diffraction
			2003B0461	BL02B2	北川 進	

## Japanese Journal of Applied Physics

Yasuhiro Yagi	9679	45 (2006) 5960-5965	2004A0789	BL19B2	八木 康洋	X-ray Absorption Fine Structure Study of the Local Structures of Activator Atoms in Gadolinium(3+) Oxy-Orthosilicate Single Crystal
			2004B0370	BL01B1	八木 康洋	
Kazunori Fukuda	9853	45 (2006) 6795-6799	2001B0117	BL28B2	志村 考功	White X-ray Topography of Lattice Undulation in Bonded Silicon-on-Insulator Wafers

## Journal of Molecular Biology

Kazuko Ikeda	8928	351 (2005) 1146-1159	C03A7412	BL44XU	池田 和子	Crystal Structure of Human T-protein of Glycine Cleavage System at 2.0 Å Resolution and Its Implication for Understanding Non-Ketotic Hyperglycemia
Naoto Yagi	9743	362 (2006) 327-333	2006A1817	BL40XU	八木 直人	A Microbeam X-ray Diffraction Study of Insulin Spherulites

## Journal of the Korean Physical Society

Wook-Hyun Lee	9848	49 (2006) 928-933	2005B0954	BL13XU	坂田 修身	Structural Properties of CrN Buffers for GaN Growth
Tsutomu Minegishi	9851	49 (2006) 903-907	2005B0434	BL13XU	嶺岸 耕	ZnO Growth on 3C-SiC

## Philosophical Magazine

Masakazu Kobayashi	9728	86 (2006) 4351-4366	2004B0457	BL47XU	戸田 裕之	Preferential Penetration Path of Gallium into Grain Boundary in Practical Aluminium Alloy
Tomomi Ohgaki	9729	86 (2006) 4417-4438	2003B0292	BL20B2	戸田 裕之	In situ Observations of Compressive Behaviour of Aluminium Foams by Local Tomography using High-Resolution X-rays
			2003B0293	BL47XU	戸田 裕之	
			2004A0356	BL20B2	戸田 裕之	
			2004A0358	BL47XU	戸田 裕之	
			2004B0457	BL47XU	戸田 裕之	

## Advanced Engineering Materials

Arnaud Weck	9733	8 (2006) 469-472	2005A0066	BL20XU	Wilkinson David	2D and 3D Visualization of Ductile Fracture
			2005A0417	BL47XU	戸田 裕之	

## American Mineralogist

Daisuke Yamazaki	9698	91 (2006) 1342-1345	2003B0586	BL04B1	山崎 大輔	Generation of Pressures to ~ 60 GPa in Kawai-type Apparatus and Stability of $\text{MnGeO}_3$ Perovskite at High Pressure and Temperature
			2004A0325	BL04B1	山崎 大輔	
			2004B0433	BL04B1	山崎 大輔	
			2005A0637	BL04B1	山崎 大輔	

### Applied Catalysis A: General

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Shigeru Yokota	9734	310 (2006) 122-126	2001B0552	BL38B1	横田 滋	Strong Inhibition Effect of Sulfur Impurities in Alumina Supports on the Catalytic Activity of Rh in the CH <sub>4</sub> -CO <sub>2</sub> Reforming Reaction

### Applied Physics Letters

Kenji Takahashi	9708	89 (2006) 082901	2005A0101	BL13XU	坂田 修身	Thickness Dependence of Dielectric Properties in Bismuth Layer-Structured Dielectrics
			2005B0189	BL13XU	舟窪 浩	
			2005B0435	BL13XU	坂田 修身	
			J05A0510	BL13XU	坂田 修身	

### Applied Surface Science

Takeshi Kanashima	9763	252 (2006) 7774-7780	2003A0430	BL27SU	金島 岳	Preparation of Fluorocarbon Thin Film Deposited by Soft X-ray Ablation and its Electrical Characteristics and Thermal Stability
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### Biochemical and Biophysical Research Communications

Takafumi Itoh	9756	347 (2006) 1021-1029	2006A1405	BL38B1	橋本 渉	Structure of Unsaturated Rhamnogalacturonyl Hydrolase Complexed with Substrate
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### Chemical Physics Letters

Takahiro Tanaka	9736	428 (2006) 34-38	2005B0586	BL27SU	田中 隆宏	Angle-Resolved Ion Yield Spectroscopy for the 1s <sup>3</sup> Excited States in Hot N <sub>2</sub> O Molecules
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### Chemistry Letters

Takahiro Akinaga	9858	35 (2006) 1162-1163	2004B0257	BL13XU	高原 淳	Analysis of Molecular Aggregation States in Pentacene Thin Films Prepared from Soluble Precursor
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### Chemistry of Materials

Simon Johnsen	9803	18 (2006) 4633-4642	2005A0045	BL02B2	Iversen Bo	Crystal Structure, Band Structure, and Physical Properties of Ba <sub>8</sub> Cu <sub>6-x</sub> Ge <sub>40+x</sub> (0 ≤ x ≤ 0.7)
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### Earth and Planetary Science Letters

