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財団法人高輝度光科学研究センター
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http://www.spring8.or.jp/ja/science/publication_database/

このデータベースに登録された原著論文の内、平成22年1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、詳細は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。

http://www.spring8.or.jp/ja/news_publications/publications/user_exp_report/

今後も利用者情報には発行月の2ヶ月前の月末締めで、前号掲載分以降に登録された論文情報を掲載していく予定です。なお、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。

SPring-8 研究成果登録データベースに2010年1月～3月に登録された論文が掲載された主な雑誌と掲載論文数

掲載雑誌	登録論文数	掲載雑誌	登録論文数
Physical Review B	14	Acta Crystallography Section F	4
Applied Physics Letters	11	Earth and Planetary Science Letters	4
Japanese Journal of Applied Physics	11	Journal of Molecular Biology	4
Physical Review Letters	10	The Journal of Physical Chemistry	4
Journal of the Physical Society of Japan	7	Journal of Physics B	4
Acta Crystallography Section D	6	Journal of Physics: Conference Series	4
Journal of Applied Physics	5	Macromolecules	4
The Journal of Biological Chemistry	5	Physics Letters B	4
Proceedings of the Japan Academy Series B	5		

他全119誌、計 250報

課題の成果として登録された論文

Applied Physics Letters

研究成果番号	著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
15271	Takahide Kubota	95 (2009) 222503	2008B1007	BL25SU	安藤 康夫	Ferrimagnetism in Epitaxially Grown Mn ₂ VAl Heusler Alloy Investigated by Means of Soft X-ray Magnetic Circular Dichroism
15970	Yasuhiro Fukuma	93 (2008) 252502	2005B0188	BL47XU	仙波 伸也	Carrier-induced Ferromagnetism in Ge _{0.92} Mn _{0.08} Te Epilayers with a Curie Temperature up to 190 K
16086	Hiroshi Amekura	96 (2010) 023110	2006B4501	BL15XU	雨倉 宏	Melting of Zn Nanoparticles Embedded in SiO ₂ at High Temperatures: Effects on Surface Plasmon Resonances
			2007A4501	BL15XU	雨倉 宏	
			2007B4502	BL15XU	雨倉 宏	
			2008A4502	BL15XU	雨倉 宏	
2008B4800	BL15XU	小林 啓介				
16236	Glenn Myers	96 (2010) 021105	2008A1185	BL20B2	Thomas Christopher	A General Few-Projection Method for Tomographic Reconstruction of Samples Consisting of Several Distinct Materials
16390	Stephen Dubsky	96 (2010) 023702	2008B1969	BL20XU	Fouras Andreas	Computed Tomographic X-ray Velocimetry
16411	Kouhei Yoshimatsu	94 (2009) 071901	2006B1600	BL47XU	組頭 広志	Thickness Dependent Electronic Structure of La _{0.6} Sr _{0.4} MnO ₃ Layer in SrTiO ₃ /La _{0.6} Sr _{0.4} MnO ₃ /SrTiO ₃ Heterostructures Studied by Hard X-ray
			2009A1679	BL47XU	組頭 広志	
16508	Yukiaki Ishida	90 (2007) 022510	2004B0449	BL23SU	藤森 淳	Soft X-ray Magnetic Circular Dichroism Study of Weakly Ferromagnetic Zn _{1-x} V _x O Thin Film
16511	Yuanhua Lin	90 (2007) 222909	2005A0285	BL23SU	Lin Yuanhua	Phase Change Observed in ultrathin Ba _{0.5} Sr _{0.5} TiO ₃ Films by <i>in situ</i> Resonant Photoemission Spectroscopy
16513	Masaki Kobayashi	92 (2008) 082502	2006A3823	BL23SU	藤森 淳	Photoemission and X-ray Absorption Studies of Valence States in (Ni,Zn,Fe,Ti) ₃ O ₄ Thin Films Exhibiting Photoinduced Magnetization
16661	Jobu Matsuno	94 (2009) 181904	2007A3605	BL14B1	松野 丈夫	Local Structure Anomaly around Ge Dopants in Mn ₃ Cu _{0.7} Ge _{0.3} N with Negative Thermal Expansion
			2007A3614	BL14B1	松野 丈夫	
16342	Yuya Sakuraba	96 (2010) 092511	2007B1534	BL25SU	桜庭 裕弥	Co-concentration Dependence of Half-Metallic Properties in Co-Mn-Si Epitaxial Films

Physical Review B

14482	Hiroyuki Okazaki	80 (2009) 035420	2008A1740	BL25SU	岡崎 宏之	Spectroscopic Evidence of the Existence of Substantial Ca 3d Derived States at the Fermi Level in the Ca-intercalated Graphite Superconductor CaC ₆
15230	Yukiharu Takeda	80 (2009) 161101(R)	2007B3822	BL23SU	竹田 幸治	Bulk 5f Electronic States in Uranium Monochalcogenide US as Seen via Soft X-ray Photoemission Spectroscopy
15872	Masaichiro Mizumaki	80 (2009) 233104	2007A1511	BL39XU	東 正樹	Direct Observation of the Pressure-Induced Charge Redistribution in BiNiO ₃ by X-ray Absorption Spectroscopy
16081	Amy Lazicki	75 (2007) 054507	2005B0313	BL10XU	Yoo Choong-Shik	Search for Superconductivity in LiBC at High Pressure: Diamond Anvil Cell Experiments and First-Principles Calculations
16372	Tomomasa Kajita	81 (2010) 060405(R)	2007B1158	BL02B2	勝藤 拓郎	Opening of a Charge Gap with V Trimerization in BaV ₁₀ O ₁₅
16420	Claudia Utfeld	81 (2010) 064509	2009A1094	BL08W	Dugdale Stephen	Bulk Electronic Structure of Optimally Doped Ba(Fe _{1-x} Co _x) ₂ As ₂
16480	David Ellis	81 (2010) 085124	2006A3502	BL11XU	石井 賢司	Magnetic Nature of the 500 meV Peak in La _{2-x} Sr _x CuO ₄ Observed with Resonant Inelastic X-ray Scattering at the Cu K-edge
16507	Masaki Kobayashi	72 (2005) 201201(R)	2004B0449	BL23SU	藤森 淳	Characterization of Magnetic Components in the Diluted Magnetic Semiconductor Zn _{1-x} Co _x O by X-ray Magnetic Circular Dichroism
16517	Masaki Kobayashi	81 (2010) 075204	2004B0449	BL23SU	藤森 淳	Antiferromagnetic Interaction between Paramagnetic Co Ions in the Diluted Magnetic Semiconductor Zn _{1-x} Co _x O
16626	Roberto Boada	81 (2010) 100404(R)	2008B1753	BL39XU	Boada Roberto	Additivity of Magnetic Contributions to the X-ray Magnetic Circular Dichroism Spectrum
16666	Jaakko Akola	81 (2010) 094202	2009A1207	BL04B2	Bychkov Eugene	Density Variations in Liquid Tellurium: Roles of Rings, Chains, and Cavities

Japanese Journal of Applied Physics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
14469	Masaki Azuma	47 (2008) 7579-7581	2008B1750	BL02B2	岡 研吾	Rhombohedral-Tetragonal Phase Boundary with High Curie Temperature in $(1-x)\text{BiCoO}_3\text{-}x\text{BiFeO}_3$ Solid Solution
15924	Ryo Masuda	48 (2009) 120221	2007B3501 2008A3501	BL11XU BL11XU	三井 隆也 三井 隆也	A Spectrometer for Rayleigh Scattering of Mössbauer Radiation Using Synchrotron Radiation
15960	Koji Arafune	45 (2006) 6153-6156	2006A1348	BL43IR	大下 祥雄	Study on Iron Distribution and Electrical Activities at Grain Boundaries in Polycrystalline Silicon Substrate for Solar Cells
16023	Seiji Fujikawa	44 (2005) L144-L146	C02B5032	BL24XU	渡辺 義夫	Real-time Observation of Fractional-order X-ray Reflection Profiles of InP(001) during Step-low Growth
16038	Kazushi Yokoyama	41 (2002) 6094-6097	C01B5041	BL24XU	松井 純爾	Evaluation of Lattice Strain in Silicon Substrate Beneath Aluminum Conductor Film Using High-Resolution X-Ray Microbeam Diffractometry
16193	Yoshio Suzuki	49 (2010) 016601	2007B1616	BL20XU	鈴木 芳生	X-ray Holographic Microscopy by Double-Prism Interferometer
16340	Kenji Oowada	49 (2010) 020216	2008B3703 2008A3704 2007B3771 2007A3704	BL22XU BL22XU BL22XU BL22XU	大和田 謙二 大和田 謙二 下村 晋 大和田 謙二	X-ray Intensity Fluctuation Spectroscopy Using Nanofocused Hard X-rays: Its Application to Study of Relaxor Ferroelectrics
16489	Takeshi Senda	47 (2008) 6241-6246	C03B5043	BL24XU	津坂 佳幸	Crystallinity Investigation of Compositionally Graded SiGe Layers by Synchrotron X-ray Cross-Sectional Diffraction
16636	Takuya Tsuji	49 (2010) 030207	2005B3203	BL24XU	高野 秀和	Development of a Total Reflection Zone Plate for Hard X-ray Focusing

