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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4月～5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、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

The Journal of Biological Chemistry

主著者名	研究成果番号	巻、発行年、頁	課題番号	チームライン	実験責任者	タイトル
Tomoko Nishino	8352	280 (2005) 24888-24894	2002A0368	BL40B2	西野 武士	Mechanism of the Conversion of Xanthine Dehydrogenase to Xanthine Oxidase
			2002B0285	BL40B2	西野 武士	
			2003B0810	BL38B1	西野 武士	
			2003A0812	BL41XU	西野 武士	
Rey-Ting Guo	8636	279 (2004) 4903-4912	C04A1008	BL12B2	Wang Andrew H.-J.	Crystal Structure of Octaprenyl Pyrophosphate Synthase from Hyperthermophilic <i>Thermotoga maritima</i> and Mechanism of Product Chain Length Determination
Wen-Lin Lai	8637	279 (2004) 13962-13967	C04A1015	BL12B2	Liaw Shwu-Huey	The Functional Role of the Binuclear Metal Center in α -Aminoacylase. One-metal Activation and Second-metal Attenuation
Shwu-Huey Liaw	8638	279 (2004) 35479-35485	C04A1015	BL12B2	Liaw Shwu-Huey	Crystal Structure of <i>Bacillus subtilis</i> Guanine Deaminase The First Domain-Swapped Structure in the Cytidine Deaminase Superfamily
Jyung-Hung Liu	8639	279 (2004) 50465-50471	C04B1012	BL12B2	Hsiao Chwan-Deng	Crystal Structure of PriB, a Primosomal DNA Replication Protein of <i>Escherichia coli</i>
Tung-Ju Hsieh	8640	279 (2004) 55587-55593	C04A1016	BL12B2	Chan Nei-Li	Structure of the Topoisomerase IV C-terminal Domain: a Broken α -Propeller Implies a Role as Geometry Facilitator in Catalysis
Ryo Iwase	9347	280 (2005) 43141-43149	2002B0369 2003B0866	BL41XU BL41XU	今田 勝巳 今田 勝巳	Functionally Important Substructures of Circadian Clock Protein KaiB in a Unique Tetramer Complex
Masaru Goto	9427	280 (2005) 40875-40884	2002B0700	BL44B2	宮原 郁子	Crystal Structures of ^{14}C -Piperidine-2-carboxylate/ ^{14}C -Pyrroline-2-carboxylate Reductase Belonging to a New Family of NAD(P)H-dependent Oxidoreductases: Conformational Change, Substrate Recognition, and Stereochemistry of the Reaction
Lijun Liu	9440	281 (2006) 4254-4260	2003A0438	BL41XU	三木 邦夫	Crystal Structure of the C2 Domain of Class Phosphatidylinoside 3-Kinase C2

Physical Review B

主著者名	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
Shigemasa Suga	8439	72 (2005) 081101(R)	2003B0136	BL19LXU	菅 滋正	Charge Dynamics in Strongly Correlated One-Dimensional Cu-O Chain Systems Revealed by Inelastic X-ray Scattering
			2004A0377	BL19LXU	菅 滋正	
Hidekazu Tanaka	9174	73 (2006) 094403	2005B0750	BL47XU	田中 秀和	Electronic Structure of Strained (La _{0.85} Ba _{0.15})MnO ₃ Thin Films with Room-Temperature Ferromagnetism Investigated by Hard X-ray Photoemission Spectroscopy
Souichiro Mizusaki	9177	73 (2006) 113101	2003A0329	BL08W	山口 益弘	Electron Momentum Density and the Fermi Surface of -PdH _{0.84} by Compton Scattering
Ikuya Yamada	9234	72 (2005) 224503	2004A0378	BL02B2	東 正樹	Single-Layer Oxychloride Superconductor Ca _{2-x} CuO ₂ Cl ₂ with A-site Cation Deficiency
			2004B0537	BL02B2	東 正樹	
Hisashi Hayashi	9324	73 (2006) 134405	2004B0041	BL11XU	林 久史	Local Spin-Ordering in Antiferromagnetic as Well as Paramagnetic LaMnO ₃ Phase Revealed by Polarized Spin-Selected 1s 3d Absorption Spectra
			2005A0172	BL11XU	林 久史	
Kouichi Hayashi	9374	71 (2005) 224104	2001A0069	BL39XU	林 好一	Inverse Fourier Analysis in X-ray Fluorescence Holography
Masayoshi Itou	9430	71 (2005) 125125	2002A0576	BL08W	伊藤 真義	Compton Scattering Study of the Silicon Clathrate Ba ₈ Si ₄₆ : Experiment and Theory

