

最近SPring-8から発表された成果リスト

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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7月～9月にその別刷もしくはコピー等を受理したもの（登録時期は問いません）を以下に紹介します。論文の情報（主著者、巻、発行年、ページ、タイトル）に加え、データベースの登録番号（研究成果番号）を掲載していますので、詳細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7月～10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
The Journal of Biological Chemistry	10	Journal of Solid State Chemistry	3
Physical Review B	7	Journal of the American Chemical Society	3
American Mineralogist	5	Journal of the Physical Society of Japan	3
Applied Physics Letters	5	Macromolecules	3
Chemical Communications	5	Polymer	3
Journal of the Electrochemical Society	4	Proceedings of the National Academy of Science of the United States of America	3
AIP Conference Proceedings	3	Review of Scientific Instruments	3
Chemistry - A European Journal	3	The Journal of Physical Chemistry C	3
ECS Transactions	3		
Journal of Physics: Conference Series	3		

他全85誌、計 153報

課題の成果として登録された論文
The Journal of Biological 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
15357	Feng Wang	284 (2009) 34376-34381	2008B0019	BL41XU	Yan Nieng	Crystal Structure of the MecA Degradation Tag
16374	Taro Masuda	285 (2010) 4049-4059	2009A1249	BL38B1	増田 太郎	Crystal Structure of Plant Ferritin Reveals a Novel Metal Binding Site That Functions as a Transit Site for Metal Transfer in Ferritin
			2008B6828	BL44XU	三上 文三	
21938	Akira Nakamura	287 (2012) 20784-20796	2008A1511	BL41XU	三木 邦夫	Dynamic, Ligand-dependent Conformational Change Triggers Reaction of Ribose-1,5-bisphosphate Isomerase from <i>Thermococcus kodakarensis</i> KOD1
			2008A1973	BL41XU	三木 邦夫	
			2008A2001	BL41XU	三木 邦夫	
			2008A2048	BL41XU	山本 雅貴	
			2009A1012	BL41XU	山本 雅貴	
21960	Noriko Kondo-Okamoto	287 (2012) 10631-10638	2007B1605	BL41XU	野田 展生	Autophagy-related Protein 32 Acts as Autophagic Degron and Directly Initiates Mitophagy
			2008A2021	BL41XU	稲垣 冬彦	
21978	Wen-Yih Jeng	286 (2011) 45030-45040	2011B6600	BL44XU	Hsiao Chwan Deng	Crystal Structures of the Laminarinase Catalytic Domain from <i>Thermotoga maritima</i> MSB8 in Complex with Inhibitors <i>ESSENTIAL RESIDUES FOR β-1,3- and β-1,4-GLUCAN SELECTION</i>
21979	Chia-I Liu	287 (2012) 18750-18757	2011B6600	BL44XU	Hsiao Chwan Deng	Binding Modes of Zaragozic Acid A to Human Squalene Synthase and Staphylococcal Dehydrosqualene Synthase
21983	Jason L. J. Lin	287 (2012) 7110-7120	2011B6600	BL44XU	Hsiao Chwan Deng	Structural Insights into Apoptotic DNA Degradation by CED-3 Protease Suppressor-6 (CPS-6) from <i>Caenorhabditis elegans</i>
22039	Hirofumi Komori	287 (2012) 29175-29183	2011B1071	BL38B1	小森 博文	Structural Study Reveals That Ser-354 Determines Substrate Specificity on Human Histidine Decarboxylase
			2010A6518	BL44XU	小森 博文	
22084	Atsushi Inanobe	286 (2011) 41801-41811	2009A6500	BL44XU	山下 栄樹	Interactions of Cations with the Cytoplasmic Pores of Inward Rectifier K ⁺ Channels in the Closed State
			2009B6500	BL44XU	山下 栄樹	
			2010A6500	BL44XU	山下 栄樹	
			2010B6500	BL44XU	山下 栄樹	
22096	Hiroataka Narita	286 (2011) 12659-12669	2010A6500	BL44XU	山下 栄樹	Crystal Structure of the cis-Dimer of Nectin-1: <i>Implications for the Architecture of Cell-Cell Junctions</i>

