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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19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(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 Magnetism and Magnetic Materials

筆頭著者	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
Shin-ichi Kimura	10709	310 (2007) 1102-1104	2005A0012	BL43IR	木村 真一	Pressure Dependence of the Phase Separation in Deuterated $-(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$ at the Mott Boundary
			2005B0043	BL43IR	木村 真一	
Masaichiro Mizumaki	10713	310 (2007) 1871-1873	2002A0550	BL25SU	水牧 仁一郎	Investigation of the Electronic Structure in SmCo_3B_2 by Means of MCD Measurements
Satoshi Tsutsui	10714	310 (2007) 241-242	2004A0589	BL09XU	筒井 智嗣	Inelastic X-ray Scattering of Sm-filled Skutterudite Compounds
			2005A0369	BL35XU	筒井 智嗣	
Susumu Shimomura	10720	310 (2007) 793-795	2004A0347	BL02B2	中村 真一	Structural Properties of a Mixed Valence Compound Fe_2BO_4
Hiroshi Sakurai	10797	310 (2007) 2710-2712	2006A0097	BL08W	桜井 浩	Anisotropies of Spin Densities in Metallic Multilayers with Perpendicular Anisotropies
Ikuo Nakai	10829	310 (2007) 1868-1870	2003A0365	BL39XU	中井 生央	Cu K Edge X-ray Magnetic Circular Dichroism of Amorphous $\text{Gd}_{68}\text{Cu}_{32}$
			2003B0720	BL39XU	中井 生央	

Journal of the Physical Society of Japan

Hidekazu Okamura	10591	76 (2007) 023703	2004A0778	BL43IR	岡村 英一	Universal Scaling in the Dynamical Conductivity of Heavy Fermion Ce and Yb Compounds
Shigemasa Suga	10612	74 (2005) 2880-2884	2000A0114	BL25SU	菅 滋正	Kondo Lattice Effects of YbAl_3 Suggested by Temperature Dependence of High Accuracy High Energy Photoelectron Spectroscopy
Fumihiko Matui	10677	76 (2007) 013705	2005A0540	BL25SU	大門 寛	Site-Specific Orbital Angular Momentum Analysis of Graphite Valence Electron Using Photoelectron Forward Focusing Peaks
Kenichi Takemura	10710	76 (2007) 023601	2003B0541	BL10XU	竹村 謙一	Crystal Structure of the High-Pressure Phase of Mercury: A Novel Monoclinic Distortion of the Close-Packed Structure
			2004B0556	BL10XU	竹村 謙一	
			2005A2556	BL10XU	竹村 謙一	

Japanese Journal of Applied Physics

筆頭著者	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
Toshihiro Okajima	9839	45 (2006)	2003A0477	BL01B1	田中 功	Dilute Ga Dopant in TiO ₂ by X-ray Absorption Near-Edge Structure
		7028-7031	2003B0518	BL01B1	田中 功	
Yuya Shinohara	10815	46 (2007)	2006A1570	BL40XU	篠原 佑也	X-ray Photon Correlation Spectroscopy of Filler in Rubber
		L300-L302	2006B1679	BL40XU	篠原 佑也	
Yoshihiro Terado	10835	45 (2006)	2006A0096	BL02B2	西堀 英治	Disorder of Pb Atom in Cubic Structure of Pb(Zn _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ System

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

Sean R. Shieh	9031	103 (2006)	2005A5013	BL10XU	巽 好幸	Equation of State of the Post-perovskite Phase Synthesized from a Natural (Mg,Fe)SiO ₃ Orthopyroxene
Takanori Muto	10676	104 (2007)	2005A0339	BL41XU	森川 耿介	Structures of the Extracellular Regions of the Group / Metabotropic Glutamate Receptors
Masaki Nojiri	10721	104 (2007)	2005B6718	BL44XU	野尻 正樹	Structure and Function of a Hexameric Copper-Containing Nitrite Reductase
		4315-4320	2003A0442	BL41XU	井上 豪	