Acta Crystallographica Section D

Kimihiko Mizutani	8600	61 (2005) 1636-1642	2005A0927	BL38B1	水谷 公彦	Structure of Aluminium-Bound Ovotransferrin at 2.15 Å Resolution
Tung-Ju Hsieh	8612	60 (2004) 564-566	C04A1016	BL12B2	Chan Nei-Li	Crystallization and Preliminary X-ray Crystallographic Analysis of the C-terminal Domain of ParC Protein from <i>Bacillus stearothermophilus</i>
Yu-Jui Chang	8613	60 (2004) 1152-1154	C04A1015	BL12B2	Liaw Shwu- Huey	Crystallization and Preliminary Crystallographic Analysis of <i>Bacillus subtilis</i> Guanine Deaminase
			2003B1004	BL41XU	Liaw Shwu- Huey	
Yu-Ling Wang	8632	60 (2004) 1912-1915	C04A1014	BL12B2	Chen Chun- Jung	Purification, Crystallization and Preliminary X-ray Crystallographic Analysis of a Cysteine-rich Secretory Protein (CRISP) from <i>Naja atra</i> Venom
P.-K. Lu	8633	60 (2004) 2067-2069	C04B1011	BL12B2	Sun Yuh-Ju	Crystallization and Preliminary X-ray Diffraction Analysis of Spermidine Synthase from <i>Helicobacter pylori</i>
Fadel A. Samatey	9349	60 (2004) 2078-2080	2001B0645	BL41XU	今田 勝巳	Crystallization and a Core Fragment of the Flagellar Hook Protein FlgE
			2001B0661	BL41XU	今田 勝巳	
			2001A0226	BL41XU	今田 勝巳	
			2000B0595	BL41XU	今田 勝巳	
			2000B0355	BL41XU	今田 勝巳	

Acta Crystallographica Section F

Hirokazu Nishida	9202	61 (2005) 1100-1102	2004A0824	BL38B1	土屋 大輔	Overexpression, Purification and Crystallization of an Archaeal DNA Ligase from <i>Pyrococcus furiosus</i>
Hirokazu Nishida	9203	62 (2006) 253-256	2003A0008	BL41XU	森川 耿右	Stoichiometric Complex Formation of Proliferating Cell Nuclear Antigen (PCNA) with Its Interacting Protein: Purification and Crystallization of the Complex of DNA Polymerase and PCNA Monomer Mutant from <i>Pyrococcus furiosus</i>
Kazutoshi Takahashi	9336	62 (2006) 29-31	2005A0921	BL41XU	矢嶋 俊介	Purification, Crystallization and Preliminary X-ray Analysis of the Catalytic Domain of the <i>Escherichia coli</i> tRNase Colicin D
Yumiko Hamano- Saijo	9348	61 (2005) 599-602	2003B0447	BL41XU	今田 勝巳	Crystallization and Preliminary X-ray Analysis of C- terminal Cytoplasmic Domain of FlhA, a Membrane Protein Subunit of the Bacterial Flagellar Type Protein Export Apparatus
			2004B0853	BL41XU	今田 勝巳	