Physical Review B

21913	Yuki Utsumi	84 (2011) 115143	2009A4800	BL15XU	小林 啓介	Conduction-band Electronic States of YbInCu ₄ Studied by Photoemission and Soft X-ray Absorption Spectroscopies
			2009B4803	BL15XU	佐藤 仁	
			2006B3820	BL23SU	佐藤 仁	
			2007A3838	BL23SU	木村 昭夫	
21942	Yasuhiro Matsuda	86 (2012) 041109(R)	2010B3711	BL22XU	稲見 俊哉	Suppression of <i>f</i> -electron Itinerancy in CeRu ₂ Si ₂ by a Strong Magnetic Field
			2011A3711	BL22XU	稲見 俊哉	
21954	Yuichi Akahama	86 (2012) 024109	2011A1153	BL10XU	赤浜 裕一	Identification of Superlattice Structure <i>c16</i> in P-VI Phase of Phosphorus at 340 GPa and Room Temperature via X-ray Diffraction
			2011B1104	BL10XU	赤浜 裕一	
21965	Siham Ouardi	86 (2012) 045116	2010A4903	BL15XU	Fecher Gerhard	Electronic Structure and Optical, Mechanical, and Transport Properties of the Pure, Electron-doped, and Hole-doped Heusler Compound CoTiSb
21995	Tetsu Watanuki	84 (2011) 054207	2008B3701	BL22XU	川名 大地	Pressure-Induced Formation of Intermediate-Valence Quasicrystalline System in a Cd-Mg-Yb Alloy
			2009A3701	BL22XU	綿貫 徹	
			2009B3702	BL22XU	川名 大地	
22164	Yoichi Tanabe	86 (2012) 094510	2010B1435	BL02B2	谷垣 勝己	Suppression of Backward Scattering of Dirac Fermions in Iron Pnictides Ba(Fe _{1-x} Ru _x As) ₂
			2012A1627	BL02B2	谷垣 勝己	
22169	Naoki Ishimatsu	86 (2012) 104430	2008B1284	BL39XU	石松 直樹	Hydrogen-induced Modification of the Electronic Structure and Magnetic States in Fe, Co, and Ni Monohydrides
			2009B1011	BL39XU	町田 晃彦	
			2010A1005	BL39XU	町田 晃彦	
			2010B1520	BL04B2	石松 直樹	

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
19525	Yoichi Nakajima	96 (2011) 1158-1165	2008A1130	BL04B1	高橋 栄一	Thermoelastic Property and High-Pressure Stability of Fe ₇ C ₃ : Implication for Iron-Carbide in the Earth's Core
			2007A0099	BL10XU	廣瀬 敬	
21850	Youichi Shirako	97 (2012) 159-163	2010A1669	BL02B2	森 大輔	Crystal Structure of CaRhO ₃ Polymorph: High-Pressure Intermediate Phase between Perovskite and Post-Perovskite
22012	Yu Nishihara	97 (2012) 1417-1420	2007B1312	BL04B1	高橋 栄一	Isothermal Compression of Face-centered Cubic Iron
			2007B1246	BL04B1	西原 遊	
22020	Daisuke Hamane	97 (2012) 568-572	2010B1526	BL10XU	八木 健彦	High-pressure and High-temperature Phase Transitions in FeTiO ₃ and a New Dense FeTi ₃ O ₇ Structure
22180	Masanori Matsui	97 (2012) 1670-1675	2008B2210	BL04B1	肥後 祐司	Simultaneous Sound Velocity and Density
			2009A1951	BL04B1	肥後 祐司	Measurements of NaCl at High Temperatures and
			2009B2125	BL04B1	肥後 祐司	Pressures: Application as a Primary Pressure Standard

Applied Physics Letters

21864	Takahiro Nagata	99 (2011) 223517	2009A4600	BL15XU	南風盛 将光	Bias Application Hard X-ray Photoelectron Spectroscopy Study of Forming Process of Cu/HfO ₂ /Pt Resistive Random Access Memory Structure
			2010B4600	BL15XU	長田 貴弘	
21966	Chandra Shekhar	100 (2012) 252109	2011B1566	BL47XU	Fecher Gerhard	Electronic Structure and Linear Magnetoresistance of the Gapless Topological Insulator PtLuSb
21967	Andriy Gloskovskii	100 (2012) 092108	2008A0017	BL47XU	Fecher Gerhard	Hard X-ray Photoelectron Spectroscopy of Chalcopyrite Solar Cell Components
21970	Hirokazu Fukidome	101 (2012) 041605	2009B1735	BL17SU	吹留 博一	Precise Control of Epitaxy of Graphene by Microfabricating SiC Substrate
			2010A1674	BL17SU	吹留 博一	
			2010B1712	BL17SU	吹留 博一	
22029	Ryosuke Yamamoto	101 (2012) 053122	2010B1739	BL13XU	若林 裕助	External Electric Field Dependence of the Structure of the Electric Double Layer at an Ionic Liquid/Au Interface
			2011A1625	BL13XU	若林 裕助	
			2011B1726	BL13XU	若林 裕助	