Review of Scientific Instruments

Togo Kudo	10240	77 (2006)	2003A2005	BL46XU	工藤 統吾	Synchrotron Radiation X-ray Beam Profile Monitor Using CVD Diamond Film
		123105	2005B0942	BL46XU	工藤 統吾	
			2006A1774	BL46XU	工藤 統吾	
Hideyuki Yasufuku	10560	77 (2006)	C03B2005	BL15XU	吉川 英樹	On the Wide-Energy-Range Tuning of XPEEM Optics for the Observation of the Photoelectrons Excited by Several keV X-rays
		033702	C05A2003	BL15XU	安福 秀幸	
			2005B4610	BL15XU	安福 秀幸	
Togo Kudo	10786	78 (2007)	R03B0057	BL38B1	工藤 統吾	Feedback System for Improving the Performance of Extended X-ray Absorption Fine Structure Measurements
		033104	R02B0027	BL38B1	工藤 統吾	

The Journal of Physical Chemistry B

Do-Hyung Kim	8656	108 (2004)	C04A1011	BL12B2	Noh Do-Young	Oxidation Kinetics in Iron and Stainless Steel: an in Situ X-ray Reflectivity Study
		20213-20218	C03A1018	BL12B2	Noh Do-Young	
			C02A1006	BL12B2	Noh Do-Young	
Ching-Hsiang Chen	8663	109 (2005)	C04A1004	BL12B2	Hwang Bing-Joe	Nucleation and Growth Mechanism of Pd/Pt Bimetallic Clusters in Sodium Bis(2-ethylhexyl)sulfosuccinate (AOT) Reverse Micelles as Studied by in Situ X-ray Absorption Spectroscopy
Ryo Kitaura	9034	109 (2005)	2003A0371	BL02B2	北川 進	Formation and Characterization of Crystalline Molecular Arrays of Gas Molecules in a 1-dimensional Ultramicropore of a Porous Copper Coordination Polymer

Acta Crystallographica Section F

Akari Shinohara	10553	63 (2007)	2006A1386	BL41XU	今田 勝巳	Crystallization and Preliminary X-ray Analysis of MotY, a Stator Component of the <i>Vibrio alginolyticus</i> Polar Flagellar Motor
		89-92	2004B0281	BL41XU	今田 勝巳	
Shouhei Mine	10632	62 (2006)	C05A7201	BL44XU	石川 一彦	Crystallization and X-ray Diffraction Analysis of a Catalytic Domain of Hyperthermophilic Chitinase from <i>Pyrococcus furiosus</i>

Applied Physics Letters

Noriyuki Yoshimoto	10662	90 (2007)	2006B1318	BL13XU	吉本 則之	Polymorphism in Pentacene Thin Films on SiO ₂ Substrate
Kosuke Nagashio	10801	89 (2006)	2006A1036	BL13XU	吉田 郵司	<i>In-situ</i> Identification of the Metastable Phase during Solidification from the Undercooled YFeO ₃ Melt by Fast X-ray Diffractometry at 250 Hz
		241923	2006A3505	BL11XU	長汐 晃輔	

Physica B

筆頭著者	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
Hidenori Fujiwara	10613	378-380 (2006) 515-517	2001A0129	BL25SU	関山 明	Diversity of Electronic States of Nd _{0.5} Sr _{0.5} MnO ₃ Revealed by Soft X-ray Photoemission
			2001B0174	BL25SU	関山 明	
			2003A0593	BL25SU	関山 明	
Shuuta Tahara	10682	385-386 (2006) 219-221	2005A0314	BL04B2	川北 至信	Structure and Electron-Ion Correlation in Liquid Mg

Physica Status Solidi B

Yoshihisa Mori	10711	244 (2007) 270-273	2006A1247	BL04B2	森 嘉久	X-ray Diffraction Study of Amorphous Phase of BaSi ₂ under High Pressure
			2005A0547	BL04B2	森 嘉久	
Yoshihisa Mori	10712	244 (2007) 234-238	2002B0047	BL10XU	森 嘉久	Pressure-induced Phase Transition in Co-doped ZnO
			2003B0129	BL04B2	森 嘉久	