Physical Review Letters

14849	Yuichi Kasahara	103 (2009) 077004	2007B1208	BL02B2	岩佐 義宏	Enhancement of Pairing Interaction and Magnetic Fluctuations toward a Band Insulator in an Electron-Doped Li_xZrNCl Superconductor
			2008A1271	BL02B2	岩佐 義宏	
14850	Takumi Takano	100 (2008) 247005	2007B1208	BL02B2	岩佐 義宏	Interlayer-Spacing Dependence of T_c in $\text{Li}_x\text{M}_y\text{HfNCl}$ (M : Molecule) Superconductors
15899	Norihiro Muramatsu	103 (2009) 012001	2001B6001	BL33LEP	中野 貴志	Near-Threshold Photoproduction of π^0 (1520) from Protons and Deuterons
			2002A6001	BL33LEP	中野 貴志	
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
15905	Remco Zegers	91 (2003) 092001	2000B6001	BL33LEP	中野 貴志	Beam-Polarization Asymmetries for the $p(\pi^0, K^+)$ and $p(\pi^0, K^+)^0$ Reactions for $E = 1.5 - 2.4$ GeV
			2001A6001	BL33LEP	中野 貴志	
			2001B6001	BL33LEP	中野 貴志	
15909	Tsutomu Mibe	95 (2005) 182001	2001B6001	BL33LEP	中野 貴志	Near-Threshold Diffractive π^0 -Meson Photoproduction from the Proton
15919	Hideki Kohri	97 (2006) 082003	2000B6001	BL33LEP	中野 貴志	Differential Cross Section and Photon-Beam Asymmetry for the $n K^+ \pi^-$ Reaction at $E = 1.5 - 2.4$ GeV
			2001A6001	BL33LEP	中野 貴志	
			2001B6001	BL33LEP	中野 貴志	
			2002A6001	BL33LEP	中野 貴志	
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
15975	Kenneth Hicks	102 (2009) 012502	2002A6001	BL33LEP	中野 貴志	Cross Sections and Beam Asymmetry for $K^+ \pi^-$ Photoproduction from the Deuteron at $E = 1.5 - 2.4$ GeV
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
16660	Naoyuki Katayama	103 (2009) 146405	2007B3612	BL14B1	松村 大樹	Anomalous Metallic State in the Vicinity of Metal to Valence-Bond Solid Insulator Transition in LiVS_2

Acta Crystallographica Section D

研究成果番号	著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
14686	Koji Kato	64 (2008) 525-531	2006B6500	BL44XU	山下 栄樹	A Vault Ribonucleoprotein Particle Exhibiting 39-fold Dihedral Symmetry
			2006A6500	BL44XU	鈴木 守	
			2007A6500	BL44XU	山下 栄樹	
			2007B6500	BL44XU	山下 栄樹	
16237	Norio Kudo	60 (2004) 725-726	2002B0571	BL41XU	田之倉 優	Crystallization and Preliminary X-ray Analysis of HCE-1, a Hatching Enzyme of Medaka Fish, <i>Oryzias latipes</i>
			2003A0569	BL41XU	田之倉 優	
16238	Kenichi Miyazono	60 (2004) 1135-1136	2003A0565	BL40B2	田之倉 優	Cloning, Purification, Crystallization, and Preliminary Crystallographic Analysis of Acylphosphatase from <i>Pyrococcus horikoshii</i> OT3
			2003A0566	BL40B2	田之倉 優	
16239	Masayuki Kamo	60 (2004) 1299-1300	2002A0406	BL38B1	田之倉 優	Crystallization and Preliminary X-ray Crystallographic Analysis of Peptide Deformylase from <i>Thermus thermophilus</i> HB8
			2002A0695	BL41XU	田之倉 優	
			2002B0569	BL38B1	田之倉 優	
16240	Koji Nagata	60 (2004) 1445-1446	2004A0695	BL38B1	永田 宏次	Crystallization and Preliminary X-ray Analysis of Carboxypeptidase 1 from <i>Thermus thermophilus</i>
16243	Masayuki Kamo	61 (2005) 710-712	2003B0825	BL38B1	田之倉 優	Preliminary X-ray Crystallographic Analysis of Thermolysin in the Presence of 4 M NaCl

Journal of Applied Physics

16190	Nadia Zatsepin	107 (2010) 024303	2007A1740	BL13XU	Nikulin Andrei	Real-time <i>in situ</i> Nanoclustering during Initial Stages of Artificial Aging of Al-Cu Alloys
16156	Tetsuji Kume	107 (2010) 013517	2007B1633	BL10XU	久米 徹二	Pressure Induced Phase Transformation of Ba ₈ Ga ₁₆ Ge ₃₀ Clathrate Studied by X-ray Diffraction and Raman Spectroscopy
16509	Jong-Il Hwang	101 (2007) 103709	2004B0449	BL23SU	藤森 淳	Depth Profile High-Energy Spectroscopic Study of Mn-doped GaN Prepared by Thermal Diffusion
16516	Takashi Kataoka	107 (2010) 033718	2007B3825	BL23SU	藤森 淳	Electronic Structure and Magnetism of the Diluted Magnetic Semiconductor Fe-doped ZnO Nanoparticles
16664	Masafumi Kobune	101 (2007) 074110	2007B3611	BL14B1	西畑 保雄	Growth of Ferroelectric Bismuth Lanthanum Nickel Titanate Thin Films by rf Magnetron Sputtering

Proceedings of the Japan Academy Series B

16241	Kenichi Miyazono	80 (2004) 439-442	2003A0565	BL41XU	田之倉 優	Crystal Structure of Acylphosphatase from Hyperthermophilic Archaeon <i>Pyrococcus horikoshii</i> OT3
			2003A0566	BL40B2	田之倉 優	
16244	Koji Nagata	81 (2005) 220-224	2004B0876	BL41XU	田之倉 優	Crystal Structure of Monomeric Sarcosine Oxidase from <i>Bacillus</i> sp. NS-129 Reveals Multiple Conformations at the Active-Site Loop
16245	Kousuke Itou	81 (2005) 225-228	2002A0741	BL41XU	田之倉 優	Crystal Structure of Azoreductase AzoR from <i>Escherichia coli</i>
16246	Masahiko Okai	81 (2005) 229-232	2003A0565	BL41XU	田之倉 優	Crystal Structure of the Short-Chain Flavin Reductase HpaC from <i>Sulfolobus tokodaii</i> Strain 7
16248	Shintarou Maruoka	81 (2005) 459-462	2003A0565	BL41XU	田之倉 優	Crystal Structure of Glutamine Amidotransferase from <i>Pyrococcus horikoshii</i> OT3

Acta Crystallographica Section F

14956	Nozomu Okino	63 (2007) 662-664	2006B1643	BL38B1	角田 佳充	Purification, Crystallization and Preliminary Crystallographic Characterization of the 2,6-sialyltransferase from <i>Photobacterium</i> sp. JT-ISH-224
			2006B2643	BL41XU	角田 佳充	
15916	Taichi Kumanomidou	66 (2010) 95-98	2006A6832	BL44XU	水島 恒裕	Crystallization and Preliminary X-ray Characterization of the Skp1-Fbg3 Complex
16242	Kousuke Itou	61 (2005) 399-402	2002A0741	BL41XU	田之倉 優	Crystallization and Preliminary X-ray Analysis of AzoR (Azo Reductase) from <i>Escherichia coli</i>
16564	Hirofumi Komori	66 (2010) 301-303	2009A1992	BL38B1	小森 博文	Crystallization and Preliminary X-ray Studies of Ferredoxin-NADP ⁺ Oxidoreductase Encoded by <i>Bacillus subtilis</i> yumC

Earth and Planetary Science Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
14972	Yuuki Shibazaki	287 (2009) 463-470	2008A1145	BL04B1	寺崎 英紀	Hydrogen Partitioning between Iron and Ringwoodite: Implications for Water Transport into the Martian Core
14976	Tatsuya Sakamaki	287 (2009) 293-297	2008A3722 2008B3726	BL22XU BL22XU	大谷 栄治 大谷 栄治	Measurement of Hydrous Peridotite Magma Density at High Pressure using the X-ray Absorption Method
15927	Kenji Ohta	289 (2010) 497-502	2008A0099 2008B0099	BL10XU BL10XU	廣瀬 敬 廣瀬 敬	Electrical Conductivities of Pyrolitic Mantle and MORB Materials up to the Lowermost Mantle Conditions
15938	Yuki Asahara	288 (2010) 479-485	2006A0099 2006B0099 2007A0099 2007B0099 2008A0099	BL10XU BL10XU BL10XU BL10XU BL10XU	廣瀬 敬 廣瀬 敬 廣瀬 敬 廣瀬 敬 廣瀬 敬	Sound Velocity Measurement in Liquid Water up to 25 GPa and 900 K: Implications for Densities of Water at Lower Mantle Conditions

