

最近SPring-8から発表された成果リスト

公益財団法人高輝度光科学研究センター
利用業務部

SPring-8において実施された研究課題等の成果が公表された場合はJASRIの成果登録データベースに登録していただくことになっており、その内容は以下のURL（SPring-8論文データベース検索ページ）で検索できます。

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24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（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2012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
Journal of the American Chemical Society	13	The Journal of Physical Chemistry C	5
Physical Review B	10	Physical Chemistry Chemical Physics	5
Acta Crystallographica Section F	9	Applied Physics Letters	4
Chemistry Letters	6	The Journal of Chemical Physics	4
Journal of Applied Physics	6	Journal of Physics: Conference Series	4
Macromolecules	6	Journal of the Physical Society of Japan	4
American Mineralogist	5	Physical Review A	4
Japanese Journal of Applied Physics	5		

他全129誌、計 241報

課題の成果として登録された論文

Journal of the American Chemical Society

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
14334	Hirokazu Kobayashi	130 (2008) 1828-1829	2005B0426	BL02B2	山内 美穂	On the Nature of Strong Hydrogen Atom Trapping Inside Pd Nanoparticles
14336	Hirokazu Kobayashi	130 (2008) 1818-1819	2005B0426	BL02B2	山内 美穂	Hydrogen Absorption in the Core/Shell Interface of Pd/Pt Nanoparticles
17742	Masaaki Hirayama	132 (2010) 15268-15276	2006B1623	BL14B1	菅野 了次	Dynamic Structural Changes at LiMn ₂ O ₄ /Electrolyte Interface during Lithium Battery Reaction
17861	Hirokazu Kobayashi	132 (2010) 5576-5577	2009A1048	BL02B2	山田 鉄兵	Atomic-Level Pd-Pt Alloying and Largely Enhanced Hydrogen-Storage Capacity in Bimetallic Nanoparticles Reconstructed from Core/Shell Structure by a Process of Hydrogen Absorption/Desorption
			2006A1678	BL02B2	北川 宏	
18859	Daigo Shiga	132 (2010) 18191-18198	2009A1988	BL01B1	谷田 肇	Creation of a Type 1 Blue Copper Site within a <i>de novo</i> Coiled-Coil Protein Scaffold
19225	Yohsuke Hagiwara	132 (2010) 2751-2758	2008A1381	BL41XU	瀧木 理	Editing Mechanism of Aminoacyl-tRNA Synthetases Operates by a Hybrid Ribozyme/Protein Catalyst
19961	Nicholas Cox	132 (2010) 11197-11213	2009B1474	BL41XU	緒方 英明	A Tyrosyl-Dimanganese Coupled Spin System is the Native Metalloradical Cofactor of the R2F Subunit of the Ribonucleotide Reductase of <i>Corynebacterium ammoniagenes</i>
			2009A1198	BL38B1	緒方 英明	
			2008B1590	BL41XU	緒方 英明	
20991	WengOn Yah	134 (2012) 1853-1859	2010A1454	BL02B2	高原 淳	Selective Modification of Halloysite Lumen with Octadecyl Phosphonic Acid: New Inorganic Tubular Micelle
21003	Richard Charvet	134 (2012) 2524-2527	理研	BL44B2		Segregated and Alternately Stacked Donor/Acceptor Nanodomains in Tubular Morphology Tailored with Zinc Porphyrin-C ₆₀ Amphiphilic Dyads: Clear Geometrical Effects on Photoconduction
			2008A1644	BL02B2	山本 洋平	
			2008B1777	BL02B2	山本 洋平	
21007	Hong-Tao Sun	134 (2012) 2918-2921	2010B4506	BL15XU	Sun Hong-Tao	Synchrotron X-ray, Photoluminescence, and Quantum Chemistry Studies of Bismuth-Embedded Dehydrated Zeolite Y
21106	Takuji Hatakeyama	133 (2011) 18614-18617	2010A1721	BL19B2	畠山 琢次	Synthesis of BN-fused Polycyclic Aromatics via Tandem Intramolecular Electrophilic Arene Borylation
21187	Itaru Osaka	134 (2012) 3498-3507	2011A1735	BL19B2	小金澤 智之	Synthesis, Characterization, and Transistor and Solar Cell Applications of a Naphthobisthiadiazole-Based Semiconducting Polymer
			2011B1860	BL19B2	尾坂 格	

Physical Review B

19686	Takashi Taniguchi	77 (2008) 014406	2006B1272	BL08W	谷口 貴士	Crystallographic and Magnetic Properties of Mixed-valence Oxides CaRu _{1-x} Mn _x O ₃
20845	Saeed Kamali	85 (2012) 024506	2009B1391	BL08W	Kamali Saeed	Oriental Order of Self-Assembled Magnetic Nanocrystals
20869	Masayoshi Fujihara	85 (2012) 012402	2009A1500	BL02B2	鄭 旭光	Short-Range Correlations and Persistent Spin Fluctuations in the Undistorted Kagome Lattice Ising Antiferromagnet Co ₃ Mg(OH) ₆ Cl ₂
20905	Masako Sakamaki	83 (2011) 155210	2008A1718	BL27SU	酒巻 真粧子	Observation of Disorder-Driven Carrier Localization by Auger Resonant Raman Scattering in <i>n</i> -type Doped ZnO
20908	Satoru Matsuishi	85 (2012) 014514	2011A1142	BL02B2	金 聖雄	Structural Analysis and Superconductivity of CeFeAsO _{1-x} H _x
20915	Cristopher Rumble	85 (2012) 045128	2008B1045	BL08W	Deb Aniruddha	Imaging of 3d Mn Orbitals in the Ferromagnetic State for Ca-substituted Manganite: Magnetic Compton Investigation
20969	Jin-Ming Chen	84 (2011) 125117	2010B4251	BL12XU	Chen Jin-Ming	Pressure Dependence of the Electronic Structure and Spin State in Fe _{1.01} Se Superconductors Probed by X-ray Absorption and X-ray Emission Spectroscopy
21158	W. Al-Sawai	85 (2012) 115109	2003B0762	BL08W	伊藤 真義	Bulk Fermi Surface and Momentum Density in Heavily Doped La _{2-x} Sr _x CuO ₄ Using High-Resolution Compton Scattering and Positron Annihilation Spectroscopies
			2004A0152	BL08W	伊藤 真義	
			2007B1413	BL08W	Bansil Arun	
			2008A1191	BL08W	Bansil Arun	

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
21161	Kenji Ishii	85 (2012) 104509	2006B4257	BL12XU	石井 賢司	Electronic Excitations around the Substituted Atom in $\text{La}_2\text{Cu}_{1-y}\text{Ni}_y\text{O}_4$ as Seen via Resonant Inelastic X-ray Scattering
			2007A4262	BL12XU	石井 賢司	
21216	Kuniaki Arai	85 (2012) 104418	2007A1835	BL17SU	新井 邦明	Three-Dimensional Spin Orientation in Antiferromagnetic Domain Walls of NiO Studied by X-ray Magnetic Linear Dichroism Photoemission Electron Microscopy
			2008A1723	BL17SU	新井 邦明	
			2008A1726	BL25XU	新井 邦明	
			2009A1667	BL17SU	新井 邦明	

Acta Crystallographica Section F

19233	Uaohua Jin	65 (2009) 784-787	2009A1036	BL41XU	瀧木 理	Crystallization and Preliminary X-ray Diffraction Analysis of the Truncated Cytosolic Domain of the Iron Transporter FeoB
19240	Azusa Seto	35 (2009) 21-24	2008A1384	BL41XU	瀧木 理	Crystallization and Preliminary X-ray Diffraction Analysis of GCIP/HHM Transcriptional Regulator
19254	Yoshiki Tanaka	63 (2007) 678-681	2007A1076	BL41XU	瀧木 理	Crystallization and Preliminary X-ray Diffraction Analysis of the Cytosolic Domain of the Mg^{2+} Transporter MgtE
19255	Motoyuki Hattori	63 (2007) 682-684	2007A1076	BL41XU	瀧木 理	Crystallization and Preliminary X-ray Diffraction Analysis of the Full-Length Mg^{2+} Transporter MgtE
19256	Yusuke Sato	63 (2007) 616-619	2007A1076	BL41XU	瀧木 理	Crystallization and Crystallographic Analysis of Yeast Sec2p, a Guanine Nucleotide-Exchange Factor for the Yeast Rab GTPase Sec4P
19376	Yasuhide Yanagisawa	66 (2010) 1670-1673	2010B1335	BL38B1	茶竹 俊行	Purification, Crystallization and Preliminary X-ray Diffraction Experiment of Nattokinase from <i>Bacillus subtilis natto</i>
19963	Hideaki Ogata	66 (2010) 1470-1472	2007A1668	BL41XU	緒方 英明	Purification, Crystallization and Preliminary X-ray Analysis of the Dissimilatory Sulfite Reductase from <i>Desulfovibrio vulgaris</i> Miyazaki F
			2007B1219	BL38B1	緒方 英明	
			2008A1547	BL41XU	緒方 英明	
			2008B1590	BL41XU	緒方 英明	
			2009A1198	BL38B1	緒方 英明	
20964	Zenzaburo Nakata	67 (2011) 129-132	2009B6923	BL44XU	高木 淳一	Crystallization and Preliminary Crystallographic Analysis of Human LR11 Vps10p Domain
21008	Yuka Echizen	67 (2011) 1367-1370	2010B1305	BL41XU	塚崎 智也	Crystallization and Preliminary X-ray Diffraction of the First Periplasmic Domain of SecDF, a Translocon-associated Membrane Protein, from <i>Thermus thermophilus</i>
			2010A1053	BL41XU	塚崎 智也	