Chemical Communications

21857	Katsuhiro Isozaki	48 (2012) 3936-3938	2007A1003	BL40B2	高谷 光	Metal Array Fabrication through Self-Assembly of Pt-Complex-Bound Amino Acids
			2007A1078	BL40B2	高谷 光	
			2007B1613	BL40B2	高谷 光	
			2008A1034	BL40B2	高谷 光	
			2008A1833	BL19B2	高谷 光	
			2009B1463	BL40B2	高谷 光	
			2010B1744	BL40B2	磯崎 勝弘	
22044	Hiromitsu Maeda	47 (2011) 7620-7622	2010A1504	BL40B2	前田 大光	Solvent-Dependent Supramolecular Assemblies of π -conjugated Anion-Responsive Acyclic Oligopyrroles
			2010B1557	BL40B2	前田 大光	
22046	Hiromitsu Maeda	47 (2011) 8241-8243	2010A1504	BL40B2	前田 大光	Self-sorting Self-complementary Assemblies of π -conjugated Acyclic Anion Receptors
22047	Hiromitsu Maeda	47 (2011) 9342-9344	2009B1593	BL40B2	前田 大光	Anion-Responsive Covalently Linked and Metal-Bridged Oligomers
22049	Yuuya Bandou	48 (2012) 2301-2303	2010A1504	BL40B2	前田 大光	Charge-Based and Charge-Free Molecular Assemblies Comprising π -Extended Derivatives of Anion-Responsive Acyclic Oligopyrroles
			2010A1621	BL40B2	羽毛田 洋平	
			2011A1294	BL40B2	前田 大光	
			2011B1535	BL40B2	前田 大光	

Journal of the Electrochemical Society

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
15628	Masanori Morishita	155 (2008) A936-A944	2007B1031	BL19B2	境 哲男	Structural Analysis by Synchrotron XRD and XAFS for Manganese-Substituted α - and β -Type Nickel Hydroxide Electrode
			2007A1961	BL01B1	尾崎 哲也	
18143	Hiroshi Yamada	155 (2008) F139-F144	2004A0382	BL02B2	徐 超男	Determination of Eu Sites in Highly Europium-Doped Strontium Aluminate Phosphor Using Synchrotron X-ray Powder Diffraction Analysis
19516	Naoaki Yabuuchi	158 (2011) A192-A200	2009A1074	BL02B2	Shao-Horn Yang	The Influence of Heat-Treatment Temperature on the Cation Distribution of $\text{LiNi}_{0.5}\text{Mn}_{0.5}\text{O}_2$ and Its Rate Capability in Lithium Rechargeable Batteries
22076	Kentaro Nakahara	159 (2012) A1398-A1404	2011A3346	BL08B2	戸田 昭夫	Drastically Improved Performances of Graphite/ $\text{Li}_{1.26}\text{Mn}_{0.52}\text{Fe}_{0.22}\text{O}_2$ Cell with Stepwise Pre-Cycling Treatment that Causes Peroxide Forming
			2011B3346	BL08B2	戸田 昭夫	

AIP Conference Proceedings

20844	Yasuko Terada	1365 (2011) 172-175	2009B1224	BL37XU	宇留賀 朋哉	High-Resolution X-ray Microprobe Using a Spatial Filter and Its Application to Micro-XAFS Measurements
20994	Wan Nordiana Rahman	1266 (2010) 107-110	2008A1863	BL28B2	Geso Moshi	Dosimetry and Its Enhancement Using Gold Nanoparticles in Synchrotron Based Microbeam and Stereotactic Radiosurgery
			2008B1679	BL28B2	Geso Moshi	
22069	Masato Hoshino	1466 (2012) 255-260	2010A1450	BL20B2	星野 真人	Optimization of X-ray Phase Contrast Imaging System toward High-Sensitivity Measurements of Biological Organs
			2010B1293	BL20B2	星野 真人	
			2011B1414	BL20B2	星野 真人	

Chemistry - A European Journal

22041	Takashi Hashimoto	16 (2010) 11653-11661	2009B1593	BL40B2	前田 大光	Formation of Metal-Assisted Stable Double Helices in Dimers of Cyclic Bistetrapyrroles that Exhibit Spring-like Motion
			2010B1557	BL40B2	前田 大光	
22048	Bin Dong	18 (2012) 3460-3463	2011A1294	BL40B2	前田 大光	Charge-Based Assemblies Comprising Planar Receptor-Anion Complexes with Bulky Alkylammonium Cations
			2011B1535	BL40B2	前田 大光	
22050	Yohei Haketa	18 (2012) 7016-7020	2010B1557	BL40B2	前田 大光	Ion Materials Comprising Planar Charged Species
			2010B1692	BL40B2	羽毛田 洋平	
			2011A1294	BL40B2	前田 大光	

ECS Transactions

14532	Kohki Nagata	19 (2009) 45-51	2008B1917	BL46XU	小椋 厚志	Improvement of CVD SiO_2 by Post Deposition Microwave Plasma Treatment
			2008B2073	BL46XU	小椋 厚志	
18148	Kohei Ebihara	33 (2010) 887-892	2008B1839	BL13XU	酒井 朗	X-Ray Microdiffraction Study on Crystallinity of Micron-Sized Ge Films Selectively Grown on Si(001) Substrates
			2009A1524	BL13XU	酒井 朗	
21805	Yoshiyuki Yamashita	41 (2011) 331-336	2011A4604	BL15XU	山下 良之	Direct Observation of Electronic States in Gate Stack Structures: XPS under Device Operation
			2010A4800	BL15XU	小林 啓介	