The Journal of Biological Chemistry

14953	Yasuhiro Hayashi	282 (2007) 30889-30900	2006B1643 2006B2643	BL38B1 BL41XU	角田 佳充 角田 佳充	Klotho-related Protein is a Novel Cytosolic Neutral -Glycosylceramidase
14955	Takashi Gotou	282 (2007) 27459-27467	2005A0932 2004A0194 2003B0967 2003B0946	BL38B1 BL40B2 BL41XU BL41XU	角田 佳充 角田 佳充 角田 佳充 角田 佳充	Crystal Structure of <i>Tapes japonica</i> Lysozyme with Substrate Analogue: <i>Structural Basis of the Catalytic Mechanism and Manifestation of its Chitinase Activity Accompanied by Quaternary Structural Change</i>
15991	Takashi Oda	285 (2010) 1435-1445	2006A2699	BL41XU	橋本 博	The Structure of the N-terminal Regulatory Domain of a Plant NADPH Oxidase and Its Functional Implications
16307	Yoshinori Hagiwara	285 (2010) 1000-1007	2007B1307 2008B1079	BL38B1 BL02B1	福山 恵一 福山 恵一	Structural Insights into Vinyl Reduction Regiospecificity of Phycocyanobilin:Ferredoxin Oxidoreductase (PcyA)

The Journal of Physical Chemistry C

16019	Kohsuke Mori	113 (2009) 16850-16854	2008A1457 2008A1366	BL01B1 BL01B1	森 浩亮 山下 弘巳	A pH-induced Size Controlled Deposition of Colloidal Ag Nanoparticles on Alumina Support for Catalytic Application
16026	Kohsuke Mori	112 (2008) 19449-19455	2008A1366 2008A1457	BL01B1 BL01B1	山下 弘巳 森 浩亮	Influence of Exchanged Alkali Metal Cations within Zeolite Y Cages on Spectroscopic and Photooxidation Properties of the Incorporated Tris(2,2'-bipyridine)ruthenium(II) Complexes
16141	Kazuki Oka	114 (2010) 1260-1267	2008B1111	BL37XU	泉 康雄	Synthesis and Site Structure of a Replica Platinum-Carbon Composite Formed Utilizing Ordered Mesopores of Aluminum-MCM-41 for Catalysis in Fuel Cells
16182	Kotaro Fujii	114 (2010) 580-586	2007B1836 2008A1932	BL19B2 BL19B2	寺田 勝英 寺田 勝英	Physicochemical Understanding of Polymorphism and Solid-State Dehydration/Rehydration Processes for the Pharmaceutical Material Acrinol, by Ab Initio Powder X-ray Diffraction Analysis and Other Techniques

Journal of the Physical Society of Japan

15936	Satoshi Tsutsui	79 (2010) 013706	2009A1071	BL09XU	筒井 智嗣	Observation of Softened Fe Modes in K-Doped BaFe ₂ As ₂ via ⁵⁷ Fe Nuclear Resonant Inelastic Scattering
15937	Chul-Ho Lee	79 (2010) 014714	2008B1381 2009A1146	BL35XU BL35XU	Lee Chul-Ho Lee Chul-Ho	Effect of K Doping on Phonons in Ba _{1-x} K _x Fe ₂ As ₂
16061	Kenji Oowada	79 (2010) 011012	2006B1311	BL35XU	大和田 謙二	Experiment and Theory of Pb(In _{1/2} Nb _{1/2})O ₃ : Antiferroelectric, Ferroelectric, or Relaxor State Depending on Perovskite B-Site Randomness
16710	Shuuta Tahara	79 (2010) 133-136	2006B1332	BL04B2	川北 至信	Concentration Effects of Silver Ions on Forming Cooperative Conduction Path in Superionic Melts

Macromolecules

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
15898	Katsuhiko Yamamoto	42 (2009) 9561-9567	2009A1177	BL45XU	山本 勝宏	Phase-Separated Conetwork Structure Induced by Radical Copolymerization of Poly(dimethylsiloxane)- <i>co</i> -diacrylate and <i>N,N</i> -Dimethylacrylamide
16109	Ken Terao	43 (2010) 1061-1068	2007A1034	BL40B2	寺尾 憲	Conformational, Dimensional, and Hydrodynamic Properties of Amylose Tris(<i>n</i> -butylcarbamate) in Tetrahydrofuran, Methanol, and Their Mixtures
			2007B1296	BL40B2	寺尾 憲	
16649	Kazuhiro Takizawa	43 (2010) 2115-2117	2008B1434	BL40B2	安藤 慎治	Molecular Aggregation Structures of Polyimide Films at Very High Pressure Analyzed by Synchrotron Wide-Angle X-ray Diffraction
			2009A1348	BL40B2	安藤 慎治	
16668	Takashi Konishi	43 (2010) 375-383	2008B1418	BL45XU	小西 隆士	Crystallization of Poly(butylene terephthalate) from the Glass

Physics Letters B

15908	Takatsugu Ishikawa	608 (2005) 215-222	2001B6001	BL33LEP	中野 貴志	Photo-Production from Li, C, Al and Cu Nuclei at $E = 1.5-2.4$ GeV
15925	Wen-Chen Chang	658 (2008) 209-215	2001A6001	BL33LEP	中野 貴志	Forward Coherent π -meson Photoproduction from Deuterons Near Threshold
			2001B6001	BL33LEP	中野 貴志	
			2002A6001	BL33LEP	中野 貴志	
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
15930	Mizuki Sumihama	657 (2007) 32-37	2000B6001	BL33LEP	中野 貴志	Backward-angle Photoproduction of π^0 Mesons on the Proton at $E = 1.5-2.4$ GeV
			2001A6001	BL33LEP	中野 貴志	
			2001B6001	BL33LEP	中野 貴志	
			2002A6001	BL33LEP	中野 貴志	
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
16120	Wen-Chen Chang	684 (2010) 6-10	2002A6001	BL33LEP	中野 貴志	Measurement of the Incoherent d pn Photoproduction Near Threshold
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	

Geophysical Research Letters

16442	Daisuke Hamane	37 (2010) L04302	2009A1228	BL10XU	浜根 大輔	No Reactions Observed in Xe-Fe System even at Earth Core Pressure
16463	Tomoo Katsura	36 (2009) L11307	2005B0241	BL04B1	桂 智男	<i>P-V-T</i> Relations of Wadsleyite Determined by in situ X-ray Diffraction in a Large-Volume High-Pressure Apparatus
			2006A1755	BL04B1	桂 智男	
			2006B1340	BL04B1	桂 智男	
16465	Tomoo Katsura	36 (2009) L01305	2003B0640	BL04B1	桂 智男	<i>P-V-T</i> Relations of MgSiO ₃ Perovskite Determined by in situ X-ray Diffraction Using a Large-Volume High-Pressure Apparatus
			2004A0368	BL04B1	桂 智男	
			2004B0497	BL04B1	桂 智男	
			2004B0498	BL04B1	桂 智男	
			2005A0318	BL04B1	桂 智男	
			2005B0241	BL04B1	桂 智男	
			2006A1755	BL04B1	桂 智男	
			2006B1340	BL04B1	桂 智男	

Journal of Molecular Biology

14684	Toshiki Yabe	381 (2008) 160-173	2006B6500	BL44XU	山下 栄樹	Structural Analysis of <i>Arabidopsis</i> CnfU Protein: An Iron-Sulfur Cluster Biosynthetic Scaffold in Chloroplasts
14959	Shin Kawano	357 (2006) 583-591	2005B0247	BL38B1	角田 佳充	Crystal Structure of Protein Ph1481p in Complex with Protein Ph1877p of Archaeal RNase P from <i>Pyrococcus horikoshii</i> OT3: Implication of Dimer Formation of the Holoenzyme
			2005B1782	BL41XU	角田 佳充	
			2004B0873	BL38B1	角田 佳充	
			2004B0874	BL41XU	角田 佳充	
16287	Serve Olivier	396 (2010) 361-374	2006B1143	BL40B2	加藤 晃一	Redox-Dependent Domain Rearrangement of Protein Disulfide Isomerase Coupled with Exposure of Its Substrate-Binding Hydrophobic Surface
			2005B0380	BL40B2	加藤 晃一	

The Journal of Physical Chemistry B

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
15215	Viktoria Mile	113 (2009) 10760-10769	2007B1273	BL04B2	Pusztai Laszlo	Understanding the Structure of Aqueous Cesium Chloride Solutions by Combining Diffraction Experiments, Molecular Dynamics Simulations, and Reverse Monte Carlo Modeling
15910	Kentaro Fujii	113 (2009) 16007-16015	2007A3823	BL23SU	藤井 健太郎	Nucleobase Lesions and Strand Breaks in Dry DNA
			2007B3813	BL23SU	藤井 健太郎	Thin Film Selectively Induced by Monochromatic Soft X-rays
			2008A3813	BL23SU	藤井 健太郎	
			2008B3813	BL23SU	藤井 健太郎	
16339	Pance Naumov	111 (2007) 10373-10378	2006A4503	BL15XU	Naumov Pance	Direct Observation of Aminyl Radical Intermediate during Single-Crystal to Single-Crystal Photoinduced Orton Rearrangement