Physical Review B

Jesus Chaboy	10611	75 (2007) 064410	2004A0020	BL39XU	Chaboy Jesus	Relationship between the Magnetic Moment of Lu and the Magnetic Behavior of (Y _y Lu _{1-y})(Co _{1-x} Al _x) ₂ from X-ray Absorption Spectroscopy and X-ray Magnetic Circular Dichroism
			2006A1107	BL39XU	Chaboy Jesus	
Z. V. Pchelkina	10614	75 (2007) 035122	2000A0118	BL25SU	関山 明	Evidence for Strong Electronic Correlations in the Spectra of Sr ₂ RuO ₄
			2001A0128	BL25SU	関山 明	
			2002B3009	BL25SU	菅 滋正	
			2003A4009	BL25SU	菅 滋正	

Physical Review Letters

Masao Yano	10615	98 (2007) 036405	2004A6009	BL25SU	菅 滋正	Three-Dimensional Bulk Fermiology of CeRu ₂ Ge ₂ in the Paramagnetic Phase by Soft X-Ray $h\nu$ -Dependent (700-860 eV) ARPES
			2004B0400	BL25SU	関山 明	
Kazuhiro Matsuda	10718	98 (2007) 096401	2003B0463	BL28B2	松田 和博	Instability of the Electron Gas in an Expanding Metal
			2004A0235	BL28B2	松田 和博	
			2004B0072	BL04B2	松田 和博	
			2005A0474	BL04B2	松田 和博	

Science

George J. Flynn	10715	314 (2006) 1731-1735	2006A1463	BL47XU	土山 明	Elemental Compositions of Comet 81P/Wild 2 Samples Collected by Stardust
Michael Zolensky	10716	314 (2007) 1735-1739	2006A1463	BL47XU	土山 明	Mineralogy and Petrology of Comet 81P/Wild 2 Nucleus Samples

The FEBS Journal

Kei Wada	10425	274 (2007) 563-573	2006A1437	BL41XU	福山 恵一	Crystal Structures of CbiL, a Methyltransferase Involved in Vitamin B ₁₂ Biosynthesis, and CbiL in Complex with S-adenosylhomocysteine - Implications for the Reaction Mechanism
			2006A1727	BL38B1	福山 恵一	
Kiyohiko Igarashi	10635	273 (2006) 2869-2878	2002A0435	BL40B2	和田 昌久	Surface Density of Cellobiohydrolase on Crystalline Celluloses A Critical Parameter to Evaluate Enzymatic Kinetics at a Solid-Liquid Interface

The Journal of Biological Chemistry

Toshihiro Okada	10479	282 (2007) 2433-2439	2006A1727	BL41XU	福山 恵一	Crystal Structure of the α -Glutamyltrypsin Precursor Protein from <i>Escherichia coli</i> <i>STRUCTURAL CHANGES UPON AUTOCATALYTIC PROCESSING AND IMPLICATIONS FOR THE MATURATION MECHANISM</i>
			2006B1671	BL38B1	福山 恵一	
Michikazu Tanio	10561	282 (2007) 3889-3895	C04B5019	BL24XU	杉尾 成俊	Trivalent Recognition Unit of Innate Immunity System: Crystal Structure of Trimeric Human M-Ficolin Fibrinogen-Like Domain

The Journal of Chemical Physics

筆頭著者	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
Mikihito Takenaka	10597	126 (2007) 064903	2006A1123	BL45XU	竹中 幹人	A Quantitative Comparison between Dynamic Structure Factors Obtained Experimentally and Those Calculated with Doi-Onuki Theory
			2005B0336	BL45XU	竹中 幹人	
Hitoshi Murakami	10637	126 (2007) 054306	2006A1424	BL37XU	八尾 誠	Electron-Ion-Coincidence Spectra of K-shell Excited Ne, Ar, and Kr Clusters
			2005B0751	BL37XU	八尾 誠	

AIP Conference Proceedings

Yasuo Izumi	10464	882 (2007) 588-590	2006A1156	BL37XU	泉 康雄	State-sensitive Monitoring of Active and Promoter Sites. Applications to Au/titania and Pt-Sn/silica Catalysts by XAFS Combined with X-ray Fluorescence Spectrometry
			2004A0122	BL37XU	泉 康雄	
			2003B0386	BL10XU	泉 康雄	