Chemistry Letters

17136	Yuka Yokoyama	38 (2009) 910-911	2007B1332	BL01B1	高橋 嘉夫	A Study on the Coprecipitation of Arsenite and Arsenate into Calcite Coupled with the Determination of Oxidation States of Arsenic Both in Calcite and Water
			2008B1528	BL01B1	高橋 嘉夫	
20836	Yoshio Takahashi	40 (2011) 1187-1188	2009B1205	BL01B1	高橋 嘉夫	Diffusion Coefficients of Arsenate and Arsenite in Water at Various pH
20837	Sakiko Kikuchi	40 (2011) 680-681	2010B1741	BL37XU	光延 聖	Application of Synchrotron -XRF-XAFS to the Speciation of Fe on a Single Stalk in Bacteriogenic Iron Oxides (BIOS)
			2010B1295	BL01B1	高橋 嘉夫	
			2010A1407	BL37XU	高橋 嘉夫	
20921	Willy Shun Kai Bong	40 (2011) 1310-1312	2009B1642	BL08W	大坂 恵一	Quantitative Analysis of Trace Heavy Elements in Geological Samples utilizing Synchrotron Radiation High-Energy (116 keV) X-ray Fluorescence Analysis for Forensic Investigation
			2010A1374	BL08W	大坂 恵一	
21100	Takuji Hatakeyama	40 (2011) 1030-1032	2009B1783	BL14B2	畠山 琢次	Kumada-Tamao-Corriu Coupling of Alkyl Halides Catalyzed by an Iron-Diphosphine Complex

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
21138	Kazuki Ogata	41 (2012) 194-196	2011B1545	BL40XU	高谷 光	Synthesis and Supramolecular Association of NCN-Pincer Pd-Complex-bound Norvaline Derivatives toward Fabrication of Controlled Metal Array
			2010B1488	BL38B1	高谷 光	
			2010A1455	BL38B1	高谷 光	
			2009B1463	BL40B2	高谷 光	
			2009A1577	BL40B2	高谷 光	
			2008B1219	BL40B2	高谷 光	
			2008A1958	BL19B2	高谷 光	
2008A1833	BL19B2	高谷 光				

Journal of Applied Physics

19622	Hirofumi Hazama	110 (2011) 063710	2007A3876	BL23SU	旭 良司	Improvement of Thermoelectric Properties for Half-Heusler TiNiSn by Interstitial Ni Defects
20840	Hirokazu Takahashi	110 (2011) 123920	2007A1976	BL25SU	角田 匡清	Uncompensated Antiferromagnetic Moments in Mn-Ir/FM (FM = Ni-Co, Co-Fe, Fe-Ni) Bilayers: Compositional Dependence and Its Origin
			2008A1672	BL25SU	角田 匡清	
20936	Tsukasa Washio	110 (2011) 074511	2008A1759	BL19B2	野崎 洋	Analysis of Lattice Site Occupancy in Kesterite Structure of Cu ₂ ZnSnS ₄ Films Using Synchrotron Radiation X-ray Diffraction
20957	Babulal Ahuja	111 (2012) 033914	2010B1394	BL08W	Ahuja Babulal	Enhancement of Ferromagnetism in Ni Excess Cu _{1-x} Ni _x MnSb Half Heusler Alloys
21009	Kazumasa Kawase	111 (2012) 034101	2010A5131	BL16XU	河瀬 和雅	Densification of Chemical Vapor Deposition Silicon Dioxide Film Using Oxygen Radical Oxidation
			2010B5131	BL16XU	河瀬 和雅	
21219	Soichiro Mizusaki	111 (2012) 063915	2009A1194	BL08W	水崎 壮一郎	Spin-polarized Itinerant Electrons in Co-based Heusler Compounds Investigated by Magnetic Compton Scattering
			2010A1246	BL08W	水崎 壮一郎	
			2011B1284	BL08W	水崎 壮一郎	

Macromolecules

20862	Ken Terao	45 (2012) 392-400	2010B1126	BL40B2	寺尾 憲	Complex Formation of Collagen Model Peptides with Polyelectrolytes and Stabilization of the Triple Helical Structure
20938	Kaewkan Wasanasuk	44 (2011) 9650-9660	2010B1544	BL40XU	田代 孝二	Structural Regularization in the Crystallization Process from the Glass or Melt of Poly(L-lactic Acid) Viewed from the Temperature-Dependent and Time-Resolved Measurements of FTIR and Wide-Angle/Small-Angle X-ray Scatterings
20939	Kaewkan Wasanasuk	44 (2011) 6441-6452	2009A1478	BL40B2	田代 孝二	Crystal Structure Analysis of Poly(L-lactic Acid) α Form On the basis of the 2-Dimensional Wide-Angle Synchrotron X-ray and Neutron Diffraction Measurements
20979	Yuya Shinohara	45 (2012) 1398-1407	2009B1260	BL40XU	雨宮 慶幸	Effect of Structural Inhomogeneity on Mechanical Behavior of Injection Molded Polypropylene Investigated with Microbeam X-ray Scattering
20993	Hiroki Yamaguchi	45 (2012) 1509-1516	2010B1346	BL13XU	高原 淳	Influence of Molecular Weight Dispersity of Poly(2-(perfluorooctyl)ethyl acrylate) Brushes on Their Molecular Aggregation States and Wetting Behavior
21051	Longhai Guo	45 (2012) 313-328	2010A7202	BL03XU	佐藤 春実	Multistep Crystallization Process Involving Sequential Formations of Density Fluctuations, "Intermediate Structures", and Lamellar Crystallites: Poly(3-hydroxybutyrate) As Investigated by Time-Resolved Synchrotron SAXS and WAXD
			2011A7203	BL03XU	佐藤 春実	

American Mineralogist

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
13301	Ryosuke Sinmyo	93 (2008) 1899-1902	2006A0099	BL10XU	廣瀬 敬	Ferric Iron Content in (Mg,Fe)SiO ₃ Perovskite and Post-perovskite at Deep Lower Mantle Conditions
			2006B0099	BL10XU	廣瀬 敬	
			2007A0099	BL10XU	廣瀬 敬	
14703	Takeshi Sakai	94 (2009) 921-925	2008A1601	BL10XU	境 毅	Fe-Mg Partitioning between Perovskite and Ferropericlae in the Lower Mantle
			2007A1678	BL10XU	大谷 栄治	
			2007A2090	BL10XU	大谷 栄治	
			2006B1094	BL10XU	大谷 栄治	
			2007A1731	BL10XU	寺崎 英紀	
19631	Takeshi Sakai	96 (2011) 1490-1494	2008A1601	BL10XU	境 毅	Phase Stability and Compression Study of (Fe _{0.89} Ni _{0.11}) ₃ S up to Pressure of the Earth's Core
			2008B1625	BL10XU	境 毅	
			2009A1463	BL10XU	境 毅	
			2009B0028	BL10XU	大谷 栄治	
			2008B1582	BL10XU	大谷 栄治	
			2008A1144	BL10XU	大谷 栄治	
20288	Naoki Noguchi	97 (2012) 134-142	2008B1757	BL43IR	野口 直樹	OH Group Behavior and Pressure-induced Amorphization of Antigorite Examined under High Pressure and Temperature using Synchrotron Infrared Spectroscopy
			2008A1748	BL43IR	野口 直樹	
20865	Masanori Matsui	97 (2012) 176-183	2010A1064	BL04B1	松井 正典	Static Compression of (Mg _{0.83} Fe _{0.17})O and (Mg _{0.75} Fe _{0.25})O Ferropericlae up to 58 GPa at 300, 700, and 1100 K
			2010B1257	BL04B1	松井 正典	

Japanese Journal of Applied Physics

20916	Akihisa Takeuchi	51 (2012) 022502	2007B1586	BL20XU	竹内 晃久	Performance Test and Evaluation of Multilevel Fresnel Zone Plate with Three-Step Profile Fabricated with Electron-Beam Lithography
20928	Takayuki Kojima	51 (2012) 010204	2009A1935	BL46XU	水口 将輝	Magnetic Anisotropy and Chemical Order of Artificially Synthesized L1 ₀ -Ordered FeNi Films on Au-Cu-Ni Buffer Layers
			2010A1776	BL46XU	水口 将輝	
			2010B1942	BL46XU	水口 将輝	
			2011B1752	BL46XU	水口 将輝	
21032	Hiroo Omi	51 (2012) 02BG07	2011A3102	BL24XU	尾身 博雄	Energy Transfers between Er ³⁺ Ions Located at the Two Crystallographic Sites of Er ₂ O ₃ Grown on Si(111)
21052	Takuo Sasaki	51 (2012) 02BP01	2010A3571	BL11XU	山口 真史	Observation of In-Plane Asymmetric Strain Relaxation during Crystal Growth and Growth Interruption in InGaAs/GaAs(001)
21055	Koji Yamashita	50 (2011) 10PD02	2009B0026	BL46XU	宮崎 誠一	Study of High-k/In _{0.53} Ga _{0.47} As Interface by Hard X-ray Photoemission Spectroscopy
			2010A0026	BL46XU	宮崎 誠一	
			2010B0026	BL46XU	宮崎 誠一	