Journal of Physics: Conference Series

16011	Hisataka Takenaka	186 (2009) 012074	2008A3200	BL24XU	籠島 靖	Mo/Si and MoSi ₂ /Si Nanostructures for Multilayer Laue Lens
16072	Hidekazu Takano	186 (2009) 012049	2007A3203	BL24XU	高野 秀和	Fast X-ray Micro-CT for Real-time 4D Observation
16410	Satoshi Tsutsui	200 (2010) 012213	2005A0369	BL35XU	筒井 智嗣	Rare-earth Atom Motions in RO ₄ Sb ₁₂ (R = La, Pr, Nd, Sm)
			2006A1039	BL35XU	筒井 智嗣	
			2007A1301	BL35XU	筒井 智嗣	
			2007B2077	BL35XU	筒井 智嗣	
			2008A1058	BL35XU	筒井 智嗣	

Thin Solid Films

14757	Shogo Mochizuki	508 (2006) 128-131	2004B0703	BL46XU	酒井 朗	Local Strain in SiGe/Si Heterostructures Analyzed by X-ray Microdiffraction
16103	Nataliya Tsud	518 (2010) 2206-2209	2007A4904	BL15XU	Matolin Vladimir	Photoemission Study of the Tin Doped Cerium Oxide Thin Films Prepared by RF Magnetron Sputtering
16655	Tadao Shibuya	518 (2010) 3008-3011	2007A1932	BL47XU	渋谷 忠夫	Electronic Structural Analysis of Transparent In ₂ O ₃ -ZnO Films by Hard X-ray Photoelectron Spectroscopy

Transactions of the Materials Research Society of Japan

16191	Osami Sakata	34 (2009) 601-604	2008A1602	BL13XU	坂田 修身	X-ray Optics with Small Vertical Divergence and Horizontal Focusing for an X-ray Standing-wave Measurement
			2008B1540	BL13XU	坂田 修身	
16604	Yasuhiro Yoneda	33 (2008) 15-18	2006B3613	BL14B1	米田 安宏	XAFS Study of Relaxor Pb(In _{0.5} Nb _{0.5})O ₃
16605	Yasuhiro Yoneda	34 (2009) 15-18	2008A3601	BL14B1	米田 安宏	Local Structure Analysis of Cubic Perovskite CaCu ₃ Ti ₄ O ₁₂

AIP Conference Proceedings

16160	Yasuhiro Minamikawa	1185 (2009) 199-202	2008A1729	BL01B1	南川 泰裕	Simulation of a TES Structure Using a Radiation Absorber Self-adjusting the Operation Temperature
16510	Jong-Il Hwang	893 (2007) 1225-1226	2004B0449	BL23SU	藤森 淳	Depth Profile Study Using X-ray Photoemission Spectroscopy of Mn-Doped GaN Prepared by Thermal Diffusion of Mn

Applied Physics Express

16335	Yoshimitsu Fukuyama	3 (2010) 016601	2008A1856	BL40XU	木村 滋	Simultaneous Measurements of Picosecond Lattice and Charge Dynamics in Co-Fe Cyanides
			2008B1996	BL40XU	木村 滋	
			2009A1891	BL40XU	木村 滋	
16514	Yukiaki Ishida	1 (2008) 041301	2005B3816	BL23SU	藤森 淳	X-ray Magnetic Circular Dichroism and Photoemission Study of the Diluted Ferromagnetic Semiconductor Zn _{1-x} Cr _x Te

Catalysis Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
16021	Kohsuke Mori	131 (2009) 337-343	2008A1457	BL01B1	森 浩亮	Supported Pd and PdAu Nanoparticles on Ti-MCM-41 Prepared by a Photo-assisted Deposition Method as Efficient Catalysts for Direct Synthesis of H ₂ O ₂ from H ₂ and O ₂
			2008A1366	BL01B1	山下 弘巳	
16025	Sayoko Shironita	129 (2009) 404-407	2008A1366	BL01B1	山下 弘巳	Application of Microwave-assisted Deposition for the Synthesis of Noble Metal Particles on Ti-containing Mesoporous Silica
			2008A1457	BL01B1	森 浩亮	

e-Journal of Surface Science and Nanotechnology

14425	Naoto Koizumi	7 (2009) 633-640	2008B1862	BL14B2	小泉 直人	Novel Cluster-Size Dependent Phenomenon in Fischer-Tropsch Synthesis with SiO ₂ Supported Co Cluster Catalyst
16593	Yoshiyuki Yamashita	8 (2010) 81-83	2007B4800	BL15XU	小林 啓介	Bias-voltage Application in Hard X-Ray Photoelectron Spectroscopy for Characterization of Advanced Materials
			2009A4800	BL15XU	小林 啓介	

The EMBO Journal

16450	Shuya Fukai	28 (2009) 2461-2468	2008A1970	BL41XU	深井 周也	Structural Basis for Specific Recognition of Lys 63-linked Polyubiquitin Chains by Tandem UIMs of RAP80
			2008B1497	BL41XU	深井 周也	
16452	Yusuke Sato	28 (2009) 3903-3909	2008A1970	BL41XU	深井 周也	Structural Basis for Specific Recognition of Lys 63-linked Polyubiquitin Chains by NZF Domains of TAB2 and TAB3
			2008B1497	BL41XU	深井 周也	

Environmental Science & Technology

16373	Satoshi Mitsunobu	44 (2010) 1281-1287	2007A2065	BL37XU	高橋 嘉夫	μ -XAENS Evidence for the Reduction of Sb(V) to Sb(III) in Soil from Sb Mine Tailing
			2008A1463	BL37XU	高橋 嘉夫	
			2009A1571	BL01B1	光延 聖	
			2009B1575	BL01B1	光延 聖	
16657	Takashi Fujimori	44 (2010) 1974-1979	2007A1798	BL01B1	藤森 崇	Chlorinated Aromatic Compounds in a Thermal Process Promoted by Oxychlorination of Ferric Chloride
			2007B1687	BL02B2	藤森 崇	
			2006A1093	BL02B2	高岡 昌輝	

Ferroelectrics

16601	Yasuhiro Yoneda	348 (2007) 33-37	2006A3601	BL14B1	米田 安宏	Magnetic and Ferroelectric Properties of (Bi _{1-x} La _x)FeO ₃
16602	Yasuhiro Yoneda	355 (2007) 119-124	2007A1327	BL04B2	米田 安宏	PDF Analysis of Bi _{0.9-x} La _{0.1} Tb _x FeO ₃
			2006A3601	BL14B1	米田 安宏	

Inorganic Chemistry

15965	Atsushi Nakahira	49 (2010) 47-51	2008A1176	BL01B1	中平 敦	Synthesis of Novel Structured TiO ₂ with Mesopores by Anodic Oxidation
16446	Takenori Tohyama	49 (2010) 2492-2495	2008B1222	BL27SU	水牧 仁一朗	Antiferromagnetic Interaction between A ¹ -Site Mn Spins in A-Site-Ordered Perovskite YMn ₃ Al ₄ O ₁₂

Journal of Alloys and Compounds

16074	Tatsuo Noritake	393 (2005) 264-268	2003B0195	BL02B2	砥綿 真一	Crystal Structure and Charge Density Analysis of Li ₂ NH by Synchrotron X-ray Diffraction
16157	Takanori Itoh	491 (2010) 527-535	2007B1915	BL19B2	伊藤 孝憲	Study of Charge Density and Crystal Structure of (La _{0.75} Sr _{0.25})MnO _{3.00} and (Ba _{0.5} Sr _{0.5})(Co _{0.8} Fe _{0.2})O _{2.33} - at 500-900 K by <i>in situ</i> Synchrotron X-ray Diffraction
			2007B1957	BL14B2	伊藤 孝憲	

Journal of Applied Crystallography

14815	Hiroshi Okuda	40 (2007) s138-s141	2006A1084	BL40B2	奥田 浩司	Precursory Microstructures in the Zr-Cu-Al-Ni Bulk Metallic Glasses Examined by Anomalous Small-Angle Scattering at Zr K Edge
14818	Hiroshi Okuda	41 (2008) 675-679	2007A1723	BL40B2	奥田 浩司	Anomalous Small-Angle Scattering of Nanoquasicrystalline Precipitates in Zr ₈₀ Pt ₂₀ Ribbons

The Journal of Physical Chemistry A

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
15838	Kousuke Moritani	113 (2009) 15217-15222	2007B3808	BL23SU	岡田 美智雄	Kinetics of Oxygen Adsorption and Initial Oxidation on Cu(110) by Hyperthermal Oxygen Molecular Beams
16338	Pance Naumov	111 (2007) 6449-6455	2006A4503	BL15XU	Naumov Pance	Structural Study of the Thermally Induced and Photoinduced Phase Transitions of the 1,3,5-trithia-2,4,6-triazapentalenyl (TTTA) Radical

Journal of Power Sources

16085	Daisuke Mori	189 (2009) 676-680	2006A1016	BL02B2	小林 弘典	Bulk and Surface Structure Investigation for the Positive Electrodes of Degraded Lithium-Ion Cell after Storage Test using X-ray Absorption Near-Edge Structure Measurement
			2007A2046	BL27SU	小林 弘典	
16202	Kazuyuki Sakamoto	174 (2007) 678-682	2004B0418	BL14B1	菅野 了次	Mechanistic Study on Lithium Intercalation Using a Restricted Reaction Field in $\text{LiNi}_{0.5}\text{Mn}_{0.5}\text{O}_2$