Kei Hirose	9029	237 (2005) 239-251	2005A5013	BL10XU	巽 好幸	Phase Transition and Density of Subducted MORB Crust in the Lower Mantle
			2004B4013	BL10XU	巽 好幸	
			2004A3013	BL10XU	巽 好幸	

### Geophysical Research Letters

Yuichiro Sueda	9680	33 (2006) L10307	2002A0324	BL04B1	入船 徹男	The Phase Boundary between CaSiO <sub>3</sub> Perovskite and Ca <sub>2</sub> SiO <sub>4</sub> + CaSi <sub>2</sub> O <sub>5</sub> Determined by in situ X-ray Observations
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### Infrared Physics and Technology

Yuka Ikemoto	9870	49 (2006) 78-81	2005A0069	BL43IR	池本 夕佳	Far Infrared Microspectroscopy of Zeolite MOR Single Crystal
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### Journal of Applied Physics

Kosuke Nagashio	9703	100 (2006) 033524	2005A0650	BL11XU	長汐 晃輔	Real-time X-ray Observation of Solidification from Undercooled Si Melt
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### Journal of Catalysis

Yasutaka Nagai	9663	242 (2006) 103-109	2004B0220	BL01B1	高木 信之	Sintering Inhibition Mechanism of Platinum Supported on Ceria-Based Oxide and Pt-Oxide-Support Interaction
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## Journal of Colloid and Interface Science

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Masafumi Harada	9686	292 (2005) 113-121	2002A0004	BL01B1	原田 雅史	Synthesis of Colloidal Dispersions of Rhodium Nanoparticles under High Temperatures and High Pressures

## The Journal of Biological Chemistry

Kazuko Fujiwara	8926	280 (2005) 33645-33651	C04A7118	BL44XU	藤原 和子	Crystal Structure of Lipoate-Protein Ligase A from <i>Escherichia coli</i> : Determination of the Lipoic Acid-Binding Site
			C04B7118	BL44XU	藤原 和子	

## Journal of Physics B

Hitoshi Yamaoka	9717	39 (2006) 2747-2756	2003B0112	BL46XU	山岡 人志	The Effect of Coster-kronig Transitions on the Anisotropy of X-ray Emission Following Au L-shell Photoionization
			2005A0043	BL46XU	山岡 人志	

## Journal of Polymer Science Part A: Polymer Chemistry

Keita Kuroiwa	9674	44 (2006) 5192-5202	2005B0390	BL02B2	黒岩 敬太	Supramolecular Control of Spin Crossover Phenomena in Lipophilic Fe( )-1,2,4-triazole Complexes
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## Journal of Polymer Science Part B: Polymer Physics

Masaki Kakiage	9836	44 (2006) 2455-2467	2003B0303	BL40B2	上原 宏樹	Effects of Molecular Characteristics and Processing Conditions on Melt-Drawing Behavior of Ultrahigh Molecular Weight Polyethylene
			2005A0700	BL40B2	上原 宏樹	

## Journal of Synchrotron Radiation

Atsushi Yamamoto	8916	13 (2006) 14-18	2004A0396	BL02B1	椿野 晴繁	High-Temperature and High-Pressure <i>in situ</i> SCC Device for Synchrotron Radiation Diffraction Experiments and Application using an Austenitic Stainless Steel
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## Journal of the American Chemical Society

Yuichi Negishi	9865	128 (2006) 12034-12035	2005B0024	BL39XU	横山 利彦	X-Ray Magnetic Circular Dichroism of Size-Selected, Thiolated Gold Clusters
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## Materials Research Bulletin

Ismunandar	9706	39 (2004) 553-560	2002B0001	BL02B2	Kennedy Brendan	Static Bismuth Disorder in $\text{Bi}_{2-x}(\text{CrTa})\text{O}_{7-y}$
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## NeuroReport

Akitsugu Morishita	9802	17 (2006) 1549-1553	2004B0767	BL28B2	櫻井 孝	Quantification of Distension in Rat Cerebral Perforating Arteries
			2005A0524	BL28B2	近藤 威	
			2005B0675	BL28B2	櫻井 孝	

## Physical Review C

Shunji Kishimoto	9844	74 (2006) 031301(R)	2001A0313	BL09XU	岸本 俊二	Nuclear Excitation by Electron Transition on $^{197}\text{Au}$ by Photoionization around the K-absorption Edge
			2004B0783	BL09XU	岸本 俊二	

## Physical Review E

Kim Nygard	9855	74 (2006) 031503	2005A0438	BL08W	Hamalainen Keijo	Compton Scattering Study of Water Versus Ice Ih: Intra- and Intermolecular Structure
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## The Protein Journal

Yasushi Watanabe	9755	24 (2005) 167-174	2000B0389	BL40B2	渡邊 康	Physicochemical Characterization of the Reassembled Dimer of an Integral Membrane Protein OmpF Porin
			2001A0535	BL40B2	渡邊 康	
			2001B0169	BL40B2	渡邊 康	