AGU Geophysical Monograph "Earth's Deep Water Cycle"

Toru Inoue	10554	168 (2006) 147-157	2001A0385	BL04B1	井上 徹	High-Pressure and High-Temperature Stability and Equation of State of Superhydrous Phase B
			2001B0443	BL04B1	井上 徹	

Biochemistry

Masakazu Sugishima	10599	46 (2007) 1860-1867	2006A1437	BL41XU	福山 恵一	X-ray Crystallographic and Biochemical Characterization of the Inhibitory Action of an Imidazole-Dioxolane Compound on Heme Oxygenase
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Biomacromolecules

Yuko Ikeda	10693	8 (2007) 693-699	2006A1298	BL40B2	池田 裕子	Nonuniformity in Natural Rubber as Revealed by Small-Angle Neutron Scattering, Small-Angle X-ray Scattering, and Atomic Force Microscopy
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Bulletin of the Chemical Society of Japan

Yeonhwan Jeong	10781	80 (2007) 410-417	2005A0680	BL40B2	桜井 和朗	Complex Made from Tetrasodium <i>N,N</i> -Bis(carboxylatomethyl) Glutamate and Sodium Oleate that Forms a Highly Ordered Lamella in Gel Phase
			2005A0681	BL40B2	Jeong Yeonhwan	
			2005B0150	BL40B2	Jeong Yeonhwan	
			2006A1581	BL40B2	Jeong Yeonhwan	

Cellulose

Ritsuko Hori	10123	13 (2006) 281-290	2005B0937	BL40B2	野口 恵一	The Thermal Expansion of Cellulose and Crystals
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Chemical Physics Letters

Hironobu Fukuzawa	10180	431 (2006) 253-256	2006A1176	BL27SU	Pruemper Georg	Site-Specific Ffragmentation Following F 1s Photoionization of Free CF ₃ SF ₅ Molecules Studied by Electron-Ion Coincidence Spectroscopy
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ECS Transactions

Maki Suemitsu	10619	3 (2006) 311-316	2006A1651	BL23SU	末光 眞紀	Real-Time Observation of Initial Thermal Oxidation on Si(110)-16 × 2 Surface by Photoemission Spectroscopy
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Engineering in Life Sciences

Yasuo Izumi	10448	7 (2007) 52-60	2002B0738	BL10XU	泉 康雄	Optimization of an Iron Intercalated Montmorillonite Preparation for the Removal of Arsenic at Low Concentrations
			2003A0145	BL10XU	泉 康雄	

Geochimica et Cosmochimica Acta

筆頭著者	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
Yoshio Takahashi	10568	71 (2007) 984-1008	2006B1704	BL01B1	光延 聖	Chemical and Structural Control of the Partitioning of Co, Ce, and Pb in Marine Ferromanganese Oxides
			2006A1533	BL01B1	田中 万也	
			2005A0628	BL01B1	高橋 嘉夫	
			2001B0393	BL01B1	高橋 嘉夫	
			2003B0384	BL37XU	高橋 嘉夫	

Journal of Biotechnology

Yasuhiro Konishi	10644	128 (2007) 648-653	2005B0126	BL37XU	小西 康裕	Bioreductive Deposition of Platinum Nanoparticles on the Bacterium <i>Shewanella algae</i>
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Journal of Laser Micro/Nanoengineering

Yuji Sano	10840	1 (2006) 162-166	2004A0806	BL19B2	佐野 雄二	Laser Peening without Coating as a Surface Enhancement Technology
			2004B0915	BL19B2	佐野 雄二	

Journal of Organometallic Chemistry

Attila C. Bényei	10828	692 (2007) 1845-1851	2005B7001	BL02B1	鳥海 幸四郎	X-ray Structures of the Tris(2,4-xylyl)phosphane and Its Trisulfonated Derivative: Molecular Architecture of a Water-soluble Sulfonated Phosphane with Propeller Chirality
			2006A0095	BL02B1	小澤 芳樹	