Japanese Journal of Applied Physics

主著者名	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
Katsuhiro Takao	9337	45 (2006) 3540-3543	2005A0488	BL13XU	小柴 俊	Growth of GaNAs/GaAs Multiple Quantum Well by Molecular Beam Epitaxy Using Modulated N Radical Beam Source
Miyagawa Hayato	9338	45 (2006) 3548-3551	2004B0372	BL13XU	小柴 俊	Structural Analyses of Fractional Monolayer (GaAs) _m /(AlAs) _n Superlattices by X-ray Resonant/Off-Resonant Scattering
Akihisa Takeuchi	9407	44 (2005) 3293-3298	2003B0276	BL20XU	鈴木 芳生	Two-Beam X-Ray Holography Using Prism Optics
Sadao Aoki	9444	44 (2005) 417-421	2000B0400	BL47XU	青木 貞雄	Production of Reflection Point Sources for Hard X-Ray Gabor Holography

Applied Physics Letters

Hiroshi Sakurai	9037	88 (2006) 62507	2004A3890 2004B4890	BL08W BL08W	小泉 昭久 小泉 昭久	Anisotropies of Magnetic Compton Profiles in Co/Pd Multilayer System
Lihe Qian	9191	87 (2005) 241907	2004B0457	BL47XU	戸田 裕之	Application of Synchrotron X-ray Microtomography to Investigate Ductile Fracture in Al Alloys
Eiji Kita	9290	88 (2006) 152501	2002A0638	BL02B1	喜多 英治	Structure and Random Anisotropy in Single-Phase Ni Nanocrystals

Journal of Molecular Biology

Kunio Hirata	9197	356 (2006) 945-954	2004A0019	BL38B1	平田 邦生	Structure Basis for Antitumor Effect of Aplyronine A
			2004A0029	BL38B1	平田 邦生	
Akiko Kita	9432	349 (2005) 1-9	2003A0437	BL41XU	三木 邦夫	Structure of a Cynobacterial BLUF Protein, TII0078, Containing a Novel FAD-binding Blue Light Sensor Domain
			2003A0762	BL40B2	三木 邦夫	
			2003B0863	BL41XU	三木 邦夫	
			2004A0676	BL41XU	三木 邦夫	
			2004A0675	BL40B2	三木 邦夫	
Satoshi Watanabe	9436	353 (2005) 1043-1054	2003B0863	BL41XU	三木 邦夫	Crystal Structure of Atypical Cytoplasmic ABC-ATPase SufC from <i>Thermus thermophilus</i> HB8
			2004A0676	BL41XU	三木 邦夫	
			2004B0838	BL41XU	三木 邦夫	
			2005A0854	BL41XU	三木 邦夫	
			理研	BL44B2		

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

Taro Tamada	9164	108 (2006) 3135-3140	2003A0221	BL41XU	黒木 良太	Homodimeric Cross-Over Structure of the Human Granulocyte Colony-Stimulating Factor (GCSF) Receptor Signaling Complex
			2003A0222	BL41XU	黒木 良太	
			2003A0749	BL38B1	黒木 良太	
Toshihiro Okada	9402	103 (2006) 6471-6476	2005B0400	BL41XU	福山 恵一	Crystal Structures of γ -glutamyltranspeptidase from <i>Escherichia coli</i> , a Key Enzyme in Glutathione Metabolism, and Its Reaction Intermediate
Nobutaka Numoto	9435	102 (2005) 14521-14526	2003B0861	BL38B1	三木 邦夫	Structure of an Extracellular Giant Haemoglobin of the Gutless Beard Worm <i>Oligobranchia mashiko</i>
			2004A0674	BL38B1	三木 邦夫	
			2004B0837	BL38B1	三木 邦夫	
			2005A0853	BL38B1	三木 邦夫	
			2003B0464	BL41XU	三木 邦夫	
			2004A0205	BL41XU	三木 邦夫	
			2003A0437	BL41XU	三木 邦夫	
			2003B0863	BL41XU	三木 邦夫	
			2004A0676	BL41XU	三木 邦夫	
			2004B0838	BL41XU	三木 邦夫	
			2005A0854	BL41XU	三木 邦夫	
			C03A7451	BL44XU	三木 邦夫	
			C03B7451	BL44XU	三木 邦夫	
			C04A7451	BL44XU	三木 邦夫	
			C04B7451	BL44XU	三木 邦夫	
C05A7451	BL44XU	三木 邦夫				
理研	BL45XU					