Physical Review Letters

20805	Hitoshi Yamaoka	107 (2011) 177203	2009A4255	BL12XU	Jarrige Ignace	Strong Coupling between 4f Valence Instability and 3d Ferromagnetism in Yb _x Fe ₄ Sb ₁₂ Studied by Resonant X-Ray Emission Spectroscopy
			2010A4254	BL12XU	山岡 人志	
20875	Kenji Ohta	108 (2012) 026403	2011A0087	BL10XU	廣瀬 敬	Experimental and Theoretical Evidence for Pressure-Induced Metallization in FeO with Rocksalt-Type Structure
20883	Darrah Thomas	106 (2011) 193009	2009A1069	BL27SU	Thomas Darrah	Experimental Observation of Rotational Doppler Broadening in a Molecular System
20961	Junpei Okada	108 (2012) 067402	2005B0317	BL08W	岡田 純平	Persistence of Covalent Bonding in Liquid Silicon Probed by Inelastic X-ray Scattering
			2006A1389	BL08W	岡田 純平	
			2007B1235	BL08W	岡田 純平	
21172	Motohiro Suzuki	108 (2012) 047201	2011B2098	BL39XU	鈴木 基寛	Measurement of a Pauli and Orbital Paramagnetic State in Bulk Gold Using X-Ray Magnetic Circular Dichroism Spectroscopy

The Journal of Physical Chemistry C

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
15024	Tomoaki Takasaki	112 (2008) 12540-12544	2007A1779	BL19B2	境 哲男	Enhancement Effect of LiAlH ₄ Addition on Reversible Hydrogen Storage Property for the Face-Centered Cubic Hydride Mg ₇ TiH ₁₆ Prepared by Gigapascal Hydrogen Pressure Method
			2007B1028	BL19B2	境 哲男	
21031	Shun Nishimura	7 (2012) 4511-4516	2011A1607	BL01B1	西村 俊	X-ray Absorption Near-Edge Structure and X-ray Photoelectron Spectroscopy Studies of Interfacial Charge Transfer in Gold–Silver–Gold Double-Shell Nanoparticles
21067	Akitaka Yoshigoe	116 (2012) 4039-4043	2006A3802	BL23SU	寺岡 有殿	Atomic Lineation of Products during Oxidation of Si(111)-7x7 Surface using O ₂ at 300 K
			2005B3803	BL23SU	寺岡 有殿	
21186	Clara Guglieri	116 (2012) 6608-6614	2009B0024	BL39XU	Chaboy Jesus	XMCD Proof of Ferromagnetic Behavior in ZnO Nanoparticles
			2010A0024	BL39XU	Chaboy Jesus	
			2010B0024	BL39XU	Chaboy Jesus	
			2011A0024	BL39XU	Chaboy Jesus	
			2011B0024	BL39XU	Chaboy Jesus	
21189	Eva Cespedes	115 (2011) 24092-24101	2010A1628	BL39XU	Prieto Carlos	On the Origin of the Magnetism of Mn-Zn-O Systems: Structural, Electronic, and Magnetic Study of Exotic MnO _{2-δ} /ZnO Thin Films
			2009B0024	BL39XU	Chaboy Jesus	
			2010A0024	BL39XU	Chaboy Jesus	
			2010B0024	BL39XU	Chaboy Jesus	

Journal of the Physical Society of Japan

20806	Hitoshi Yamaoka	80 (2011) 124701	2009B4251	BL12XU	山岡 人志	Pressure and Temperature Dependences of the Electronic Structure of CeIrSi ₃ Probed by Resonant X-ray Emission Spectroscopy
			2009B4266	BL12XU	山岡 人志	
20971	Fumihiko Matui	81 (2012) 013601	2009B1559	BL25SU	松井 文彦	Negative Photoelectron Diffraction Replica in Secondary Electron Angular Distribution
			2009B1528	BL25SU	大門 寛	
21002	Tatsuo Fukuda	80 (2011) SB015	2008A2050	BL35XU	内山 裕士	Phonon Spectra of PrFeAsO _{1-y} via Inelastic X-ray Scattering
			2008B1403	BL35XU	社本 真一	
			2009A1436	BL35XU	社本 真一	
			2009B1609	BL35XU	福田 竜生	
			2009B2136	BL35XU	内山 裕士	
			2010A1296	BL35XU	福田 竜生	
21040	Ryo Masuda	81 (2012) 034714	2008B3501	BL11XU	三井 隆也	Mössbauer Study of the SmFe ₂ Hydride through ¹⁴⁹ Sm and ⁵⁷ Fe
			2009A3501	BL11XU	三井 隆也	

Applied Physics Letters

19470	JinYoung Kim	97 (2010) 092902	2006A1099	BL02B2	Koo Yang-Mo	Symmetry-mode Analysis of the Ferroelectric Transition in YMnO ₃
21157	Pice Chen	100 (2012) 062906	2010B1663	BL13XU	Sichel Rebecca	Nonlinearity in the High-Electric-Field Piezoelectricity of Epitaxial BiFeO ₃ on SrTiO ₃
21212	Babulal Ahuja	100 (2012) 132410	2010B1394	BL08W	Ahuja Babulal	Evaluation of Orbital Moment in Ni-Zn Ferrites: A Magnetic Compton Scattering Study

The Journal of Chemical Physics

20854	Kenta Fujii	135 (2011) 244502	2007A1123	BL04B2	藤井 健太	Experimental Evidences for Molecular Origin of Low-Q Peak in Neutron/X-ray Scattering of 1-alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide Ionic Liquids
20974	Tatsuo Gejo	136 (2011) 054201	2005A0033	BL27SU	下條 竜夫	Angle-resolved Metastable Fragment Yields Spectra of N ₂ and CO in K-edge Excitation Energy Region
			2005A2489	BL27SU	下條 竜夫	
			2006A1146	BL27SU	下條 竜夫	

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
21065	Michio Okada	136 (2012) 094704	2011B3805	BL23SU	岡田 美智雄	The Effect of Step Geometry in Copper Oxidation by Hyperthermal O ₂ Molecular beam: Cu(511) vs Cu(410)
			2011A3805	BL23SU	岡田 美智雄	
			2010A3872	BL23SU	岡田 美智雄	
			2009B3873	BL23SU	岡田 美智雄	
			2009A3874	BL23SU	岡田 美智雄	
			2007B3808	BL23SU	岡田 美智雄	
			2006B1625	BL23SU	岡田 美智雄	
			2006A1609	BL23SU	岡田 美智雄	
			2007A3807	BL23SU	寺岡 有殿	

Journal of Physics: Conference Series

19426	Shin-ichi Kousaka	272 (2011) 012012	2007A1591	BL40B2	遊佐 真一	Preparation and Characterization of a pH-Responsive Core Cross-linked Polymer Micelle
19574	Eiji Ito	215 (2010) 012099	2008B1531	BL04B1	伊藤 英司	High Pressure Generation and Investigation of the Spin Transition of Ferroperricase (Mg _{0.83} Fe _{0.17})O
20954	Hiroki Ueno	340 (2012) 012081	2009A1411	BL08W	武田 信一	Fluctuations in Medium-Range Structure of Bi-based Metallic Liquid Alloys
			2010A1480	BL08W	武田 信一	

Journal of Synchrotron Radiation

19544	Atushi Uyama	18 (2011) 671-678	2010A1209	BL28B2	近藤 威	A Narrow Microbeam is More Effective for Tumor Growth Suppression than a Wide Microbeam: an <i>in vivo</i> Study using Implanted Human Glioma Cells
			2009B1614	BL28B2	近藤 威	
			2009A1281	BL28B2	近藤 威	
			2008B1627	BL28B2	近藤 威	
20950	Naoto Koizumi	19 (2012) 74-83	2009B1835	BL14B2	小泉 直人	Mechanism for Enhancing Dispersion of Co ₃ O ₄ Nanoparticles in Co/SiO ₂ Fischer-Tropsch Synthesis Catalyst by Adding Glycol to Impregnating Solution: a Quick-XAFS Study
21006	Kazuma Aikoh	19 (2012) 223-226	2010B1708	BL25SU	松井 利之	MFM and PEEM Observation of Micrometre-sized Magnetic Dot Arrays Fabricated by Ion-microbeam Irradiation in FeRh Thin Films

Nucleic Acids Research

19220	Megumi Kato	39 (2011) 1576-1585	2010A1087	BL41XU	瀧木 理	Crystal Structure of a Novel JmjC-domain-containing Protein, TYW5, Involved in tRNA Modification
19223	R. Lynn Sherrer	39 (2011) 1034-1041	2010B1116	BL41XU	瀧木 理	C-terminal Domain of Archaeal O-phosphoserine-tRNA Kinase Displays Large-Scale Motion to Bind the 7-bp D-stem of Archaeal tRNA ^{Sec}
19317	Tung-Ju Hsieh	38 (2010) 4173-4181	2009A4008	BL12B2	Chan Nei Li	Twisting of the DNA Binding Surface by a β -strand-bearing Proline Modulates DNA Gyrase Activity
			2008B4003	BL12B2	Chan Nei Li	
			2008A4008	BL12B2	Chan Nei Li	
			2007A4019	BL12B2	Chan Nei Li	