## SAE Technical Paper Series

Nobuyuki Takagi	9664	1 (2006) 1-4	2004B0220	BL01B1	高木 信之	Sintering Mechanism of Platinum Supported on Ceria-Based Oxide for Automotive Catalysts
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**Solid State Communication**

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Brendan Kennedy	9707	136 (2005) 177-180	2003B0279	BL02B2	Kennedy Brendan	Negative Thermal Expansion and Phase transition Behaviour in Ag <sub>2</sub> O

**Stroke (Journal of the American Heart Association)**

Keiji Kidoguchi	9685	37 (2006) 1856-1861	2004B0767	BL28B2	櫻井 孝	In Vivo X-ray Angiography in the Mouse Brain using Synchrotron Radiation
			2005A0524	BL28B2	近藤 威	
			2005B0675	BL28B2	櫻井 孝	

**材料 (Journal of the Society of Materials Science, Japan)**

Kenji Suzuki	9665	55 (2006) 634-640	2003B0217 2004A2217	BL02B1 BL02B1	鈴木 賢治 鈴木 賢治	Residual Stress and Deformation Characteristics of Thermal Barrier Coatings on Curved Substrate
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**日本法科学技術学会誌 (Japanese Journal of Forensic Science and Technology)**

Toshio Nakanishi	9861	11 (2006) 177-183	2004A0282	BL37XU	中西 俊雄	Application of Synchrotron Radiation High-energy X-ray Fluorescence Spectrometry to Discrimination of Glass Fragments
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**分析化学 (Bunseki Kagaku)**

Kouichi Hayashi	9408	55 (2006) 441-446	2004A0041	BL37XU	林 好一	Measurement of Incident Beam Angular Dependence of X-Ray Luminescence Intensity and Possibility of New Atom Resolved Holography
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**課題以外の成果****Acta Crystallographica Section F**

筆頭著者名	研究成果番号	巻、発行年、頁		ビームライン	タイトル
Noboru Nakano	9761	62 (2006) 855-860	理研	BL26B2	Structure of the Stand-Alone RAM-Domain Protein from <i>Thermus thermophilus</i> HB8
Bagautdin Bagautdinov	9795	62 (2006) 412-414	理研	BL26B1	Purification, Crystallization and Preliminary Crystallographic Analysis of RecA Superfamily ATPase PH0284 from <i>Pyrococcus horikoshii</i> OT3
Neratur K. Lokanath	9804	62 (2006) 788-790	理研	BL26B1	Purification, Crystallization and Preliminary X-ray Crystallographic Analysis of the Archaeal Phosphoglycerate mutase PH0037 from <i>Pyrococcus horikoshii</i> OT3

**Nuclear Instruments and Methods in Physics Research Section A**

Shiro Takano	9068	556 (2006) 357-370	加速器		X-ray Imaging of a Small Electron Beam in a Low-Emittance Synchrotron Light Source
Hiroyasu Ego	9688	564 (2006) 74-80	加速器		RF Input Coupler with a Coupling Tuner for an RF Acceleration Cavity
Kouji Tsumaki	9863	565 (2006) 394-405	加速器		Very Low Emittance Light Source Storage Ring

**Acta Crystallographica Section D**

Masatomo Makino	9702	62 (2006) 671-677	理研	BL45XU	High-resolution Structure of Human Cytochrome b5: Identification of Extra N- and C-termini and a New Dimerization Mode
Michihiro Sugahara	9823	62 (2006) 520-526	理研	BL26B2	Novel Versatile Cryoprotectants for Heavy-Atom Derivatization of Protein Crystals

**Journal of the Physical Society of Japan**

Yoshikazu Tanaka	9779	75 (2006) 073702	理研	BL19LXU	Direct Observation of an Incommensurate Multipolar Order in CeB <sub>6</sub> Doped with Pr
Yasuo Narumi	9781	75 (2006) 075001	理研	BL19LXU	Lattice Distortion in Antiferromagnetic CoO under High Magnetic Fields

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Tomoyuki Tanaka	9709	580 (2006) 4224-4230	理研	BL44B2	Hyper-thermostability of CutA1 Protein, with a Denaturation Temperature of Nearly 150
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Yasuo Narumi	9780	13 (2006) 271-274	理研	BL19LXU	X-ray Diffractometer Combining Synchrotron Radiation and Pulsed Magnetic Fields up to 40T

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Makina Yabashi	9860	97 (2006) 084802	光学系	BL29XU	Single-Shot Spectrometry for X-Ray Free-Electron Lasers
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Masaru Takao	9832	9 (2006) 084002	加速器		Linear Analysis of Hamilton Perturbation Theory for Coupled Betatron Motion
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Masaki Yamamoto	9867	48 (2006) 199-206	理研	BL26B1	Development of Trichromatic Protein Crystallography and High-Throughput Beamlines at SPring-8
			理研	BL26B2	
			理研	BL45XU	

**表面科学 (Journal of the Surface Science Society of Japan)**

Akitaka Yoshigoe	9695	27 (2006) 449-454	JAEA	BL23SU	Initial Adsorption Dynamics of O <sub>2</sub> on Si(111)-7x7 Surface at Room Temperature
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