Langmuir

16020	Kohsuke Mori	25 (2009) 11180-11187	2008A1457	BL01B1	森 浩亮	New Route for the Preparation of Pd and PdAu Nanoparticles using Photo-excited Ti-containing Zeolite as an Efficient Support Material and Investigation of Their Catalytic Properties
			2008A1366	BL01B1	山下 弘巳	
16725	Masashi Nakamura	26 (2010) 4590-4593	2008A1227	BL13XU	中村 将志	Catalytically Active Structure of Bi Deposited on a Au(111) Electrode for the Hydrogen Peroxide Reduction Reaction
			2008B1395	BL13XU	中村 将志	
			2007A1044	BL13XU	中村 将志	

Nature

14682	Shoji Maeda	458 (2009) 597-602	2006B6500	BL44XU	山下 栄樹	Structure of the Connexin 26 Gap Junction Channel at 3.5 Å Resolution
			2007A6500	BL44XU	山下 栄樹	
			2008A6500	BL44XU	山下 栄樹	
16310	Naoshi Ikeda	436 (2005) 1136-1138	2003A0685	BL02B1	池田 直	Ferroelectricity from Iron Valence Ordering in the Charge-Frustrated System LuFe_2O_4
			原研	BL22XU		

Nuclear Instruments and Methods in Physics Research Section B

16083	Shino Takeda-Homma	267 (2009) 2167-2170	2007A1392	BL37XU	武田 志乃	Elemental Imaging in Kidney of Adult Rats Exposed to Uranium Acetate
			2007B1723	BL37XU	武田 志乃	
			2008A1662	BL37XU	武田 志乃	
16663	Hiroataka Ohno	266 (2008) 3013-3017	2007A3604	BL14B1	岩瀬 彰宏	Study on Effects of Swift Heavy Ion Irradiation in Cerium Dioxide Using Synchrotron Radiation X-ray Absorption Spectroscopy
			2007A3616	BL14B1	岩瀬 彰宏	
			2007B3616	BL14B1	岩瀬 彰宏	
			2008A3603	BL14B1	岩瀬 彰宏	

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

14685	Se-Young Son	105 (2008) 5739-5744	2006B6500	BL44XU	山下 栄樹	Structure of Human Monoamine Oxidase A at 2.2-Å Resolution: The Control of Opening the Entry for Substrates/Inhibitors
			2007A6500	BL44XU	山下 栄樹	
15976	Hirokazu Nishida	106 (2009) 20693-20698	2006B1068	BL38B1	西田 洋一	Structural Determinant for Switching between the Polymerase and Exonuclease Modes in the PCNA-replicative DNA Polymerase Complex
			2007A1115	BL41XU	西田 洋一	
			2007B1252	BL38B1	西田 洋一	

Radiation Physics and Chemistry

15911	Kentaro Fujii	78 (2009) 1188-1191	2008B3813	BL23SU	藤井 健太郎	Spectral Change in X-ray Absorption Near Edge Structure of DNA Thin Films Irradiated with Monochromatic Soft X-rays
16468	Akinari Yokoya	78 (2009) 1211-1215	2006B3832	BL23SU	横谷 明德	EPR Study of Radiation Damage to DNA Irradiated with Synchrotron Soft X-rays around Nitrogen and Oxygen K-edge
			2007B3811	BL23SU	横谷 明德	

Acta Crystallographica Section B

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
16075	Tatsuo Noritake	63 (2007) 726-734	2006B1039	BL02B2	水谷 宇一郎	Structure Determination of Structurally Complex Ag ₃₆ Li ₆₄ Gamma-brass

Acta Crystallographica Section E

16671	Franz Werner	66 (2010) m399-m400	2008B1782	BL02B2	長谷川 美貴	Poly[[bis(μ ₃ -tris[2-(1 <i>H</i> -tetrazol-1-yl)-ethyl]amine)copper(II)]bis(perchlorate)]
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Acta Materialia

16674	Hiroyuki Toda	58 (2010) 2014-2025	2006B1239	BL20XU	大垣 智巳	Influence of High-Temperature Solution Treatments on Mechanical Properties of an Al-Si-Cu Aluminum Alloy
			2007A1431	BL20XU	戸田 裕之	
			2008A1104	BL20XU	戸田 裕之	

Applied Clay Science

16712	Chelo Pascua	48 (2010) 55-59	2008A4800	BL15XU	小林 啓介	Synthesis of Monodisperse Zn-smectite
			2008B4800	BL15XU	小林 啓介	

Applied Surface Science

16040	Satyaban Bhunia	216 (2003) 382-387	C02B5032	BL24XU	渡辺 義夫	Real-time Measurement of Rocking Curves during MOVPE Growth of Ga _x In _{1-x} P/GaAs
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Atmospheric Environment

15988	Takahiro Ishizaka	43 (2009) 2550-2560	2007B1962	BL14B2	内山 巖雄	Reactivity between PbSO ₄ and CaCO ₃ Particles Relevant to the Modification of Mineral Particles and Chemical Forms of Pb in Particles Sampled at Two Remote Sites during an Asian Dust Event
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Biochemical and Biophysical Research Communications

14957	Hideo Fukuhara	343 (2006) 956-964	2005A0801	BL38B1	角田 佳充	A Fifth Protein Subunit Ph1496p Elevates the Optimum Temperature for the Ribonuclease P Activity from <i>Pyrococcus horikoshii</i> OT3
			2005A0802	BL41XU	角田 佳充	
			2004B0873	BL38B1	角田 佳充	
			2004B0874	BL41XU	角田 佳充	

Catalysis Survey from Asia

16027	Kohsuke Mori	37 (2008) 88-100	2007A1665	BL01B1	山下 弘巳	Applications of Single-site Photocatalysts Included within Zeolite and Mesoporous Silica to Design the Unique Surface Functional Materials
			2007B1245	BL01B1	森 浩亮	

Chemical and Pharmaceutical Bulletin

16603	Hiroshi Watanabe	58 (2010) 312-317	2009A1876	BL40B2	小幡 誉子	Novel Preparation of Intercellular Lipid Models of the Stratum Corneum Containing Stereoactive Ceramide
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Chemistry of Materials

16201	Kazuyuki Sakamoto	21 (2009) 2632-2640	2006A1663	BL14B1	菅野 了次	Surface Structure of LiNi _{0.8} Co _{0.2} O ₂ : A New Experimental Technique Using in Situ X-ray Diffraction and Two-Dimensional Epitaxial Film Electrodes
			2007A3628	BL14B1	菅野 了次	

Crystal Growth and Design

16181	Kotaro Fujii	9 (2009) 1201-1207	2007B1836	BL19B2	寺田 勝英	Vapor Induced Crystalline Transformation Investigated by <i>ab initio</i> Powder X-ray Diffraction Analysis
			2006A0224	BL19B2	寺田 勝英	

Current Opinion in Structural Biology

14574	Satoshi Murakami	18 (2008) 459-465	2006B0013	BL41XU	豊島 近	Multidrug Efflux Transporter, AcrB the Pumping Mechanism
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Environmental Monitoring and Assessment

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
15989	Susumu Tohno	120 (2006) 575-584	2003A6029	BL37XU	早川 慎二郎	Single Particle Analysis for Chemical Characterization of Atmospheric Aerosols: Application of X-ray Microprobe System and Double Thin Film Method
			2003B0559	BL37XU	東野 達	
			2003B0668	BL37XU	早川 慎二郎	

Europhysics Letters

16008	Norifumi Yamada	80 (2007) 48002	2004B0520	BL40B2	瀬戸 秀紀	Unbinding of Lipid Bilayers Induced by Osmotic Pressure in Relation to Unilamellar Vesicle Formation
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FEBS Letters

16451	Azusa Yoshikawa	583 (2009) 3317-3322	2008A1970	BL41XU	深井 周也	Crystal Structure of the NEMO Ubiquitin-Binding Domain in Complex with Lys 63-linked Di-ubiquitin
			2008B1497	BL41XU	深井 周也	

Fuel Cells

16483	Vladimir Matolin	10 (2010) 139-144	2009A4602	BL15XU	森 利之	Pt and Sn Doped Sputtered CeO ₂ Electrodes for Fuel Cell Applications
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Genes to Cells

16453	Atsushi Yamagata	15 (2010) 29-41	2009A1202	BL41XU	深井 周也	Structural Insight into the Membrane Insertion of Tail- Anchored Proteins by Get3
			2008B1497	BL41XU	深井 周也	
			2008A1971	BL41XU	深井 周也	

High Pressure Research

16702	Hiroaki Ohfuji	30 (2010) 142-150	2008B1569	BL10XU	大藤 弘明	Application of Nano-Polycrystalline Diamond to Laser- Heated Diamond Anvil Cell Experiments
			2009A1564	BL10XU	大藤 弘明	

IEEE Transactions on Applied Superconductivity

16154	Masashi Ohno	19 (2009) 473-476	2008A1729	BL01B1	南川 泰裕	Development of a New TES Structure Using a Radiation Absorber Self-Adjusting the Operating Temperature
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IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control