Biopolymers

主著者名	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
Kenji Okuyama	9375	84 (2006) 181-191	2001A0234	BL40B2	奥山 健二	Revision of Collagen Molecular Structure
			2001B0126	BL40B2	奥山 健二	
			2002A0088	BL40B2	奥山 健二	
Kenji Okuyama	9376	81 (2006) 225-233	2004A0027	BL40B2	奥山 健二	Conformation of alloHyp in the Y Position in the Host-guest Peptide with the Pro-Pro-Gly Sequence: Implication of the Destabilization of (Pro-alloHyp-Gly) ₁₀
			C05A7207	BL44XU	奥山 健二	

Journal of Applied Physics

Toshikazu Kubo	9273	99 (2006) 08G911	C05A3111	BL16XU	久保 登士和	Study of Stacking Fault Effect on Magnetic Anisotropy of CoPtCr-SiO ₂ Perpendicular Media by Synchrotron Radiation X-ray Diffraction
Yasuhiro Yoneda	9452	99 (2006) 74108	2004B0342	BL04B2	米田 安宏	Crystallization Process of Ferroelectric Bi ₄ Ti ₃ O ₁₂ from Amorphous State
			2004A0018	BL04B2	米田 安宏	

Journal of the American Chemical Society

Yasujiro Taguchi	9300	128 (2006) 3313-3323	2005B0749	BL02B2	田口 康二郎	Synthesis, Structure, and Magnetic Properties of Li-doped Manganese-Phthalocyanine, Li _x [MnPc] (0 < x < 4)
Yuming Xiao	9400	127 (2005) 14596-14606	2004A2032	BL09XU	Cramer Stephen	Normal Mode Analysis of <i>Pyrococcus furiosus</i> Rubredoxin via Nuclear Resonance Vibrational Spectroscopy (NRVS) and Resonance Raman Spectroscopy

Materials Science Forum

Tomokazu Sano	8822	512 (2006) 349-354	2004B0020	BL13XU	佐野 智一	Femtosecond Laser Synthesis of the High-Pressure Phase of Iron
			2003B0725	BL13XU	佐野 智一	
Akihiko Kajinami	9147	502 (2005) 335-338	2003A0866	BL19B2	明珍 宗孝	<i>In-situ</i> X-ray Diffraction Measurement of Electrodeposition Process in Molten Salts
			2003B0948	BL19B2	明珍 宗孝	

Nuclear Instruments and Methods in Physics Research Section B

Toru Ozaki	8392	238 (2005) 255-258	2003A0584	BL28B2	尾崎 徹	White Beam X-ray Topographic Measurement of Spontaneous Strain in Strontium Titanate
			2003B0404	BL28B2	尾崎 徹	
Kouichi Hayashi	9373	238 (2005) 192-195	2003B0480	BL37XU	松原 英一郎	X-Ray Fluorescence Holography of 0.078 wt% Copper in Silicon Steel

Physical Review Letters

Masato Kubota	8598	95 (2005) 026401	2001B0321	BL46XU	久保田 正人	Ferro-type Orbital State in the Mott Transition System Ca _{2-x} Sr _x RuO ₄ Studied by the Resonant X-ray Scattering Interference Technique
Stephen Dugdale	9429	96 (2006) 046406	2004A0332	BL08W	Dugdale Stephen	Observation of a Strongly Nested Fermi Surface in the Shape-Memory Alloy Ni _{0.62} Al _{0.38}