Physical Chemistry Chemical Physics

20945	Hiroyuki Asakura	14 (2012) 2983-2990	2011A1584	BL28B2	朝倉 博行	<i>In situ</i> Time-resolved DXAFS Study of Rh Nanoparticle Formation Mechanism in Ethylene Glycol at Elevated Temperature
			2011B1683	BL28B2	朝倉 博行	
20968	Nagatoshi Nishiwaki	14 (2012) 1424-1430	2011A4603	BL15XU	下田 正彦	Hydroxylated Surface of GaAs as a Scaffold for Heterogeneous Pd Catalyst
20972	Ana Mijovilovich	13 (2011) 5600-5604	2007B4261	BL12XU	Mijovilovich Ana	Protonation of the Oxygen Axial Ligand in Galactose Oxidase Model Compounds as Seen with High Resolution X-ray Emission Experiments and FEFF Simulations

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

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
19221	Kazuki Saito	107 (2010) 19242-19247	2010A1087	BL41XU	瀧木 理	Omnipotent Role of Archaeal Elongation Factor 1 Alpha (EF1 α) in Translational Elongation and Termination, and Quality Control of Protein Synthesis
19222	Kan Kobayashi	107 (2010) 17575-17579	2010A1087	BL41XU	瀧木 理	Structural Basis for mRNA Surveillance by Archaeal Pelota and GTP-bound EF1 α Complex
20886	Yusuke Sato	108 (2011) 20520-20525	2009A1202	BL41XU	深井 周也	Specific Recognition of Linear Ubiquitin Chains by the Npl4 Zinc Finger (NZF) Domain of the HOIL-1L Subunit of the Linear Ubiquitin Chain Assembly Complex
			2010A1815	BL41XU	深井 周也	
			2010A1904	BL41XU	深井 周也	
			2010A1939	BL41XU	深井 周也	
			2010B1977	BL32XU	深井 周也	

AIP Conference Proceedings

21168	Motohiro Suzuki	1234 (2010) 129-132	2007A1242	BL39XU	鈴木 基寛	Time-resolved Hard X-ray Magnetic Microprobe at SPring-8
			2007B1363	BL39XU	鈴木 基寛	
			2006B1540	BL39XU	鈴木 基寛	
			2005B0306	BL39XU	小野 寛太	
			2006A1656	BL39XU	小野 寛太	
21171	Motohiro Suzuki	1365 (2011) 293-296	2007B2074	BL39XU	鈴木 基寛	Hard X-ray Fourier Transform Holography Using a Reference Scatterer Fabricated by Electron-Beam-Assisted Chemical-Vapor Deposition
			2008A1403	BL39XU	鈴木 基寛	
			2008B1427	BL39XU	鈴木 基寛	
			2009A1164	BL39XU	鈴木 基寛	
			2009B1364	BL39XU	鈴木 基寛	
			2009B2133	BL39XU	鈴木 基寛	
			2010B1432	BL39XU	鈴木 基寛	
2010B2062	BL39XU	鈴木 基寛				

Angewandte Chemie International Edition

20981	Hirofumi Komori	51 (2012) 1861-1864	2010B6518	BL44XU	小森 博文	An O-Centered Structure of the Trinuclear Copper Center in the Cys500Ser/Glu506Gln Mutant of CueO and Structural Changes in Low to High X-Ray Dose Conditions
			2010A6518	BL44XU	小森 博文	
			2009B1956	BL38B1	小森 博文	
			2007B2023	BL38B1	小森 博文	
21105	Takuji Hatakeyama	50 (2011) 10973-10976	2009B1783	BL14B2	畠山 琢次	Tuning Chemoselectivity in Iron-Catalyzed Sonogashira-type Reaction Using a Bisphosphine Ligand with Peripheral Steric Bulk: Selective Alkynylation of Non-activated Alkyl Halides

Applied Catalysis A: General

20949	Naoto Koizumi	395 (2011) 138-145	2009B1835	BL14B2	小泉 直人	Effects of Glycols on Fischer-Tropsch Synthesis Activity and Coordination Structure of Co Species in Co/SiO ₂ : Mechanism for Enhanced Dispersion of Co ⁰ Nanoparticles
20999	Balkrishna B. Tope	407 (2011) 118-126	2010B1184	BL01B1	宍戸 哲也	Catalytic Mechanism of the Dehydrogenation of Ethylbenzene over Fe-Co/Mg(Al)O Derived from Hydrotalcites

Biochemical and Biophysical Research Communications

19263	Tetsuya Masuda	410 (2011) 457-460	2009A1096	BL38B1	樹田 哲哉	Crystal Structure of the Sweet-tasting Protein Thaumatin II at 1.27 Å
			2009B1379	BL26B1	樹田 哲哉	
			2010A6538	BL44XU	三上 文三	
			2010B1064	BL26B1	樹田 哲哉	
19281	Nipawan Nuemket	411 (2011) 433-439	2010B1430	BL41XU	姚 閔	Structural and Mutational Analyses of the Receptor Binding Domain of Botulinum D/C Mosaic Neurotoxin: Insight into the Ganglioside Binding Mechanism

Carbon

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
20937	Takayuki Kobayashi	50 (2012) 1163-1169	2010A7233	BL03XU	小林 貴幸	Stress-Induced Microstructural Changes and Crystallite Modulus of Carbon Fiber as Measured by X-ray Scattering
20942	Takayuki Kobayashi	49 (2011) 1646-1652	2009A1802	BL47XU	小林 貴幸	Structural Heterogeneity and Stress Distribution in Carbon Fiber Monofilament as Revealed by Synchrotron Micro-Beam X-ray Scattering and Micro-Raman Spectral Measurements

Earth and Planetary Science Letters

19570	Eiji Ito	293 (2010) 84-89	2007B1381	BL04B1	伊藤 英司	Pressure Generation and Investigation of the Post-Perovskite Transformation in MgGeO ₃ by Squeezing the Kawai-cell Equipped with Sintered Diamond Anvils
			2007A1869	BL04B1	伊藤 英司	
20976	Kiyoshi Fujino	317-318 (2012) 407-412	2007A4261	BL12XU	藤野 清志	Spin Transition of Ferric iron in Al-bearing Mg-perovskite up to 200 GPa and its Implication for the Lower Mantle
			2007B4254	BL12XU	藤野 清志	
			2008A4266	BL12XU	藤野 清志	
			2008B4263	BL12XU	藤野 清志	
			2007A1604	BL10XU	藤野 清志	
			2007B1547	BL10XU	藤野 清志	
			2008A1559	BL10XU	藤野 清志	
2008B1311	BL10XU	藤野 清志				

European Journal of Inorganic Chemistry

21153	Takahiro Sasamori	2012 (2012) 775-778	2011B1296	BL38B1	笹森 貴裕	Generation of an Organotellurium(II) Cation
			2011A1409	BL38B1	笹森 貴裕	
21209	Ana Mijovilovich	2012 (2012) 1589-1597	2007A1292	BL39XU	林 久史	K _β Detected High-Resolution XANES of Fe ^{II} and Fe ^{III} Models of the 2-His-1-Carboxylate Motif: Analysis of the Carboxylate Binding Mode

ISIJ International

21037	Hiroyuki Toda	52 (2012) 517-522	2011B1111	BL20XU	戸田 裕之	High-resolution Observation of Steel using X-ray Tomography Technique
			2011A1263	BL20XU	戸田 裕之	
21181	Yojiro Oba	52 (2012) 457-463	2009B2073	BL19B2	大場 洋次郎	Quantitative Analysis of Inclusions in Low Carbon Free Cutting Steel Using Small-angle X-ray and Neutron Scattering
			2010B1841	BL19B2	大場 洋次郎	

Journal of Geophysical Research

13300	Ryosuke Sinmyo	113 (2008) B11204	2005A5892	BL10XU	巽 好幸	Partitioning of Iron between Perovskite/Postperovskite and Ferropericlae in the Lower Mantle
			2005B7005	BL10XU	巽 好幸	
			2006A0099	BL10XU	廣瀬 敬	
			2006B0099	BL10XU	廣瀬 敬	
			2007A0099	BL10XU	廣瀬 敬	
			2008A1601	BL10XU	境 毅	
21046	Takeshi Sakai	117 (2012) B02210	2008B1582	BL10XU	大谷 栄治	Compression of Fe _{88.1} Ni _{9.1} S _{2.8} Alloy up to the Pressure of Earth's Inner Core
			2008B1625	BL10XU	境 毅	
			2009A1463	BL10XU	境 毅	
			2009A1570	BL10XU	大谷 栄治	
			2009B0028	BL10XU	大谷 栄治	

Journal of Molecular Biology

19315	Chia-Wang Chiang	364 (2006) 266-274	2005B4127	BL12B2	Chan Nei Li	Crystal Structure of Human Prostacyclin Synthase
19962	Hideaki Ogata	402 (2010) 428-444	2007A1668	BL41XU	緒方 英明	The Crystal Structure of the [NiFe] Hydrogenase from the Photosynthetic Bacterium <i>Allochroamatium vinosum</i> : Characterization of the Oxidized Enzyme (Ni-A State)
			2007B1219	BL38B1	緒方 英明	
			2008A1547	BL41XU	緒方 英明	
			2008B1590	BL41XU	緒方 英明	
			2009A1198	BL38B1	緒方 英明	
2009B1474	BL41XU	緒方 英明				

The Journal of Physical Chemistry B

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
14096	Shuichi Nagamatsu	113 (2009) 5746-5751	2006A1036	BL13XU	吉田 郵司	Multi-Layered Oriented Polyfluorene Films
21144	Xuedan Song	116 (2012) 2801-2813	2007A1248	BL04B2	梅林 泰宏	Structural Heterogeneity and Unique Distorted Hydrogen Bonding in Primary Ammonium Nitrate Ionic Liquids Studied by High-Energy X-ray Diffraction Experiments and MD Simulations
			2007B1377	BL04B2	梅林 泰宏	