16600	Yasuhiro Yoneda	55 (2008) 971-974	2007A3606	BL14B1	米田 安宏	X-ray Topography of Piezoelectric La ₃ Ta _{0.5} Ga _{5.5} O ₁₄ Crystal Grown by Czochralski Method
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Industrial & Engineering Chemistry Research

16183	Hiroshi Deguchi	49 (2010) 6-13	2008B5050	BL16XU	出口 博史	Structure of Monoethanolamine and Diethanolamine Carbamates in Aqueous Solutions Determined by High-Energy X-ray Scattering
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Inorganic Chemistry Communications

14947	Sota Shibahara	10 (2007) 860-862	2005B0173	BL02B1	北川 宏	A New Hydrogen-Bonded Charge-Transfer Complex [Ni (Hpydt) ₂]TNAP: Synthesis, Structure and Electrical Conductivity
			2006A1456	BL02B1	北川 宏	
			2006B1488	BL02B1	北川 宏	

Intermetallics

14812	Hiroshi Okuda	14 (2006) 1038-1042	2004A0233	BL40B2	奥田 浩司	Nanosopic Fluctuation in Quenched Zr-Cu-Ni-Al Metallic Glasses and Their Welds Examined by ASAXS at Zr-K Edge
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International Journal of Pharmaceutics

16180	Gen Hasegawa	369 (2009) 12-18	2006B0128	BL19B2	寺田 勝英	Reevaluation of Solubility of Tolbutamide and Polymorphic Transformation from Form I to Unknown Crystal Form
			2007B1836	BL19B2	寺田 勝英	

International Journal of PIXE

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
16082	Shino	19 (2009)	2008B1783	BL37XU	武田 志乃	Rubidium Distribution in Kidney of Immature Rats
	Takeda-Homma	39-45	2007A1392	BL37XU	武田 志乃	

International Journal of Radiation Biology

16469	Akinari	84 (2008)	2007A3821	BL23SU	横谷 明德	Studies of Soft X-ray-Induced Auger Effect on the Induction of DNA Damage
	Yokoya	1069-1081	2008A3811	BL23SU	横谷 明德	

The Journal of Biochemistry

15971	Tsutomu Nakamura	147 (2010)	2008A2033	BL38B1	中村 努	Crystal Structure of Peroxiredoxin from <i>Aeropyrum pernix</i> K1 Complexed with its Substrate, Hydrogen Peroxide
		109-115	2008B1396	BL38B1	中村 努	
			2008B2144	BL38B1	中村 努	

Journal of Catalysis

14960	Yasuyuki Matsumura	268 (2009) 282-289	2008B1705	BL14B2	松村 安行	Suppression of CO By-Production in Steam Reforming of Methanol by Addition of Zinc Oxide to Silica-Supported Copper Catalyst
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Journal of Cosmetic Science

16223	Shinobu Nagase	60 (2009) 637-648	2007A1886	BL40XU	梶浦 嘉夫	Changes in Structure and Geometric Properties of Human Hair by Aging
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Journal of Crystal Growth

16045	Hitoshi Hasenaka	312 (2009) 73-78	2008B6826	BL44XU	松村 浩由	Femtosecond Laser Processing of Protein Crystals Grown in Agarose Gel
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Journal of Environmental Radioactivity

14903	Noriko Yamaguchi	86 (2006)	2004B0093	BL01B1	山口 紀子	Redox Reaction of Iodine in Paddy Soil Investigated by Field Observation and I K-Edge XANES Spectroscopy
		212-226	2003A0472	BL01B1	山口 紀子	

Journal of Geophysical Research

16392	Daniel	115 (2010)	2006B1313	BL04B1	朝原 友紀	Partitioning of Oxygen between the Earth's Mantle and Core
	Frost	B02202	2007A1698	BL04B1	朝原 友紀	

Journal of Instrumentation

16495	Marcus Kitchen	5 (2010) T02002	2007A0002	BL20B2	Lewis Rob	A New Design for High Stability Pressure-Controlled Ventilation for Small Animal Lung Imaging
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Journal of Low Temperature Physics

16153	Fumiakira Mori	151 (2008) 150-154	2007A1573	BL01B1	大野 雅史	Synchrotron Beam Test of a Position-Sensitive Small-Pixel Ir-TES Array
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Journal of Medicinal Chemistry

16395	Koushi Hidaka	52 (2009) 7604-7617	2007A1513	BL41XU	黒木 良太	Small-Sized Human Immunodeficiency Virus Type-1 Protease Inhibitors Containing Allophenylnorstatine to Explore the S ₂ ' Pocket
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Journal of Physics B: Atomic, Molecular and Optical Physics

16188	Masashi Kitajima	39 (2006)	2002A0033	BL27SU	上田 潔	A Study of Inner-Valence Auger Transitions in Ne ⁺ Induced by the Resonant Auger Decay of Photoexcited Ne 1s ⁻¹ np States
		1299-1322	2002B0558	BL27SU	北島 昌史	
			2004A0507	BL27SU	北島 昌史	

Journal of Physics: Condensed Matter

16376	Hiroshi Fukui	22 (2010) 095401	2008A1203	BL04B2	福井 宏之	Compressional Behavior of Solid NeHe ₂ up to 90 GPa
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Journal of Solid State Chemistry

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
16084	Daisuke Mori	179 (2006) 935-940	2001B0596	BL14B1	東 正樹	Single-crystal Growth of $Tl_2Ru_2O_7$ Pyrochlore using High-Pressure and Flux Method

Journal of Solid State Electrochemistry

14240	Toshihiro Kondo	13 (2009) 1141-1145	2005B0174	BL14B1	高草木 達	Partial Stripping of Ag Atoms from Silver Bilayer on a Au(111) Surface Accompanied with the Reductive Desorption of Hexanethiol SAM
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Journal of Superconductivity and Novel Magnetism

16512	Masaki Kobayashi	20 (2007) 467-471	2005B3816	BL23SU	藤森 淳	Soft X-ray Magnetic Circular Dichroism and Photoemission Studies of II-VI Diluted Ferromagnetic Semiconductor $Zn_{1-x}Cr_xTe$
			2006A3823	BL23SU	藤森 淳	

Journal of Synchrotron Radiation

16396	Yusuke Tamenori	17 (2010) 243-249	2008A2061	BL27SU	為則 雄祐	Development of a Differential Pumping System for Soft X-ray Beamlines for Windowless Experiments under Normal Atmospheric Conditions
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Journal of the American Ceramic Society

16716	Kousuke Shioi	93 (2010) 465-469	2008A4503	BL15XU	武田 隆史	Synthesis, Crystal Structure, and Photoluminescence of Sr- β -SiAlON:Eu ²⁺
			2009A4800	BL15XU	小林 啓介	

Key Engineering Materials

16599	Yasuhiro Yoneda	421-422 (2010) 30-33	2008B3609	BL14B1	米田 安宏	Growth and Characterization of Bismuth Magnesium Titanate $Bi(Mg_{1/2}Ti_{1/2})O_3$
			2008B3611	BL14B1	米田 安宏	
			2009A3608	BL14B1	米田 安宏	

Materials Research Society Symposia Proceedings

16662	Hiroataka Ohno	1043E (2008) 1043-T09-02	2007A3616	BL14B1	岩瀬 彰宏	Study on Effects of Heavy Ion Irradiation on CeO ₂ by Using Synchrotron Radiation X-Ray Absorption Spectroscopy -as a Simulation Study for Radiation Damage in High-Burnup Light Water Reactor Fuels-
			2007B3616	BL14B1	岩瀬 彰宏	
			2007A3604	BL14B1	岩瀬 彰宏	
			2008A3603	BL14B1	岩瀬 彰宏	

Molecular Microbiology

16713	Yumiko Saijo-Hamano	76 (2010) 260-268	2003B0447	BL41XU	今田 勝巳	Structure of the Cytoplasmic Domain of FlhA and Implication for Flagellar type III Protein Export
			2004B0853	BL38B1	今田 勝巳	
			2006A1726	BL38B1	今田 勝巳	

Nano Letters

16443	Robert Simpson	10 (2010) 414-419	2008B1202	BL01B1	Fons Paul	Toward the Ultimate Limit of Phase Change in $Ge_2Sb_2Te_5$
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Nature Physics

11734	Shin-ichi Fujimori	3 (2007) 618-622	2005B3821	BL23SU	藤森 伸一	Itinerant to Localized Transition of <i>f</i> Electrons in the Antiferromagnetic Superconductor UPd ₂ Al ₃
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Nature Structural and Molecular Biology

16454	Masami Yamashita	17 (2010) 180-186	2008A1971	BL41XU	深井 周也	Structural Basis for the Rho- and Phosphoinositide-Dependent Localization of the Exocyst Subunit Sec3
			2008B1497	BL41XU	深井 周也	

Nuclear Instruments and Methods in Physics Research Section A

15969	Junichiro Katsuta	603 (2009) 393-400	2007B1434	BL20B2	水野 恒史	Evaluation of Polarization Characteristics of Multilayer Mirror for Hard X-ray Observation of Astrophysical Objects
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Photochemical & Photobiological Sciences