Physics and Chemistry of Minerals

Shigeaki Ono	9301	33 (2006) 200-206	2004A3013	BL10XU	巽 好幸	The Stability and Compressibility of MgAl ₂ O ₄ High-Pressure Polymorphs
			2004B4892	BL10XU	巽 好幸	
Hitoshi Yusa	9317	33 (2006) 217-226	2004B0189	BL04B2	遊佐 斉	High-Pressure Transformations of Ilmenite to Perovskite, and Lithium Niobate to Perovskite in Zinc Germanate
			2005A0227	BL10XU	遊佐 斉	

Soft Matter

Atsushi Takahara	9455	2 (2006) 415-421	2005A0755	BL02B2	高原 淳	Polystyrene-Grafted Titanium Oxide Nanoparticles Prepared through Surface-Initiated Nitroxide-Mediated Radical Polymerization and Their Application to Polymer Hybrid Thin Films
			2004A0320	BL02B2	高原 淳	
Kazuya Yamamoto	9456	1 (2005) 372-377	2003A0320	BL02B2	高原 淳	Transparent Polymer Nanohybrid Prepared by <i>in situ</i> Synthesis of Aluminosilicate Nanofiber in Poly(vinyl alcohol) Solution

Analytical Sciences

主著者名	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
Chang-Jin Ma	9426	22 (2006) 415-419	2004A0061	BL37XU	東野 達	Elemental Distribution in Individual Rain Droplets Determined by a Combination of the Replication Method and the Synchrotron Radiation X-ray Fluorescence Microprobe Technique
			2001B0395	BL39XU	東野 達	
			2002A4029	BL39XU	早川 慎二郎	

Angewandte Chemie International Edition

Hiromasa Kuorsaki	9379	44 (2005) 3861-3864	2003B0821	BL41XU	山縣 ゆり子	Irreversible Inhibition of Metallo-β-Lactamase (IMP-1) by 3-(3-Mercaptopropionylsulfanyl)-propionic Acid Pentafluorophenyl Ester
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Applied Physics A

Tatsuo Noritake	9414	83 (2006) 277-279	2005A0152	BL19B2	則竹 達夫	Crystal Structure Analysis of Novel Complex Hydrides Formed by the Combination of LiBH ₄ and LiNH ₂
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Atmospheric Environment

Chang-Jin Ma	9422	39 (2005) 739-747	2001B0395	BL39XU	東野 達	A Case Study of the Size-Resolved Individual Particles Collected at a Ground-Based Site on the West Coast of Japan during an Asian Dust Storm Event
			2002A4029	BL39XU	早川 慎二郎	

Biochimica et Biophysica Acta

Nobutaka Numoto	9433	1750 (2005) 103-117	2003B0861	BL38B1	三木 邦夫	Crystallization and Preliminary X-ray Crystallographic Analysis of Extracellular Giant Hemoglobin from Pogonophoran <i>Oligobranchia mashikoi</i>
			2004A0674	BL38B1	三木 邦夫	
			2004B0837	BL38B1	三木 邦夫	
			2005A0853	BL38B1	三木 邦夫	
			2003B0464	BL41XU	三木 邦夫	
			2004A0205	BL41XU	三木 邦夫	
			2003A0437	BL41XU	三木 邦夫	
			2003B0863	BL41XU	三木 邦夫	
			2004A0676	BL41XU	三木 邦夫	
			2004B0838	BL41XU	三木 邦夫	
			2005A0854	BL41XU	三木 邦夫	
			C03A7451	BL44XU	三木 邦夫	
			C03B7451	BL44XU	三木 邦夫	
			C04A7451	BL44XU	三木 邦夫	
			C04B7451	BL44XU	三木 邦夫	
			C05A7451	BL44XU	三木 邦夫	
理研	BL45XU					