Journal of Physics B: Atomic, Molecular and Optical Physics

13340	Masamitsu Hoshino	41 (2008) 085105	2004A0098	BL27SU	上田 潔	Vibrationally Resolved Partial Cross Sections and Asymmetry Parameters for Nitrogen K-shell Photoionization of the NO Molecule
20956	Kohjiro Kobayashi	45 (2012) 035102	2009A1047	BL08W	桜井 浩	Analysis of Autocorrelation Functions Calculated from Compton Profiles of a N ₂ Molecule Using the DV-X α Method

Journal of Power Sources

19559	Yuu Takanashi	196 (2011) 10679-10685	2010A1021	BL47XU	小久見 善八	Thickness Estimation of Interface Films Formed on Li _{1-x} CoO ₂ Electrodes by Hard X-ray Photoelectron Spectroscopy
			2010B1016	BL47XU	小久見 善八	
19562	Shoichi Hidai	196 (2011) 8340-8345	2009A1617	BL27SU	尾嶋 正治	Changes in Electronic States of Platinum-Cobalt Alloy Catalyst for Polymer Electrolyte Fuel Cells by Potential Cycling
			2009A1621	BL47XU	尾嶋 正治	

Materials Research Society Symposia Proceedings

20906	Yoshihisa Yamamoto	1074 (2008) 36-40	2007B3806	BL23SU	末光 眞希	Bonding Structure of Ultrathin Oxides on Si(110) Surface
			2007A3805	BL23SU	寺岡 有殿	
			2006B1629	BL23SU	末光 眞希	
			2005B0016	BL23SU	末光 眞希	
20922	Maki Suemitsu	996 (2007) 19-25	2006A1651	BL23SU	末光 眞希	XPS and STM Studies on Initial Oxidation of Si(110)-16x2
			2006B1629	BL23SU	末光 眞希	

Materials Transactions

19429	Suke Yoshi Yamamoto	49 (2008) 2354-2359	2005B0830	BL25SU	山本 祐義	Magnetic-Domain Structure Analysis of Nd-Fe-B Sintered Magnets Using XMCD-PEEM Technique
			2006A0229	BL25SU	山本 祐義	
			2006B0201	BL25SU	山本 祐義	
21035	Hiroyuki Toda	51 (2010) 2045-2048	2008A1104	BL20XU	戸田 裕之	Application of Dual-Energy K-Edge Subtraction Imaging to Assessment of Heat Treatments in Al-Cu Alloys
			2007A1431	BL20XU	戸田 裕之	
			2006B1239	BL20XU	大垣 智巳	

Physical Review A

20885	M. Ehara	83 (2011) 062506	2011A1094	BL27SU	星野 正光	Symmetry and Vibrationally Resolved Absorption Spectra Near the N K Edges of N ₂ O: Experiment and Theory
21145	Lin Fan Zhu	85 (2012) 030501	2010B4258	BL12XU	Zhu Lin Fan	Dynamic Behavior of Valence-Shell Excitations of Atomic Neon Studied by High-Resolution Inelastic X-ray Scattering

Physics of the Earth and Planetary Interiors

19526	Yoichi Nakajima	174 (2009) 202-211	2005B0754	BL04B1	高橋 栄一	"Carbon in the Core" Revisited
			2006A1761	BL04B1	高橋 栄一	
			2008A1130	BL04B1	高橋 栄一	
21010	Hidenori Terasaki	194-195 (2012) 18-24	2007A1731	BL10XU	寺崎 英紀	Stability of Fe-Ni Hydride after the Reaction between Fe-Ni Alloy and Hydrous Phase (δ -AlOOH) up to 1.2 Mbar: Possibility of H Contribution to the Core Density Deficit
			2007B1476	BL10XU	寺崎 英紀	
			2008A1145	BL04B1	寺崎 英紀	

Polymer Journal

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
21099	Hidetsugu Kanda	44 (2012) 252-256	2010A1388	BL40B2	中村 洋	Effects of Side-Chain Ends on the Stiffness and Excluded-Volume Parameters of Polymacromonomers
20847	Koji Nishida	44 (2012) 95-101	2008A1526	BL45XU	西田 幸次	<i>In situ</i> Observations of the Mesophase Formation of Isotactic Polypropylene-A Fast Time-Resolved X-ray Diffraction Study

18th Symposium on "Microjoining and Assembly Technology in Electronics"

20953	Shinichi Fujiwara	(2012) 199-204	2010B1772	BL20XU	谷江 尚史	Electromigration in Ni Plated Copper-Core Solder Ball Joints in a Combined Environment
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ACS Applied Materials & Interfaces

20859	Jun Maruyama	3 (2011) 4837-4843	2008A1891	BL14B2	丸山 純	Pore Development in Carbonized Hemoglobin by Concurrently Generated MgO Template for Activity Enhancement as Fuel Cell Cathode Catalyst
			2011A1019	BL01B1	内本 喜晴	

ACS Macro Letters

21197	Atsushi Takahara	1 (2012) 478-481	2010A1003	BL40B2	高原 淳	Changes in Network Structure of Chemical Gels Controlled by Solvent Quality through Photoinduced Radical Reshuffling Reactions of Trithiocarbonate Units
			2010B1007	BL40B2	高原 淳	

Acta Crystallographica Section C

20851	Shuji Noguchi	68 (2012) o41-o44	2011B1791	BL19B2	野口 修治	Clarithromycin Form I Determined by Synchrotron X-ray Powder Diffraction
			2011A1993	BL19B2	三浦 圭子	

Acta Crystallographica Section E

20966	Shuji Noguchi	68 (2012) o667-o668	2011B1912	BL19B2	野口 修治	Clarithromycin Monohydrate: a Synchrotron X-ray Powder Study
			2011B1791	BL19B2	野口 修治	

Acta Materialia

21034	Hiroyuki Toda	59 (2011) 4990-4998	2009A1289	BL47XU	戸田 裕之	Statistical Assessment of Fatigue Crack Initiation from Sub-Surface Hydrogen Micropores in High-Quality Die-Cast Aluminum
			2008A1142	BL47XU	戸田 裕之	

Acta Neuropathologica

21047	Johan Lindqvist	(2012) Published Online	2011A1042	BL45XU	Ochala Julien	A Myopathy-related Actin Mutation Increases Contractile Function
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Acta Physica Sinica

21097	Qiang Zhang	60 (2011) 114103	2010B1188	BL20XU	戸田 裕之	Synchrotron K-edge Subtraction Imaging and its Application to Metallic Foams
			2008A1104	BL20XU	戸田 裕之	

Advanced Materials

20911	Itaru Osaka	24 (2012) 425-430	2011A1735	BL19B2	小金澤 智之	Drastic Change of Molecular Orientation in a Thiazolothiazole Copolymer by Molecular-Weight Control and Blending with PC ₆₁ BM Leads to High Efficiencies in Solar Cells
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Analytical Biochemistry

19248	Masahide Takehara	373 (2008) 322-329	2008A1384	BL41XU	濡木 理	Use of Layer Silicate for Protein Crystallization: Effects of Micromica and Chlorite Powders in Hanging Drops
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Applied Catalysis B

21041	Motoharu Morikawa	117-118 (2012) 317-320	2011A1977	BL01B1	泉 康雄	Polymer Electrolyte Fuel Cell Supplied with Carbon Dioxide. Can be the Reductant Water Instead of Hydrogen?
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Applied Mechanics and Materials

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
21044	Hiroyuki Toda	70 (2011) 249-254	2007B1213	BL20XU	小林 正和	3D4D Strain Mapping Using in-situ X-ray Microtomography

Applied Physics Express

21030	James Harries	5 (2012) 031802	2011A3801	BL23SU	寺岡 有殿	A Chemical-State-Specific Study of the Composition of the Natural Oxide Layer of V ₂₅ Cr ₄₀ Ti ₃₅
			2010B3801	BL23SU	寺岡 有殿	
			2010A3801	BL23SU	寺岡 有殿	

Applied Surface Science

20973	Iva Matolinova	258 (2012) 2161-2164	2010A4606	BL15XU	森 利之	Synchrotron Radiation Photoelectron Spectroscopy Study of Metal-Oxide Thin Film Catalysts: Pt-CeO ₂ Coated CNTs
			2010B4608	BL15XU	森 利之	
			2011A4602	BL15XU	森 利之	

Atmospheric Chemistry and Physics

20835	Yoshio Takahashi	11 (2011) 11237-11252	2010A1452	BL01B1	高橋 嘉夫	Change of Iron Species and Iron Solubility in Asian Dust during the Long-Range Transport from Western China to Japan
			2009A1170	BL01B1	高橋 嘉夫	
			2008A1261	BL01B1	高橋 嘉夫	
			2011A1980	BL01B1	高橋 嘉夫	

Beilstein Journal of Nanotechnology

20992	Wei Ma	3 (2012) 82-100	2010A1454	BL02B2	高原 淳	Surface Functionalization of Aluminosilicate Nanotubes with Organic Molecules
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Biochemistry

19226	Takaharu Mori	49 (2010) 945-950	2009B1130	BL41XU	濡木 理	Molecular Mechanisms Underlying the Early Stage of Protein Translocation through the Sec Translocon
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Biomacromolecules

20890	Nattha Jiravanichanun	13 (2012) 276-281	2010A1454	BL02B2	高原 淳	Preparation and Characterization of Imogolite/DNA Hybrid Hydrogels
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Bioscience, Biotechnology, and Biochemistry