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
16022	Kohsuke Mori	8 (2009) 652-656	2008A1366	BL01B1	山下 弘巳	New Application of Photocatalysts: Synthesis of Nano-Sized Metal and Alloy Catalysts by a Photo-assisted Deposition Method
			2008A1457	BL01B1	森 浩亮	

Physica B

16656	Takanori Itoh	405 (2010) 2091-2096	2007B1915	BL19B2	伊藤 孝憲	Study of Oxygen Ion Diffusion in $(\text{Ba}_{0.5}\text{Sr}_{0.5})(\text{Co}_{0.8}\text{Fe}_{0.2})\text{O}_{2.33}$ through <i>in-situ</i> Neutron Diffractions at 300 and 720 K
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Physica Status Solidi B

16515	Jong-Il Hwang	243 (2006) 1696-1700	2004B0449	BL23SU	藤森 淳	Photoemission and X-ray Absorption Studies of the Electronic Structure of GaN-based Diluted Magnetic Semiconductors
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Physical Chemistry Chemical Physics

16014	Kohsuke Mori	11 (2009) 8949-8954	2008A1457	BL01B1	森 浩亮	Synthesis of FePd Magnetic Nanoparticles Modified with Chiral BINAP Ligand as a Recoverable Catalyst Vehicle for the Asymmetric Coupling Reaction
			2008A1366	BL01B1	山下 弘巳	

Physical Review A

16194	Stacey Sorensen	76 (2007) 062704	2003A0162	BL27SU	Sorensen Stacey	Electronic Doppler Effect in Resonant Auger Decay of CO Molecules upon Excitation Near a Shake-up Resonance
			2003A0286	BL27SU	田中 大	
			2004A0507	BL27SU	北島 昌史	

Physical Review C

15915	Mizuki Sumihama	73 (2006) 035214	2000B6001	BL33LEP	中野 貴志	The $p K^+$ and $p K^+ 0$ Reactions at forward Angles with Photon Energies from 1.5 to 2.4 GeV
			2001A6001	BL33LEP	中野 貴志	
			2001B6001	BL33LEP	中野 貴志	
			2002A6001	BL33LEP	中野 貴志	
			2002B6001	BL33LEP	中野 貴志	
			2003A6001	BL33LEP	中野 貴志	
			2003B6001	BL33LEP	中野 貴志	

Physics of the Earth and Planetary Interiors

16464	Tomoo Katsura	174 (2009) 86-92	2005B0241	BL04B1	桂 智男	Thermal Expansion of Forsterite at High Pressures Determined by in situ X-ray Diffraction: The Adiabatic Geotherm in the Upper Mantle
			2006A1755	BL04B1	桂 智男	
			2006B1340	BL04B1	桂 智男	

Polymer

15920	Yoshinobu Nozue	51 (2010) 222-231	2005A0705	BL40XU	雨宮 慶幸	Deformation Behavior of Banded Spherulite during Drawing Investigated by Simultaneous Microbeam SAXS-WAXS and POM Measurement
			2005B0155	BL40XU	雨宮 慶幸	

Protein Science

16718	Terukazu Nogi	17 (2008) 2120-2126	2006A6819	BL44XU	高木 淳一	Novel Affinity Tag System Using Structurally Defined Antibody-Tag Interaction: Application to Single-Step Protein Purification
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Proteins: Structure, Function, and Bioinformatics

16247	Kenichi Miyazono	61 (2005) 196-205	2003A0565	BL40B2	田之倉 優	Crystal Structure and Structural Stability of Acylphosphatase from Hyperthermophilic Archaeon <i>Pyrococcus horikoshii</i> OT3
			2003A0566	BL41XU	田之倉 優	

Science

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
14683	Hideaki Tanaka	323 (2009) 384-388	2006A6500	BL44XU	鈴木 守	The Structure of Rat Liver Vault at 3.5 Angstrom Resolution
			2006B6500	BL44XU	山下 栄樹	
			2007A6500	BL44XU	山下 栄樹	
			2007B6500	BL44XU	山下 栄樹	
			2008A6500	BL44XU	山下 栄樹	

Scripta Materialia

14817	Hiroshi Okuda	58 (2008) 687-690	2007B1852	BL19B2	奥田 浩司	Assessment of Strain of Bi2223 Filaments in Bent Ag-Sheathed Superconducting Composites by Synchrotron Radiation
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Solid-State Electronics

14752	Yuji Ohara	53 (2009) 837-840	2007B1005	BL13XU	財満 鎮明	Microstructures in Directly Bonded Si Substrates
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Structure

16717	Norihiro Yasui	18 (2010) 320-331	2006A6819	BL44XU	高木 淳一	Structural Basis for Specific Recognition of Reelin by Its Receptors
			2007A6915	BL44XU	高木 淳一	

Superconductor Science and Technology

15923	Shojiro Ochiai	23 (2010) 025006	2005B0149	BL46XU	奥田 浩司	Analysis of Critical Current Distribution of Bent Bi2223 Composite Tapes by Unifying Parameter Approach and its Application to the Description of Average Critical Current-Bending Strain Relation Near the Average Irreversible Strain
			2007A1008	BL46XU	落合 庄治郎	
			2008B1002	BL46XU	落合 庄治郎	

Topics in Catalysis

16024	Kohsuke Mori	52 (2009) 586-591	2008A1366	BL01B1	山下 弘巳	Tetragonal Distortion in Thermochromic Copper(II) Diamine Complexes Induced by the Fixation on Silica Surfaces and Their Catalytic Activities
			2008A1457	BL01B1	森 浩亮	

高压力の科学と技術 (The Review of High Pressure Science and Technology)

16058	Tatsuhiko Kawamoto	14 (2004) 235-241	2002B0007	BL04B2	川本 竜彦	Supercritical Behaviors Between Magmas and Water
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溶接学会論文集 (Quarterly Journal of the Japan Welding Society)

14676	Hidenori Terasaki	27 (2009) 118s-121s	2008A1004	BL46XU	寺崎 秀紀	In-situ Observation of Solidification Behavior of 14 Cr-Ni Steel Weld
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博士論文

16341	Katsuya Inoue	東北大学 (2010)	2009A1646	BL01B1	井上 勝哉	Characterization of Structural Changes of Fe(II)-Fe(III) Compounds with Oxidation and Reduction
16632	Yasuhiro Minamikawa	東京大学 (2010)	2009B1721	BL01B1	南川 泰裕	Development of Transition Edge Sensor Microcalorimeter
			2008A1729	BL01B1	南川 泰裕	
			2007B1678	BL01B1	南川 泰裕	
			2007A1573	BL01B1	大野 雅史	
16696	Yudai Izumi	神戸大学 (2009) 1-81	2006A1474	BL25SU	中川 和道	Study for Origins of Homochirality and Life: Investigation for the Cosmic Scenario Using Vacuum Ultraviolet Light and Synchrotron Radiation
			2007B1498	BL25SU	中川 和道	
			2008A1307	BL25SU	中川 和道	
			2009A1491	BL25SU	中川 和道	
16698	Yuiko Tasaki	東京工業大学 (2010)	2008B1636	BL01B1	原田 誠	Ice Chromatography. Methodological Developments and Characterization of Water-Ice.
			2009A1490	BL01B1	原田 誠	
16703	Jian-Rong Su	京都大学 (2010)	2009B1688	BL41XU	蘇 建荣	Structural Studies of the Peroxisomal Matrix Protein Import Factor, Pex14p
			2009A1647	BL38B1	蘇 建荣	
			2008B1743	BL38B1	蘇 建荣	
16714	Hiroshi Kida	京都大学 (2010)	2009B1694	BL41XU	木田 宗志	Structural Studies of Prefoldin, a Molecular Chaperone
			2007A1829	BL41XU	木田 宗志	

課題以外の成果として登録された論文

Journal of Physics B: Atomic, Molecular and Optical Physics

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
16399	Hiroshi Iwayama	42 (2009) 134019	XFEL		Frustration of Direct Photoionization of Ar Clusters in Intense Extreme Ultraviolet Pulses from a Free Electron Laser
16400	Hironobu Fukuzawa	42 (2009) 181001	XFEL		Ion Momentum Spectroscopy of N ₂ and O ₂ Molecules Irradiated by EUV Free-Electron Laser Pulses
16406	Koji Motomura	42 (2009) 221003	XFEL		Multiple Ionization of Atomic Argon Irradiated by EUV Free-Electron Laser Pulses at 62 nm: Evidence of Sequential Electron Strip

Journal of the Physical Society of Japan

16168	Ritsuko Eguchi	79 (2010) 023704	理研	BL17SU	Resonant Photoemission Spectroscopy of Layered Triangular Lattices Ag ₂ MO ₂ (M=Ni and Mn): Evidence for M 3d States at Fermi Level
16505	Tetsuo Okane	75 (2006) 105-106	原研	BL23SU	Soft X-ray Magnetic Circular Dichroism Study of Ferromagnetic Uranium Compounds
16597	Masashi Arita	76 (2007) 074720	原研	BL23SU	X-ray Absorption and Inverse Photoemission Study of Y _{1-x} Ca _x TiO ₃