Journal of Physical Chemistry B

Shigeo Sasaki	10784	111 (2007) 2473-2476	2006A1145	BL45XU	佐々木 茂男	Metastable Crystalline Lamella of Cetylpyridinium Chloride in the Krafft Transition
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Journal of Structural Biology

Yoshio Kajjura	9897	155 (2006) 438-444	2004A0630	BL40XU	雨宮 慶幸	Structural Analysis of Human Hair Single Fibres by Scanning Microbeam SAXS
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Journal of the American Ceramic Society

Akiko Ishikura	10808	90 (2007) 738-741	2004B0550	BL04B2	水野 章敏	Structure Analysis of Molten Ba Ge Alloys Using Electrostatic Levitation Technique Combined With High-Energy X-Ray Diffraction
			2005A0153	BL04B2	正木 匡彦	

Macromolecules

Yoshinobu Nozue	10816	40 (2007) 2036-2045	2005A0705	BL40XU	雨宮 慶幸	Deformation Behavior of Isotactic Polypropylene Spherulite during Hot Drawing Investigated by Simultaneous Microbeam SAXS-WAXS and POM Measurement
			2005B0155	BL40XU	雨宮 慶幸	

Materials Science Forum

Akitoshi Mizuno	10564	539-543 (2007) 2012-2017	2005B0355	BL04B2	水野 章敏	Structure of Glass and Liquid Studied with a Conical Nozzle Levitation and Diffraction Technique
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Materials Transactions

Akitoshi Mizuno	8858	46 (2005) 2799-2802	2005A0716	BL04B2	水野 章敏	High-Energy X-ray Diffraction Study of Liquid Structure of Metallic Glass-Forming Zr ₇₀ Cu ₃₀ Alloy
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Nuclear Instruments and Methods in Physics Research Section A

Marcus Kitchen	10629	548 (2005) 246-246	2003A0181	BL20B2	Lewis Rob	Analysis of Speckle Patterns in Phase-Contrast Images of Lung Tissue
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Physica Scripta

Hirofumi Oohashi	10601	75 (2007) 323-326	C03A2004	BL15XU	Vlaicu Aurel	Satellites Hidden by Diagram Lines in Heavy Elements Ir, Pt, Au
			C05A2001	BL15XU	Vlaicu Aurel	

Physical Review A

筆頭著者	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
Shin-ichi Nagaoka	10822	75 (2007) 020502(R)	2005A0076	BL27SU	長岡 伸一	Electron-Ion-Ion Triple-Coincidence Spectroscopic Study of Site-Specific Fragmentation Caused by Si:2p Core- Level Photoionization of F ₃ SiCH ₂ CH ₂ Si(CH ₃) ₃ Vapor
			2005B0279	BL27SU	長岡 伸一	
			2006A1603	BL27SU	長岡 伸一	

Physics in Medicine and Biology

Rob Lewis	10634	50 (2005) 5031-5040	2004A0556	BL20B2	Hooper Stuart	Dynamic Imaging of the Lungs using X-ray Phase Contrast
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Physics of the Earth and Planetary Interiors

Shigehiko Tateno	10558	160 (2007) 319-325	2005B7005	BL10XU	巽 好幸	Solubility of FeO in (Mg,Fe)SiO ₃ Perovskite and the Post-Perovskite Phase Transition
			2005B0010	BL10XU	巽 好幸	
			2006A0099	BL10XU	廣瀬 敬	

Polymer

Yuko Ikeda	10689	48 (2007) 1171-1175	2003B0664	BL40XU	池田 裕子	STrain-induced Crystallization of Peroxide-crosslinked Natural Rubber
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Progress in Surface Science

Kazuyuki Hirose	10579	82 (2007)	2005A0112	BL27SU	服部 健雄	Photoelectron Spectroscopy Studies of SiO ₂ /Si Interfaces
		3-54	2005A0410	BL47XU	財満 鎮明	

Radiation Physics and Chemistry

Yuichiro Morishita	8066	75 (2006) 1977-1980	2004B0367	BL27SU	齋藤 則生	A New Apparatus for Electron-Ion Multiple Coincidence Momentum Imaging Spectroscopy
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Structure