21036	Dohyun Im	76 (2012) 423-428	2011A1908	BL26B1	伏信 進矢	Crystal Structures of Glycoside Hydrolase Family 51 α -L-arabinofuranosidase from <i>Thermotoga maritima</i>
			2011A1891	BL38B1	伏信 進矢	

Catalysis Today

20931	Takashi Kamegawa	181 (2012) 14-19	2010B1530	BL01B1	松岡 雅也	Characterization of Phenylene-bridged Hybrid Mesoporous Materials Incorporating Arenetricarbonyl Complexes (-C ₆ H ₄ Me(CO) ₃ -; Me = Cr, Mo) and Their Catalytic Activities
			2007A1669	BL01B1	松岡 雅也	

Cell

20997	Tatsuya Nishino	148 (2012) 487-501	2010B1059	BL38B1	西野 達哉	CENP-T-W-S-X Forms a Unique Centromeric Chromatin Structure with a Histone-like Fold
			2010B1060	BL38B1	西野 達哉	
			2011A1211	BL38B1	西野 達哉	
			2011A1213	BL38B1	西野 達哉	
			2011B1146	BL38B1	西野 達哉	
			2011A6633	BL44XU	西野 達哉	

Chemistry and Physics of Lipids

20946	Hiromitsu Nakazawa	165 (2012) 238-243	2007B1072	BL40B2	八田 一郎	A Possible Regulation Mechanism of Water Content in Human Stratum Corneum via Intercellular Lipid Matrix
			2008A1458	BL40B2	八田 一郎	
			2009A1163	BL40B2	中沢 寛光	
			2009A1779	BL19B2	八田 一郎	

Chemosphere

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
19722	Masaki Takaoka	80 (2010) 144-149	2003B0215	BL01B1	高岡 昌輝	Formation of Chlorinated Aromatics in Model Fly Ashes Using Various Copper Compounds
			2004A0040	BL01B1	高岡 昌輝	

Diamond and Related Materials

21098	Tomoaki Doi	25 (2012) 5-7	2009B1539	BL25SU	村岡 祐治	Effectiveness of a Hot-Filament Chemical Vapor Deposition Method for Preparation of a Boron-Doped Superconducting Diamond Film with Higher Superconducting Transition Temperature
			2011A1477	BL25SU	村岡 祐治	

e-Journal of Surface Science and Nanotechnology

20959	Kouichi Hayashi	9 (2011) 363-370	2001A0069	BL39XU	林 好一	Recent Advances in X-Ray Fluorescence Holography
			2003A0406	BL39XU	松原 英一郎	
			2003B0480	BL37XU	松原 英一郎	

ECS Transactions

21056	Hiroshi Nohira	41 (2011) 137-146	2009A1754	BL47XU	野平 博司	XPS Study on Chemical Bonding States of high- κ /high- μ Gate Stacks for Advanced CMOS
			2009B0026	BL46XU	宮崎 誠一	
			2010A0026	BL46XU	宮崎 誠一	
			2010B0026	BL46XU	宮崎 誠一	

FEBS Letters

19235	Yohsuke Hagiwara	583 (2009) 1901-1908	2008A1381	BL41XU	濡木 理	Identification of the Nucleophilic Factors and the Productive Complex for the Editing Reaction by Leucyl-tRNA Synthetase
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Heterocycles

21155	Takahiro Sasamori	82 (2011) 1103-1112	2010B1488	BL38B1	高谷 光	Unexpected Formation of Dihydrobenzosilole Derivative via the Intramolecular Cyclization in the Reaction of Overcrowded Dichloromethylsilane with Aryllithium
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High Pressure Research

13634	Takehiro Kunimoto	28 (2008) 237-244	2007A1756	BL04B1	入船 徹男	Pressure Generation in a 6-8-2 Type Multi-Anvil System: A Performance Test for Third-Stage Anvils with Various Diamonds
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High Temperature Materials and Processes

18502	Shigeo Sato	29 (2010) 405-419	2009A1110	BL01B1	佐藤 成男	Characterization of Aging Properties and Precipitation of Copper Base Alloys
			2004B0090	BL15XU	鈴木 茂	

IEEE Journal of Photovoltaics

21053	Takuo Sasaki	2 (2012) 35-40	2010B3573	BL11XU	山口 真史	Real-Time Structural Analysis of Compositionally Graded InGaAs/GaAs(0 0 1) Layers
			2011A3573	BL11XU	山口 真史	

Inorganic Chemistry

20811	Kengo Oka	48 (2009) 2285-2288	2007B1674	BL02B2	岡 研吾	Pressure-Induced Transformation of 6H Hexagonal to 3C Perovskite Structure in PbMnO ₃
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Institute of Physics Conference Series

21093	Christopher Gourlay	27 (2012) 012086	2008B1560	BL20XU	安田 秀幸	Synchrotron Radiography of Direct-Shear in Semi-Solid Alloys
			2008B0014	BL20B2	安田 秀幸	
			2008A1428	BL20B2	Gourlay Christopher	

International Perspectives on Global Environmental Change

21208	Nagayoshi Katsuta	(2012) 137-148	2006B1091	BL37XU	勝田 長貴	Continental Erosion/Weathering Changes in Central Asia Recorded in the Holocene Sediment from Lake Hovsgol, Northwest Mongolia, by Synchrotron μ -XRF Mapping Analyses
			2007A1563	BL37XU	勝田 長貴	

Israel Journal of Chemistry

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
20843	Tsutomu Ishimasa	51 (2011) 1216-1225	2010A1094	BL02B2	石政 勉	Dodecagonal Quasicrystals Still in Progress

Journal of Alloys and Compounds

21108	Hiroshi Nozaki	524 (2012) 22-25	2008A1759	BL19B2	野崎 洋	Crystal Structure Determination of Solar Cell Materials: Cu ₂ ZnSnS ₄ Thin Films Using X-ray Anomalous Dispersion
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The Journal of Biochemistry

20877	Hitoshi Iino	150 (2011) 295-302	2006B1388	BL41XU	清水 伸隆	Crystal Structure of the Tandem-Type Universal Stress Protein TTHA0350 from <i>Thermus thermophilus</i> HB8
			理研	BL26B2		

The Journal of Biological Chemistry

19316	Yi-Ching Li	283 (2008) 2917-2926	2006B4134	BL12B2	Chan Nei Li	Structures of Prostacyclin Synthase and Its Complexes with Substrate Analog and Inhibitor Reveal a Ligand-specific Heme Conformation Change
			2006A4133	BL12B2	Chan Nei Li	
			2006A4128	BL12B2	Chan Nei Li	

Journal of Catalysis

20935	Yuusuke Yoshida	287 (2012) 190-202	2011A1978	BL01B1	泉 康雄	Preferential Oxidation of Carbon Monoxide in Hydrogen Using Zinc Oxide Photocatalysts Promoted and Tuned by Adsorbed Copper Ions
			2011A1977	BL01B1	泉 康雄	

Journal of Electron Spectroscopy and Related Phenomena

20857	Edwin Kukk	183 (2011) 53-58	2009A1069	BL27SU	上田 潔	Recoil Effects in Molecular Photoemission
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Journal of Materials Chemistry

19507	Takashi Kamegawa	21 (2011) 12228-12231	2007A1669	BL01B1	松岡 雅也	Preparation of Inorganic–Organic Hybrid Mesoporous Material Incorporating Organoruthenium Complexes (–[C ₆ H ₄ RuCp]PF ₆ –) and its Application as a Heterogeneous Catalyst
			2010B1530	BL01B1	松岡 雅也	

Journal of Molecular Liquids

20975	Ildikó Harsányi	165 (2012) 94-100	2011A1113	BL04B2	Pusztai Laszlo	Neutron and X-ray Diffraction Measurements on Highly Concentrated Aqueous LiCl Solutions
			2010B1085	BL04B2	Pothoczki Szilvia	

The Journal of Organic Chemistry

21107	Takuji Hatakeyama	77 (2012) 1168-1173	2010B1405	BL38B1	畠山 琢次	Stereospecific Cross-Coupling between Alkenylboronates and Alkyl Halides Catalyzed by Iron-Bisphosphine Complexes
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Journal of the European Ceramic Society

21193	Hiroyuki Kameda	32 (2012) 1667-1680	2007B1501	BL01B1	金田 敏彦	Crystallization of Lead Zirconate Titanate without Passing through Pyrochlore by New Solution Process
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Langmuir

21013	Yutaka Sumino	28 (2012) 3378-3384	2009A1504	BL40XU	北畑 裕之	Formation of a Multiscale Aggregate Structure through Spontaneous Blebbing of an Interface
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Materials Science and Engineering

20891	Hideyuki Yasuda	27 (2012) 012084	2010B1478	BL28B2	安田 秀幸	<i>In-situ</i> Observation of Peritectic Solidification in Sn-Cd and Fe-C Alloys
			2010A1352	BL28B2	安田 秀幸	
			2009B0014	BL20B2	安田 秀幸	
			2009B1532	BL20XU	安田 秀幸	
			2009A0014	BL20B2	安田 秀幸	

Materials Science Forum

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
21048	Akitoshi Mizuno	706-709 (2012) 1702-1706	2009A1254	BL04B2	水野 章敏	Time-resolved X-ray Diffraction Study on Solidification of Fe-B and Fe-C Eutectic Alloys
			2010B1054	BL04B2	水野 章敏	