Physical Review B

16506	Jun Okamoto	76 (2007) 184441	原研	BL23SU	Soft X-ray Magnetic Circular Dichroism Study of Ca _{1-x} Sr _x RuO ₃ across the Ferromagnetic Quantum Phase Transition
16528	Kota Terai	77 (2008) 115128	原研	BL23SU	X-ray Magnetic Circular Dichroism and Photoemission Studies of Ferromagnetism in CaMn _{1-x} Ru _x O ₃ Thin Films
			原研	BL22XU	
16536	Takeshi Yanagida	79 (2009) 132405	原研	BL23SU	X-ray Absorption Magnetic Circular Dichroism of (La,Ce)MnO ₃ Thin Films

Review of Scientific Instruments

15974	Hirokatsu Yumoto	76 (2005) 063708	光学	BL29XU	Fabrication of Elliptically Figured Mirror for Focusing Hard X Rays to Size Less than 50 nm
15977	Hirokatsu Yumoto	77 (2006) 063712	光学	BL29XU	At-wavelength Figure Metrology of Hard X-ray Focusing Mirrors
16401	Xiao-Jing Liu	80 (2009) 053105	XFEL		Cold-Target Recoil-Ion Momentum Spectroscopy for Diagnostics of High Harmonics of the Extreme-Ultraviolet Free-Electron Laser Light Source at SPring-8

Japanese Journal of Applied Physics

16041	Shigeru Sugiyama	48 (2009) 105502	装置 & 技術	BL44XU	Femtosecond Laser Processing of Agarose Gel Surrounding Protein Crystals for the Development of an Automated Crystal Capturing System
16043	Tomoya Kitatani	48 (2009) 118001	装置 & 技術	BL44XU	A Manipulating Tool for Protein Microcrystals in Solution Using Adhesive Material

Nuclear Instruments and Methods in Physics Research Section A

16404	Masahiro Kato	612 (2009) 209-211	XFEL		Pulse Energy of the Extreme-Ultraviolet Free-Electron Laser at SPring-8 Determined Using a Cryogenic Radiometer
16405	Koji Motomura	606 (2009) 770-773	XFEL		Multi-coincidence Ion Detection System for EUV-FEL Fragmentation Experiments at SPring-8

Physica B

16504	Tetsuo Okane	378-380 (2006) 959-960	原研	BL23SU	Soft X-ray Absorption Magnetic Circular Dichroism Study of UFe ₂
16571	Kenya Shimada	378-380 (2006) 791-792	原研	BL23SU	High-Resolution Photoemission Study of CeRhX (X=Sn, In)

Physical Review Letters

16447	Jun Miyawaki	104 (2010) 066407	理研	BL17SU	Out-of Plane Nesting Driven Spin Spiral in Ultrathin Fe/Cu(001) Films
16631	Munetaka Taguchi	104 (2010) 106401	理研	BL17SU	Anomalous State Aandwiched between Fermi Liquid and Charge Ordered Mott-Insulating Phases of Ti ₄ O ₇
			理研	BL29XU	

Physical Review Special Topics - Accelerators and Beams

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
15878	Kazuaki Togawa	12 (2009) 080706	XFEL		Electron Bunch Compression using Dynamical Nonlinearity Correction for a Compact X-ray Free-Electron Laser
16375	Tsumoru Shintake	12 (2009) 070701	XFEL		Stable Operation of a Self-Amplified Spontaneous-Emission Free-Electron Laser in the Extremely Ultraviolet Region

Proteins: Structure, Function, and Bioinformatics

16627	Tomoyuki Tanaka	77 (2009) 741-746	理研	BL26B1	Crystal Structure of the Manganese Transport Regulatory Protein from <i>Escherichia coli</i>
16629	Kumarevel Thirumananseri	77 (2009) 747-751	理研	BL26B1	Crystal Structure of TTHA0807, a CcpA Regulator, from <i>Thermus thermophilus</i> HB8

日本物理学会誌 (Butsuri)

16106	Yoshikazu Tanaka	65 (2010) 29-34	理研	BL17SU	Circularly Polarized X-rays Probe Crystal Chirality
16211	Tsumoru Shintake	64 (2009) 160-169	XFEL		Creating New Light - X-ray Free Electron Laser

Analytical Biochemistry

16393	Fumiko Matsumoto	399 (2010) 299-301	理研	BL45XU	Reconstitution of the Muscle Thin Filament from Recombinant Troponin Components and the Native Thin Filaments
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Applied Physics Express

16044	Kana Tanabe	2 (2009) 125501	装置 & 技術	BL44XU	Promotion of Crystal Nucleation of Protein by Semi-Solid Agarose Gel
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Applied Surface Science

16538	Yoko Iwakaji	254 (2008) 6277-6280	原研	BL23SU	Characterization of Soft-X-ray Detectors Fabricated with High-Quality CVD Diamond Thin Films
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Biochemical and Biophysical Research Communications

16630	Kumarevel Thirumananseri	389 (2009) 310-314	理研	BL26B1	Crystal Structure of Hydrogenase Maturing Endopeptidase Hycl from <i>Escherichia coli</i>
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Electrochemistry Communications

15284	Toshihiro Kondo	11 (2009) 804-807	原研	BL14B1	Stability of Underpotentially Deposited Ag Layers on a Au(111) Surface Studied by Surface X-ray Scattering
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The FEBS Journal

16382	Katsuro Yaoi	276 (2009) 5094-5100	理研	BL44B2	The Crystal Structure of a Xyloglucan-Specific Endo- α -1,4-glucanase from <i>Geotrichum</i> sp. M128 Xyloglucanase Reveals a Key Amino Acid Residue for Substrate Specificity
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Ferroelectrics

16036	Kenji Yoshii	379 (2009) 183-190	原研	BL14B1	Magnetic and Dielectric Properties of $R_{0.5}Ca_{0.5}MnO_3$ (R = Eu-Lu)
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The Journal of Biological Chemistry

16697	Taisuke Wakamatsu	285 (2010) 9762-9769	理研	BL26B2	Structure of RecJ Exonuclease Defines Its Specificity for Single-Stranded DNA
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Journal of Electroanalytical Chemistry

15285	Toshihiro Kondo	532 (2002) 201-205	原研	BL14B1	In situ Structural Study on Underpotential Deposition of Ag on Au(111) Electrode using Surface X-ray Scattering Technique
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Journal of Magnetism and Magnetic Materials

16518	Kota Terai	310 (2007) 1070-1072	原研	BL22XU	Electronic Structure and Magnetism of $CaMn_{1-x}Ru_xO_3$ Thin Films
			原研	BL23SU	

Journal of Molecular Biology

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
15986	Mayuko Akahoshi	377 (2008) 246-257	理研	BL45XU	The Crystal Structure of Plant-Specific Calcium-Binding Protein AtCBL2 in Complex with the Regulatory Domain of AtCIPK14

Journal of Physics: Conference Series

16403	Hironobu Fukuzawa	194 (2009) 012052	XFEL		Momentum Spectroscopy of Fragment Ions Emitted from Xe Clusters Irradiated by EUV-FEL at SPring-8
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Journal of Solid State Chemistry

16037	Kenji Yoshii	182 (2009) 1611-1618	原研	BL14B1	Magnetic and Dielectric Properties of $\text{YbFe}_{2-x}\text{Mn}_x\text{O}_4$ ($0 \leq x \leq 1$)
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Journal of Synchrotron Radiation

16112	Daisuke Ishikawa	17 (2010) 12-24	装置 & 技術	BL35XU	Temperature Gradient Analyzers for Compact High-Resolution X-ray Spectrometers
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Langmuir

15283	Kohei Uosaki	21 (2005) 4024-4033	原研	BL14B1	In situ Dynamic Monitoring of Electrochemical Oxidative Adsorption and Reductive Desorption Processes of a Self-Assembled Monolayer of Hexanethiol on a Au(111) Surface in KOH Ethanol Solution by Scanning Tunneling Microscopy
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Nature Photonics

16212	Tsumoru Shintake	2 (2008) 555-559	XFEL		A Compact Free-Electron Laser for Generating Coherent Radiation in the Extreme Ultraviolet Region
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Nuclear Technology

15894	Yoshihiro Asano	168 (2009) 387-390	XFEL		Radiation Shielding Aspects of the SCSS Prototype XFEL Facility
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Optics Express

16407	Hitoki Yoneda	17 (2009) 23443-23448	XFEL		Ultra-Fast Switching of Light by Absorption Saturation in Vacuum Ultra-Violet Region
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Physical Review A

16402	Hironobu Fukuzawa	79 (2009) 031201	XFEL		Dead-Time-Free Ion Momentum Spectroscopy of Multiple Ionization of Xe Clusters Irradiated by euv Free-Electron Laser Pulses
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電気学会論文誌 C (IEEJ Transactions on Electronic, Information and Systems)

16715	Toru Hara	129 (2009) 213-218	XFEL		Development of Next Generation Synchrotron Light Source -from Spontaneous to Stimulated Emission-
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分光研究 (Journal of Spectroscopical Society of Japan)

16122	Alfred Baron	58 (2009) 205-214	装置 & 技術	BL35XU	Phonons in Crystals using Inelastic X-Ray Scattering
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