Yuji Ashikawa	10582	14 (2006) 1779-1789	2005A0671	BL41XU	芦川 雄二	Electron Transfer Complex Formation between Oxygenase and Ferredoxin Components in Rieske Nonheme Iron Oxygenase System
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The British Journal of Radiology

Marcus Kitchen	10630	78 (2005) 1018-1027	2003A0181	BL20B2	Lewis Rob	Phase Contrast X-ray Imaging of Mice and Rabbit Lungs: a Comparative Study
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真空 (Journal of the Vacuum Society of Japan)

Shuichi Ogawa	10555	49 (2006) 775-779	2004B0633	BL23SU	高桑 雄二	Real-time Photoelectron Spectroscopy for Nitridation at Ti(0001) Surface Using Supersonic N ₂ Molecular Beams
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電気学会論文誌C (IEEJ Transactions on Electronic, Information and Systems)

Shuichi Ogawa	10656	127 (2007) 140-145	2004B0633	BL23SU	高桑 雄二	Translational Kinetic Energy Induced Oxidation on Ti(0001) Surfaces Using a Supersonic O ₂ Beam
			2004A0435	BL23SU	高桑 雄二	
			2003B0770	BL23SU	高桑 雄二	
			2003A0602	BL23SU	高桑 雄二	

電子情報通信学会技術研究報告 (信学技報, IEICE Technical Report)

Maki Suemitsu	10651	SDM2006 (2006) 61-63	2006A1651	BL23SU	末光 眞紀	Comparison of Initial Oxidation between Si(110) and Si(100) Surfaces - From Real-Time Photoemission Spectroscopy -
			2005B0016	BL23SU	末光 眞紀	

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

Hideyuki Yasufuku	10559	26 (2005) 524-531	C03B2005	BL15XU	吉川 英樹	Development of Photoemission Electron Microscope by Imaging Inner Shell Photoelectrons Excited by High Energy Synchrotron Radiation X-rays
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博士論文

筆頭著者	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
Daisuke Hamane	10411	北海道大学 (2007)	2006A1580	BL10XU	浜根 大輔	Incorporation of Ferric Iron and Aluminum in Silicate Perovskite and Post-Perovskite Phases at the Earth's Lower Mantle
Kiyoka Okada	10598	広島大学 (2007)	2006A1576 2004B0271	BL40B2 BL40B2	岡田 聖香 彦坂 正道	Nucleation Mechanism Solved by First Direct Observation by Small Angle X-ray Scattering on Polymers

課題以外の成果として登録された論文

Acta Crystallographica Section F

筆頭著者	研究成果番号	巻、発行年、頁	課題番号	ビームライン	タイトル
Bagautdin Bagautdinov	10672	63 (2007) 15-17	理研	BL26B1	Purification, Crystallization and Preliminary Crystallographic Analysis of Archaeal 6-pyruvoyl Tetrahydrobiopterin Synthase Homologue PH0634 from <i>Pyrococcus horikoshii</i> OT3
Michihiro Sugahara	10675	63 (2007) 56-58	理研	BL26B1	Purification, Crystallization and Preliminary Crystallographic Analysis of the Putative Thiamine-Biosynthesis Protein PH1313 from <i>Pyrococcus horikoshii</i> OT3
Takashi Umehara	10753	61 (2005) 971-973	理研	BL26B1	Purification, Crystallization and Preliminary X-ray Diffraction Analysis of the Histone Chaperone cia1 from Fission Yeast
Augen Pioszak	10760	61 (2005) 867-874	理研	BL26B1	Structures of a Putative RNA 5-methyluridine Methyltransferase, <i>Thermus thermophilus</i> TTHA1280, and Its Complex with S-adenosyl-L-homocysteine
Ryoichi Arai	10764	62 (2006) 330-334	理研	BL26B1	Structure of Human Ubiquitin-Conjugating Enzyme E2 G2 (UBE2G2/UBC7)
Eiji Inagaki	10765	62 (2006) 169-171	理研 理研	BL26B1 BL26B2	Expression, Purification, Crystallization and Preliminary X-ray Diffraction Analysis of Galactokinase from <i>Pyrococcus horikoshii</i>
Marina Vassilyeva	10769	62 (2006) 909-912	理研	BL45XU	Cloning, Expression, Purification, Crystallization and Initial Crystallographic Analysis of the Preprotein Translocation ATPase SecA from <i>Thermus thermophilus</i>
Hiroaki Tanaka	10770	63 (2007) 69-73	理研	BL12B2	Crystallization of the Archaeal Transcription Termination Factor NusA: a Significant Decrease of Twinning in Microgravity
Shankar Kanaujia	10777	63 (2007) 27-29	理研	BL26B2	Crystallization and Preliminary Crystallographic Analysis of Molybdenum-cofactor Biosynthesis Protein C from <i>Thermus thermophilus</i>
Shankar Prasad Kanaujia	10778	63 (2007) 103-105	理研	BL26B2	Cloning, Expression, Purification, Crystallization and Preliminary X-ray Crystallographic Study of DHNA Synthetase from <i>Geobacillus kaustophilus</i>