Biophysical Journal

Ryushi Toh	9187	90 (2006) 1723-1728	2002B0142	BL40XU	横山 光宏	An X-Ray Diffraction Study on Mouse Cardiac Cross-Bridge Function In Vivo: Effects of Adrenergic Stimulation
			2003A0079	BL40XU	横山 光宏	
			2003B0015	BL40XU	横山 光宏	
			2004B0319	BL40XU	横山 光宏	
			2005A0455	BL40XU	篠原 正和	

Bulletin of the Chemical Society of Japan

Shin-ichi Nagaoka	9323	79 (2006) 537-548	2002A0029	BL27SU	長岡 伸一	Chemical Shifts in ESCA and NMR: The Case of Bridged Trichlorosilyl-Trimethylsilyl Molecules
			2002B0101	BL27SU	長岡 伸一	
			2003A0023	BL27SU	長岡 伸一	
			2004A0055	BL27SU	長岡 伸一	

Chemistry Letters

Naoki Sakakibara	9215	33 (2004) 264-265	2003A0539	BL37XU	高橋 嘉夫	Direct Speciation of Tin Compounds in Environmental Samples using Sn K-edge XANES
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e-Journal of Surface Science and Nanotechnology

Yoshiyuki Yamashita	9206	4 (2006) 280-284	2003B0209	BL27SU	山下 良之	Direct Observation of the Site-Specific Valence Electronic Structure at SiO ₂ /Si(111) Interface
			2004A0345	BL27SU	山下 良之	

The FEBS Journal

主著者名	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
Akemi Abe	9271	272 (2005) 6145-6153	C05A7104	BL44XU	神鳥 成弘	Complexes of <i>Thermoactinomyces vulgaris</i> R-47 - amylase 1 and Pullulan Model Oligosaccharides Provide New Insight into the Mechanism for Recognizing Substrates with α -(1,6) Glycosidic Linkages

Journal of Alloys and Compounds

Ronnebro Ewa	9270	404-406 (2005) 68-72	2005A0905	BL19B2	境 哲男	Hydrogen Sites Analysed X-ray Synchrotron Diffraction in Mg_7TiH_{13-16} Made at Gigapascal High-Pressures
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The Journal of Biochemistry

Kenji Okuyama	9377	138 (2005) 135-144	2001A0233	BL40B2	奥山 健二	Repetitive Interactions Observed in the Crystal Structure of a Collagen-Model Peptide, [(Pro-Pro-Gly) ₉] ₃
			2002B0052	BL40B2	奥山 健二	
			C00B7104	BL44XU	奥山 健二	

Journal of Electron Spectroscopy and Related Phenomena

Ichiro Sakai	9242	144-147 (2005) 1011-1013	2002B0447	BL19B2	村井 健介	Aerodynamic Levitation Apparatus for Structure Study of High Temperature Materials Coupled with Debye-Scherrer Camera at BL19B2 of SPring-8
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Journal of Physics and Chemistry of Solids

Akihisa Koizumi	9140	66 (2005) 2183-2191	2002A0008	BL08W	小泉 昭久	Hole Concentration Dependence of Mn e_g Orbital State in Bilayer Manganites Studied by Magnetic Compton Profile Measurement
			2001B0235	BL08W	小泉 昭久	
			2000B0205	BL08W	小泉 昭久	

Journal of Power Sources

Hisataka Yakabe	9332	131 (2004) 278-284	2002A0705	BL19B2	矢加部 久孝	Evaluation of Residual Stresses in a SOFC Stack
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Journal of Synchrotron Radiation

Toshihiko Oka	9219	13 (2006) 281-284	2003A0173	BL40B2	岡 俊彦	High-Resolution Powder Diffraction Study of Purple Membrane with a Large Guinier-Type Camera
			2003B0270	BL40B2	岡 俊彦	
			2004A0304	BL40XU	岡 俊彦	