Metabolism

20995	Takeshi Matsumoto	61 (2012) 407-414	2007A1246	BL20B2	松本 健志	Effects of Vitamin K on the Morphometric and Material Properties of Bone in the Tibiae of Growing Rats
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Metallurgical and Materials Transactions A

15145	Mitsuharu Yonemura	39 (2008) 113-118	2006A1017	BL46XU	米村 光治	<i>In-situ</i> Observation of Growth Behavior of Niobium Carbide during Dual Phase Rapid Solidification of SUS347H
			2004B0363	BL46XU	米村 光治	

Microporous and Mesoporous Materials

19690	Ryotaro Matsuda	129 (2010) 296-303	2007A1423	BL02B2	松田 亮太郎	Incommensurate Guest Adsorption in Bellows-Shaped One-Dimensional Channels of Porous Coordination Polymers
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Monthly Notices of the Royal Astronomical Society

20914	Raffaella Demichelis	420 (2012) 147-154	2007B1618	BL43IR	周藤 浩士	The Infrared Spectrum of Ortho-enstatite from Reflectance Experiments and First-principle Simulations
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Nature

20962	Terukazu Nogi	467 (2010) 1123-1127	2009A1012	BL41XU	山本 雅貴	Structural Basis for Semaphorin Signalling through the Plexin Receptor
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Nature Nanotechnology

20800	Horacio Cabral	6 (2011) 815-823	2008B1965	BL37XU	Cabral Horacio	Accumulation of Sub-100nm Polymeric Micelles in Poorly Permeable Tumours Depends on Size
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Nature Structural and Molecular Biology

21049	Hiroshi Nishimasu	18 (2011) 205-212	2010A1010	BL41XU	山本 雅貴	Crystal Structure of Autotaxin and Insight into GPCR Activation by Lipid Mediators
			2010B1013	BL41XU	山本 雅貴	
			2010A1087	BL41XU	瀧木 理	
			2010B1117	BL41XU	瀧木 理	
			2010A1053	BL41XU	塚崎 智也	
			2010B1305	BL41XU	塚崎 智也	
			2010B1543	BL41XU	西増 弘志	
			2010A1056	BL41XU	石谷 隆一郎	
			2010B1102	BL41XU	石谷 隆一郎	

Open Journal of Radiology

20841	Toshihiro Sera	1 (2011) 28-37	2010B1313	BL20B2	横田 秀夫	Synchrotron Refraction Enhanced Tomography of an Intact Common Marmoset (<i>Callithrix jacchus</i>)
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Organometallics

21104	Tomohiro Agou	31 (2012) 1150-1154	2011A1409	BL38B1	笹森 貴裕	Synthesis of an Arylbromosilylene-Platinum Complex by Using a 1,2-Dibromodisilene As a Silylene Source
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Physical Review E

21054	Ayano Chiba	85 (2012) 021807	2010A1382	BL10XU	千葉 文野	Pressure-induced Structural Change of Intermediate-range Order in Poly(4-methyl-1-pentene) Melt
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Physics and Chemistry of Minerals

14210	Haruka Ozawa	36 (2009) 355-363	2007A0099	BL10XU	廣瀬 敬	Experimental Study of Reaction between Perovskite and Molten Iron to 146 GPa and Implications for Chemically Distinct Buoyant Layer at the Top of the Core
			2007B0099	BL10XU	廣瀬 敬	

Physics in Medicine and Biology

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
15372	Jeffrey Crosbie	53 (2008) 6861-6877	2008A1173	BL28B2	Crosbie Jeffrey	A Method of Dosimetry for Synchrotron Microbeam Radiation Therapy using Radiochromic Films of Different Sensitivity

PLoS One

20965	Hiroki Tanaka	6 (2011) e19411	2007B1901	BL41XU	禾 晃和	Structural Basis for Variant-Specific Neuroligin-Binding by α -Neurexin
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Polymer

21025	Masatoshi Tosaka	53 (2012) 864-872	2010B1215	BL40XU	登阪 雅聡	Detection of Fast and Slow Crystallization Processes in Instantaneously-strained Samples of <i>cis</i> -1,4-polyisoprene
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Polyimides and Other High-Temperature Polymers: Synthesis, Characterization and Applications

20846	Masahito Tagawa	5 (2009) 249-259	2006A1598	BL23SU	田川 雅人	Fluorination of PMDA-ODA Polyimide Using Hyperthermal Atomic Fluorine Beams
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Polymer Chemistry

20867	Shota Arakawa	3 (2012) 472-478	2007A1034	BL40B2	寺尾 憲	Conformational Change of an Amylose Derivative in Chiral Solvents: Amylose Tris(<i>n</i> -butylcarbamate) in Ethyl Lactates
			2007B1296	BL40B2	寺尾 憲	
			2008A1313	BL40B2	寺尾 憲	

Procedia Engineering

21043	Hiroyuki Toda	10 (2011) 2598-2603	2007B1080	BL20XU	戸田 裕之	Localized Deformation during Fracture of High-Strength Aluminum Alloy
			2007B1616	BL20XU	鈴木 芳生	

Progress in Nuclear Science and Technology

20848	Nobuteru Nariyama	2 (2011) 312-317	2008A1206	BL28B2	成山 展照	Micro-Scale Dose Distribution of Microplanar X Rays from Synchrotron Radiation: Measurement and Monte Carlo Calculation
			2008B1083	BL28B2	成山 展照	
			2009A1158	BL28B2	成山 展照	

Proteins: Structure, Function, and Bioinformatics

19314	Li-Ying Lin	65 (2006) 783-786	C05A1015	BL12B2	Chan Nei Li	Crystal Structure of the Conserved Hypothetical Cytosolic Protein Xcc0516 from <i>Xanthomonas campestris</i> Reveals a Novel Quaternary Structure Assembled by Five Four-Helix Bundles
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Reviews in Mineralogy & Geochemistry

19804	Eiji Ohtani	62 (2006) 397-419	2005B0382	BL04B1	大谷 栄治	The Effect of Water on Mantle Phase Transitions
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Review of Scientific Instruments

20903	Nobuteru Nariyama	83 (2012) 016104	2007A1143	BL40XU	成山 展照	Note: Voltage and Intensity Dependence of the Saturation Curves of Free-Air Ionization Chambers Irradiated with Chopped Synchrotron Radiation Beams
			2010A1076	BL09XU	成山 展照	
			2010B1139	BL09XU	成山 展照	

Science

19318	Chyuan- Chuan Wu	333 (2011) 459-462	2010A4009	BL12B2	Chan Nei Li	Structural Basis of Type II Topoisomerase Inhibition by the Anticancer Drug Etoposide
			2009B4001	BL12B2	Chan Nei Li	
			2009A4008	BL12B2	Chan Nei Li	
			2008B4003	BL12B2	Chan Nei Li	
			2008A4008	BL12B2	Chan Nei Li	
			2007A4019	BL12B2	Chan Nei Li	

Soft Matter

21058	Yuya Shinohara	8 (2012) 3457-3462	2007A1797	BL40XU	篠原 佑也	Observation of Microscopic Dynamics of Carbon Black in Rubber during the Vulcanization Process
			2007B1060	BL40XU	篠原 佑也	
			2007A1475	BL45XU	雨宮 慶幸	
			2007B1153	BL45XU	雨宮 慶幸	

Solid State Communications

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
20876	Takanori Itoh	152 (2012) 278-283	2007B1957	BL14B2	伊藤 孝憲	Oxygen Partial Pressure Dependence of <i>in situ</i> X-ray Absorption Spectroscopy at the Co and Fe K Edges for $(La_{0.6}Sr_{0.4})(Co_{0.2}Fe_{0.8})O_{3-\delta}$
			2008A1780	BL14B2	伊藤 孝憲	
			2008B1896	BL14B2	伊藤 孝憲	

Studies in Surface Science and Catalysis

21038	Toru Wakihara	170 (2007) 506-511	2006A1353	BL04B2	大久保 達也	Role of Heteroatoms in Precursor Formation of Zeolites
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Surface and Interface Analysis

13722	Fumihiko Maeda	40 (2008) 1747-1750	2005B0641	BL27SU	前田 文彦	Oxide-mediated Formation of α -FeSi ₂ on Si(001) Studied by X-ray Adsorption Near Edge Structure Analysis using SPELEEM
			2004B0452	BL27SU	前田 文彦	

Tetrahedron Letters

20920	Ryo Shoumura	53 (2012) 783-785	2006B4605	BL15XU	小林 啓介	Chiral Phenylazomethine Cage
			2007A4700	BL15XU	樋口 昌芳	
			2007B4500	BL15XU	樋口 昌芳	

Thermochimica Acta

21205	Mitsuhiro Hirai	532 (2012) 15-21	2008A1035	BL40B2	平井 光博	Thermal Unfolding and Refolding of Protein under Osmotic Pressure Clarified by Wide-Angle X-ray Scattering
			2011A1923	BL40B2	平井 光博	

Transactions of the Materials Research Society of Japan

20454	Kazuya Furusawa	36 (2011) 387-391	2010A1395	BL40B2	古澤 和也	Wide Angle X-ray Diffraction and Small Angle X-ray Scattering Studies on the Effect of Demineralization on Hierarchical Structure of Bone
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Zeitschrift fur Kristallographie

19798	Kazuki Komatsu	222 (2007) 13-22	2006A1538	BL10XU	大谷 栄治	Crystal Structures of High-Pressure Phases in the Alumina-Water System: II. Powder X-ray Diffraction Study of a New Dense Aluminum Deuterioxide, δ -Al(OD) ₃
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応用物理 (Journal of Applied Physics, Japan)