Journal of Molecular Biology

Takanori Uzawa	9762	357 (2006) 997-1008	理研	BL45XU	Time-resolved Small-angle X-ray Scattering Investigation on the Folding Dynamics of Heme Oxygenase: Implication of the Scaling Relationship for the Submillisecond Intermediates of Protein Folding
Neratur K. Lokanath	10674	366 (2007) 933-944	理研	BL26B1	Dimeric Core Structure of Modular Stator Subunit E of Archaeal H ⁺ -ATPase
Miyuki Kato-Murayama	10754	348 (2005) 295-305	理研	BL26B1	Crystal Structure of the RNA 2'-phosphotransferase from <i>Aeropyrum pernix</i> K1
Eiichi Mizohata	10756	354 (2005) 317-329	理研	BL26B1	Crystal Structure of an Archaeal Peroxiredoxin from the Aerobic Hyperthermophilic Crenarchaeon <i>Aeropyrum pernix</i> K1
Mitsuo Kuratani	10761	355 (2006) 395-408	理研 理研	BL41XU BL44B2	Crystal Structures of Tyrosyl-tRNA Synthetases from <i>Archaea</i>
Ryuya Fukunaga	10766	359 (2006) 901-912	理研	BL26B1	Structural Basis for Substrate Recognition by the Editing Domain of Isoleucyl-tRNA Synthetase
Wataru Iwasaki	10768	360 (2006) 329-342	理研 理研	BL41XU BL26B1	Structural Basis of the Water-assisted Asparagine Recognition by Asparaginyl-tRNA Synthetase
Eiji Inagaki	10771	362 (2006) 490-501	理研	BL26B1	Crystal Structure of <i>Thermus thermophilus</i> ¹ -pyrroline-5-carboxylate Dehydrogenase
Noriko Handa	10773	363 (2006) 114-124	理研	BL26B1	The Crystal Structure of Mouse Nup35 Reveals Atypical RNP Motifs and Novel Homodimerization of the RRM Domain
Dmitry Vassilyev	10776	364 (2006) 248-258	理研	BL45XU	Crystal Structure of the Translocation ATPase SecA from <i>Thermus thermophilus</i> Reveals a Parallel, Head-to-Head Dimer

The Journal of Biological Chemistry

筆頭著者	研究成果番号	巻、発行年、頁	課題番号	チームライン	タイトル
Hideo Ago	10622	281 (2006) 16157-16167	理研	BL26B1	Structural Basis of the Sphingomyelin Phosphodiesterase Activity in Neutral Sphingomyelinase from <i>Bacillus cereus</i>
			理研	BL45XU	
Mutsuko Kukimoto-Niino	10763	281 (2006) 31843-31853	理研	BL26B1	Crystal Structure of the RUN Domain of Rap2-interacting Protein x
Shiro Suetsugu	10775	281 (2006) 35347-35358	理研	BL44B2	The RAC-binding Domain/IRSP53-MIM Homology Domain of IRSP53 Induces RAC-dependent Membrane Deformation