Journal of the Physical Society of Japan

Tsuneaki Miyahara	9218	75 (2006) 44707	2004A0414	BL25SU	宮原 恒あき	MCD Study on $Ce_xLa_{1-x}Ni$: Difference between the "Local" and "Coherent" Kondo Effect
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Journal of the Society for Information Display

Tetsuo Honma	9193	13 (2005) 679-683	2004A0793	BL19B2	本間 徹生	Effect on Deoxidation of Doped Europium in Oxidized $BaMgAl_{10}O_{17}$
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Macromolecules

Tsukasa Miyazaki	9200	39 (2006) 2921-2929	2004B0103	BL40B2	宮崎 司	SAXS Studies on Structural Changes in a Poly(vinyl alcohol) Film during Uniaxial Stretching in Water
			2005A0014	BL40B2	宮崎 司	
			理研	BL45XU		

Materials Transactions

Yuko Nakamori	9415	46 (2005) 2093-2097	2004B0441	BL19B2	砥綿 真一	Guidelines for Developing Amide-Based Hydrogen Storage Materials
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Metallurgical and Materials Transactions A

Hiroyuki Toda	9459	37A (2006) 1211-1219	2003B0292	BL20B2	戸田 裕之	Quantitative Assessment of Microstructure and its Effects on Compression Behavior of Aluminum Foams via High-Resolution Synchrotron X-ray Tomography
			2003B0293	BL47XU	戸田 裕之	
			2004A0356	BL20B2	戸田 裕之	
			2004A0358	BL47XU	戸田 裕之	

Nuclear Science and Techniques

主著者名	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
Masami Ando	9172	15 (2004) 129-139	2002A0309	BL20B2	宇山 親雄	Development of X-ray Dark-Field Imaging towards Clinical Application
			2002A0462	BL20B2	安藤 正海	
			2002B0621	BL20B2	安藤 正海	
			2002B0622	BL47XU	安藤 正海	
			2003A0353	BL20B2	安藤 正海	
			2003B0657	BL20B2	安藤 正海	
			2004A0484	BL20B2	安藤 正海	

Physica B

Koji Arafune	9199	376-377 (2006) 236-239	2005A0385	BL37XU	大下 祥雄	Study on Defects and Impurities in Cast-Grown Polycrystalline Silicon Substrate for Solar Cells
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Review of Scientific Instruments

Akihisa Takeuchi	9409	73 (2002) 4246-4249	R01A0024	BL47XU	竹内 晃久	Submicrometer-Resolution Three-Dimensional Imaging with Hard X-ray Imaging Microtomography
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Science and Technology of Welding and Joining

Takahiro Osuki	9100	11 (2006) 33-42	2004A0257	BL46XU	米村 光治	Verification of Numerical Model to Predict Microstructure of Austenitic Stainless Steel Weld Metal using Synchrotron Radiation and Trans Vastrestraint Testing
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X-ray Spectrometry

Yoshinori Nishiwaki	9339	35 (2006) 195-199	2000A0140	BL08W	二宮 利男	Nondestructive Discrimination of Small Glass Fragments for Forensic Examination using High Energy Synchrotron Radiation X-ray Fluorescence Spectrometry
			2000A0098	BL08W	中井 泉	
			1999B0222	BL08W	中井 泉	

日本ゴム協会誌 (Journal of the Society of Rubber Industry, Japan)

Atsushi Takahara	9413	79 (2006) 219-224	2005B0757	BL40B2	高原 淳	Characterization and Degradation Behavior of Segmented Poly(urethaneurea)s Prepared from Amino-acid Based Diisocyanate
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溶接学会論文集 (Quaternary Journal of the Japan Welding Society)

Yu-ichi Komizo	9101	24 (2006) 57-64	2004A0257	BL46XU	米村 光治	In-situ Observation of Phase Evolution in Fusion Welding of Hypereutectoid Carbon Steel
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博士論文