14408	Makoto Yao	78 (2009) 549-553	2006B1302	BL37XU	八尾 誠	Charge Separation Dynamics in Nano-Structured Matters — Contactless Measurements of Atomic-Scale Conductance —
			2007A1483	BL37XU	八尾 誠	
			2008A1436	BL37XU	八尾 誠	
			2006A1424	BL37XU	八尾 誠	

軽金属 (Journal of Japan Institute of Light Metals)

21029	Hideyuki Oogo	60 (2010) 409-410	2009A1315	BL20XU	戸田 裕之	Growth Behavior of Hydrogen Micro Pores during Ductile Fracture of a 5154 Aluminum Alloy
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材料 (Journal of the Society of Materials Science, Japan)

14891	Yoshiaki Akiniwa	57 (2008) 660-666	2007A1236	BL02B1	秋庭 義明	Prediction of Residual Stress Distribution in Severe Surface Deformed Steel by Constant Penetration Depth Method
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電気学会論文誌D (IEEJ Transactions on Industry and Applications)

21028	Mitsuru Nakazawa	131 (2011) 548-556	2007B1213	BL20XU	小林 正和	High-Precision Analysis of Internal Deformation/Fracture Characteristics of a Material by Using Submicron 3D Images
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分析化学 (Bunseki Kagaku)

17060	Fumiyuki Takasaki	59 (2010) 447-454	2007B1843	BL14B2	高崎 史進	Structure of Zirconium(IV) in Aqueous Zirconium Chloride Solutions as Studied by Zr-K Edge Extended X-ray Absorption Fine Structure Analysis
			2008B2117	BL14B2	高崎 史進	

博士論文 (京都大学)

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
21214	Hiroki Miura	(2012)	2011A1598	BL01B1	三浦 大樹	Ceria-supported Ruthenium Catalysts Directed toward Organic Reactions

博士論文 (東京大学)

21176	Yoshiyuki Matsuura	(1999)	1999A0219	BL41XU	若林 健之	X-ray Crystallography of Mutant Actions which Affect Calcium Regulation of Muscle Contraction
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博士論文 (東京工業大学)

20484	Yoshinori Tange	(2006)	2003B0411	BL04B1	高橋 栄一	The System MgO-FeO-SiO ₂ up to 50 GPa and 2000°C: An Application of Newly Developed Techniques Using Sintered Diamond Anvils in Kawai-Type High-Pressure Apparatus
			2004B0437	BL04B1	高橋 栄一	
			2005A2437	BL04B1	高橋 栄一	

博士論文 (東京農工大学)

19982	Taro Kanzaki	(2009)	2008B1977	BL40B2	岡 俊彦	Mechanisms in ATP-dependent Conformational Change of Group II Chaperonins
			2009A1874	BL40B2	岡 俊彦	
			2009B1921	BL40B2	岡 俊彦	
21000	Tetsuya Abe	(2011)	2008A1866	BL40B2	岡 俊彦	Conformational Change and Functional Mechanism of the Small Heat Shock Protein
			2008B1977	BL40B2	岡 俊彦	
			2009B1921	BL40B2	岡 俊彦	
			2009A1874	BL40B2	岡 俊彦	
			2010A1212	BL45XU	岡 俊彦	

博士論文 (東北大学)

21059	Keisuke Nishida	(2012)	2010B1681	BL04B1	西田 圭佑	Density and Sound Velocity Measurements of Liquid Fe-S at High Pressure: Implications for the Earth's and the Lunar Cores
			2011A1594	BL04B1	西田 圭佑	
21195	Masahiro Yoshida	(2012)	2005B3502	BL11XU	石井 賢司	Charge Dynamics and High-pressure Electronic Structure of Two-leg Ladder Cuprate Studied by Resonant Inelastic X-ray Scattering
			2006B3502	BL11XU	石井 賢司	
			2007A3502	BL11XU	石井 賢司	
			2007B3502	BL11XU	石井 賢司	
			2008A3502	BL11XU	石井 賢司	
			2008B3502	BL11XU	石井 賢司	
			2009A3502	BL11XU	石井 賢司	
			2009B3502	BL11XU	石井 賢司	
			2010A3502	BL11XU	石井 賢司	
			2010B3502	BL11XU	石井 賢司	
			2011A3502	BL11XU	石井 賢司	
2006A4261	BL12XU	Chang Shih Lin				

課題以外の成果として登録された論文

Physical Chemistry Chemical 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
21162	Yuka Horikawa	12 (2010) 9165-9168	理研	BL17SU	Pronounced Polarization Anisotropy in Resonant X-ray Emission from Acetic Acid Molecules in Solution
21166	Hidemi Arai	14 (2012) 1576-1580	理研	BL17SU	Hydrogen Bonding of Water in 3-methylpyridine Studied by O 1s X-ray Emission and Absorption Spectroscopy

Physical Review A

20870	E. V. Grysova	84 (2011) 063405	XFEL		Double Resonant Three-Photon Double Ionization of Ar Atoms Induced by EUV Free Electron Laser
21092	Victor Kimberg	85 (2012) 032503	理研	BL17SU	Rydberg-valence Mixing and Interchannel Coupling in Resonant Oxygen 1s Inelastic X-ray Scattering of O ₂

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
20913	Kenichi Yanagida	15 (2012) 012801	加速器		Design Study of Beam Position Monitors for Measuring Second-Order Moments of Charged Particle Beams
20955	Hideki Aoyagi	15 (2012) 022801	挿入光源		Pulse-Mode Measurement of Electron Beam Halo Using Diamond-Based Detector

AIP Conference Proceedings

20490	Shiro	1234 (2010)	加速器	BL38B2	Overview of the SPring-8 Diagnostics Beamlines
	Takano	399-402	加速器	BL05SS	

Applied Physics Letters

21001	Yen-Yi Chu	99 (2011) 262101	装置技術	BL12XU	Distribution of Electronic Reconstruction at the n-type LaAlO ₃ /SrTiO ₃ Interface Revealed by Hard X-ray Photoemission Spectroscopy
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Chemical Physics Letters

21164	Yuka Horikawa	522 (2012) 33-37	理研	BL17SU	Spectral Fingerprint in X-ray Absorption for Hydrogen-bonded Dimer Formation of Acetic Acids in Solution
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Crystal Growth & Design

21005	Tine Straasø	11 (2011) 3342-3350	理研	BL44B2	The Role of the Four Stereoisomers of the Heme Fe-O Cyclic Dimer in the Crystalline Phase Behavior of Synthetic Hemozoin: Relevance to Native Hemozoin Crystallization
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Inorganic Chemistry

21004	Helle Svendsen	50 (2011) 10974-10984	理研	BL44B2	Analysis of the Photomagnetic Properties of Cyano-Bridged Heterobimetallic Complexes by X-ray Diffraction
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The Journal of Chemical Physics

21170	Takashi Tokushima	136 (2012) 044517	理研	BL17SU	Polarization Dependent Resonant X-ray Emission Spectroscopy of D ₂ O and H ₂ O Water: Assignment of the Local Molecular Orbital Symmetry
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Journal of Physics: Condensed Matter

21011	Andrew Princep	24 (2012) 075602	理研	BL17SU	High-order Ho Multipoles in HoB ₂ C ₂ Observed with Soft Resonant X-ray Diffraction
			理研	BL19LXU	

Journal of Physics: Conference Series

20262	Mikihito Takenaka	272 (2011) 012006	理研	BL45XU	Ultra Small Angle X-ray Scattering Studies on Density Heterogeneity of Linear Low Density Polyethylene
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Journal of the American Chemical Society

16090	Takatoshi Arakawa	131 (2009) 14838-14843	理研	BL45XU	Structural Basis for Catalytic Activation of Thiocyanate Hydrolase Involving Metal-Ligated Cysteine Modification
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Nature

20998	Hideaki Kato	482 (2012) 369-374	理研	BL32XU	Crystal Structure of the Channelrhodopsin Light-Gated Cation Channel
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Optics Express

20882	Robert Moshhammer	19 (2011) 21698-21706	XFEL		Second-order Autocorrelation of XUV FEL Pulses via Time Resolved Two-photon Single Ionization of He
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Polymer Journal

20941	Hiroyasu Masunaga	43 (2011) 471-477	一般	BL03XU	Multipurpose Soft-material SAXS/WAXS/GISAXS Beamline at SPring-8
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Proteins: Structure, Function, and Bioinformatics

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
15314	Eriko Nango	70 (2008) 517-527	理研	BL26B1	Structure of 2-deoxy- <i>scyllo</i> -inosose Synthase, a Key Enzyme in the Biosynthesis of 2-deoxystreptamine-containing Aminoglycoside Antibiotics, in Complex with a Mechanism-Based Inhibitor and NAD ⁺

Review of Scientific Instruments

21165	Takashi Tokushima	82 (2011) 073108	理研	BL17SU	Triple-path Collector Optics for Grazing Incident X-ray Emission Spectrometer
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Surface and Interface Analysis

15332	Satoshi Matsuyama	40 (2008) 1042-1045	理研	BL29XU	Trace Element Mapping using a High-Resolution Scanning X-ray Fluorescence Microscope Equipped with a Kirkpatrick-Baez Mirror System
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真空 (Journal of the Vacuum Society of Japan)

21151	Hiromitsu Tomizawa	55 (2012) 22-30	加速器		Advanced Laser Technologies for High-brightness Photocathode Electron Gun
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