Protein Science

Akio Ebihara	10679	15 (2006) 1494-1499	理研	BL26B2	Crystal Structure of Hypothetical Protein TTHB192 from <i>Thermus thermophilus</i> HB8 Reveals a New Protein Family with an RNA Recognition Motif-like Domain
Ryoichi Arai	10762	15 (2006) 373-377	理研	BL26B1	Crystal Structure of the Probable Haloacid Dehalogenase PH0459 from <i>Pyrococcus horikoshii</i> OT3
Kaori Ito	10767	15 (2006) 1187-1192	理研	BL26B1	Crystal Structure of the Conserved Protein TTHA0727 from <i>Thermus thermophilus</i> HB8 at 1.9 Å Resolution : A CMD Family Member Distinct from Carboxymuconolactone Decarboxylase (CMD) and AhpD

Acta Crystallographica Section D

Naoyuki Kondo	10683	63 (2007) 230-239	理研	BL45XU	Structure of dNTP-inducible dNTP Triphosphohydrolase: Insight into Broad Specificity for dNTPs and Triphosphohydrolase-type Hydrolysis
Noriko Handa	10757	62 (2006) 1502-1509	理研	BL26B1	Structure of the UNC5H2 Death Domain

Physica B

Yoshikazu Tanaka	10678	383 (2006) 39-40	理研	BL19LXU	Incommensurate and Commensurate Quadrupole Orders in $Ce_{0.7}Pr_{0.3}B_6$
Yoshikazu Tabata	10684	359-361 (2005) 260-262	理研	BL19LXU	Spin Density Wave and Charge Density Wave in the Kondo-lattice Compound $Ce(Ru_{1-x}Rh_x)_2Si_2$

Proteins: Structure, Function, and Bioinformatics

Motoyuki Hattori	10755	61 (2005) 1117-1120	理研	BL26B1	Crystal Structure of the Hypothetical Protein TTHA1013 from <i>Thermus thermophilus</i> HB8
Motoyuki Hattori	10758	64 (2006) 284-287	理研	BL26B1	Crystal Structure of the Single-domain Rhodanese Homologue TTHA0613 from <i>Thermus thermophilus</i> HB8

Inorganic Chemistry

Takashi Hayashi	10657	45 (2006) 10530-10536	理研	BL44B2	Crystal Structure and Peroxidase Activity of Myoglobin Reconstituted with Iron Porphycene
			理研	BL45XU	

Molecular Cell

Balasundaram Padmanabhan	10759	21 (2006) 689-700	理研	BL26B1	Structural Basis for Defects of Keap1 Activity Provoked by Its Point Mutations in Lung Cancer
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RNA Biology

Xuesong Dong	10772	3 (2006) 115-121	理研	BL26B1	Crystal Structure of the tRNA Pseudouridine Synthase TruA from <i>Thermus thermophilus</i> HB8
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Structure

Shun-ichi Sekine	10774	14 (2006) 1791-1799	理研	BL44XU	Structural Bases of Transfer RNA-dependent Amino-Acid Recognition and Activation by Glutamyl-tRNA Synthetase
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The Journal of Biochemistry

Hirohito Ishikawa	10680	140 (2006) 535-542	理研	BL44B2	Crystal Structure of TTHA0252 from <i>Thermus thermophilus</i> HB8, a RNA Degradation Protein of the Metallo-β-lactamase Superfamily
			理研	BL26B1	

加速器 (Journal of the Particle Accelerator Society of Japan)

筆頭著者	研究成果番号	巻、発行年、頁	課題番号	ビームライン	タイトル
Masaru Takao	7692	2 (2005) 25-34	加速器		Hamiltonian Formulation of Higher Order Dispersion and Chromaticity of Circular Accelerators

電気学会論文誌C (IEEJ Transactions on Electronic, Information and Systems)

Yuden Teraoka	10655	127 (2007) 133-139	原研	BL23SU	Mechanisms of Concurrent SiO Desorption with Oxide Layer Formation at Si(001) Surface
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