Isobe Shigehito	9190	広島大学 (2006)	2005A0918	BL19B2	市川 貴之	Hydrogen Storage Properties of Lithium-Nitrogen-Hydrogen System
Yukio Takahashi	9220	東北大学 (2004) 1-157	2003A0405	BL37XU	嶋 敏之	Study of Advanced X-ray Fluorescence Holography Method
			2003A0406	BL37XU	松原 英一郎	
			2003B0481	BL47XU	松原 英一郎	
Kazutaka Ikeda	9291	東北大学 (2006)	2005B0899	BL19B2	有賀 恭一	Synthesis and Hydriding Properties of Light Metal Hydrides with Amorphous and Perovskite-Related Structures
Yeonhwan Jeong	9173	北九州市立大学 (2006) 1-136	2005B0150	BL40B2	Jeong Yeonhwan	Supramolecular Structure of the Site-Assembled Aggregates Made from Low Molecular Weight Gelators
			2003A0314	BL40B2	櫻井 和朗	
			2003B0792	BL40B2	櫻井 和朗	
			2005A0680	BL40B2	櫻井 和朗	
			2005A0681	BL40B2	Jeong Yeonhwan	

課題以外の成果

Proteins: Structure, Function, and Bioinformatics

主著者名	研究成果番号	巻、発行年、頁		ビームライン	タイトル
Yasuhito Shomura	9434	60 (2005) 803-806	理研	BL44B2	Crystal Structure of Stilbene Synthase from <i>Arachis hypogaea</i>
Wakana Iwasaki	9437	61 (2005) 1121-1126	理研 理研	BL44B2 BL45XU	Crystal Structure of the Small Form of Glucose-Inhibited Division Protein A from <i>Thermus thermophilus</i> HB8
Tsuyoshi Nonaka	9438	61 (2005) 1137-1140	理研	BL44B2	Crystal Structure of Putative <i>N</i> -Acetyl- γ -Glutamyl-Phosphate Reductase (AK071544) from Rice (<i>Oryza sativa</i>)

Acta Crystallographica Section F

Jun Miura-Ohnuma	9439	61 (2005) 1058-1061	理研	BL44B2	Improved Expression, Purification, and Crystallization of a Putative <i>N</i> -acetyl- γ -glutamyl-phosphate Reductase from Rice (<i>Oryza sativa</i>)
Yuuichi Nishitani	9441	62 (2006) 419-421	理研	BL44B2	Purification, Crystallization, and Preliminary X-ray Diffraction Studies of <i>N</i> -Acetylglucosamine-phosphate Mutase from <i>Candida albicans</i>

e-Journal of Surface Science and Nanotechnology

Masamitsu Takahashi	9331	4 (2006) 426-430	原研	BL11XU	Study of InAs/GaAs(001) Nanoisland Growth Process by in-situ and Real-Time X-ray Diffraction
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Journal of Synchrotron Radiation

John P. Sutter	9227	13 (2006) 278-280	装置技術	BL29XU	Nearly Perfect Large-Area Quartz: 4 meV Resolution for 10 keV Photons over 10 cm ²
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The Journal of Biological Chemistry

Masaru Goto	9424	280 (2005) 37246-37256	理研	BL44B2	Structural Determinants for Branched-Chain Aminotransferase Isozyme Specific Inhibition by the Anticonvulsant Drug Gabapentin
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Physical Review B

Kaori Kuzushita	9330	73 (2006) 104431	原研	BL22XU	Induced Orbital Polarization of Ga Ligand Atoms in UTGa ₅ (<i>T</i> =Ni, Pd, and Pt)
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Physical Review E

Masaru Takao	8595	72 (2005) 046502	加速器		Formulation of Nonlinear Chromaticity in Circular Accelerators by Canonical Perturbation Method
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Physics and Chemistry of Minerals

Taku Okada	5952	31 (2004) 261-268	原研	BL14B1	Kinetics of the Graphite-Diamond Transformation in Aqueous Fluid Determined by in-situ X-ray Diffractions at High Pressures and Temperatures
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