The Journal of Physical Chemistry C

21808	Su Jae Kim	116 (2012) 12196-12202	2009B1367	BL02B2	Kim Su Jae	Ferromagnetism in ZnCoO due to Hydrogen-Mediated Co-H-Co Complex: How to Avoid the Formation of Metal Cluster?
			2009B0084	BL02B2	久保田 佳基	
21811	Tomoyuki Kitano	116 (2012) 11615-11625	2009A1606	BL01B1	宍戸 哲也	Brønsted Acid Property of Alumina-Supported Niobium Oxide Calcined at High Temperatures: Characterization by Acid-Catalyzed Reactions and Spectroscopic Methods
			2009B1398	BL01B1	宍戸 哲也	
			2010B1184	BL01B1	宍戸 哲也	
22025	Siyu Yao	116 (2012) 15079-15086	2011A1584	BL28B2	朝倉 博行	Insights into the Formation Mechanism of Rhodium Nanocubes
			2011B1683	BL28B2	朝倉 博行	

Journal of Physics: Conference Series

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
21800	Yohei Onodera	340 (2012) 012058	2009A1644	BL04B2	小野寺 陽平	Reverse Monte Carlo Modeling of $\text{Li}_2\text{S-P}_2\text{S}_5$ Superionic Conductors
22060	Naoki Ishimatsu	377 (2012) 012041	2008B1284	BL39XU	石松 直樹	Magnetic States in Fe, Co, Ni Hydrides under High Pressure Probed by X-ray Magnetic Circular Dichroism
			2009B1011	BL39XU	町田 晃彦	
			2010A1005	BL39XU	町田 晃彦	
			2010B1520	BL04B2	石松 直樹	
22061	Ken Matsumoto	377 (2012) 012039	2009A1302	BL39XU	圓山 裕	Magnetic EXAFS Study of Fe-Ni Invar Alloy under High Pressure using Nano-Polycrystalline Diamond Anvils
			2009B1495	BL39XU	圓山 裕	

Journal of Solid State Chemistry

21849	Takanori Itoh	192 (2012) 38-46	2007B1957	BL14B2	伊藤 孝憲	Using <i>in situ</i> X-ray Absorption Spectroscopy to Study the Local Structure and Oxygen Ion Conduction Mechanism in $(\text{La}_{0.6}\text{Sr}_{0.4})(\text{Co}_{0.2}\text{Fe}_{0.8})\text{O}_{3-\delta}$
			2008A1780	BL14B2	伊藤 孝憲	
			2008B1896	BL14B2	伊藤 孝憲	
			2011B1765	BL19B2	伊藤 孝憲	
21851	Yuichi Shirako	191 (2012) 167-174	2010A1669	BL02B2	森 大輔	High-pressure Stability Relations, Crystal Structures, and Physical Properties of Perovskite and Post-Perovskite of NaNiF_3
22051	Takashi Takeda	194 (2012) 71-75	2008A1926	BL14B2	武田 隆史	Manganese Valence and Coordination Structure in Mn, Mg-codoped γ -AION Green Phosphor
			2008A4503	BL15XU	武田 隆史	

Journal of the American Chemical Society

21624	Kazuya Otsubo	134 (2012) 9605-9608	2010B1535	BL13XU	大坪 主弥	Step-by-Step Fabrication of a Highly Oriented Crystalline Three-Dimensional Pillared-Layer-Type Metal-Organic Framework Thin Film Confirmed by Synchrotron X-ray Diffraction
			2011A1463	BL13XU	大坪 主弥	
			2011B1013	BL13XU	北川 宏	
21969	Wataru Setaka	134 (2012) 12458-12461	2010A1771	BL19B2	瀬高 渉	A Molecular Balloon: Expansion of a Molecular Gyrotop Cage Due to Rotation of the Phenylene Rotor
			2009B1035	BL38B1	瀬高 渉	
22043	Hiromitsu Maeda	133 (2011) 8896-8899	2009B1593	BL40B2	前田 大光	Anion Modules: Building Blocks of Supramolecular Assemblies by Combination with π -Conjugated Anion Receptors
			2010A1504	BL40B2	前田 大光	
			2010B1557	BL40B2	前田 大光	

Journal of the Physical Society of Japan

21801	Yohei Onodera	81 (2012) 044802	2009A1644	BL04B2	小野寺 陽平	Structural Evidence for High Ionic Conductivity of $\text{Li}_7\text{P}_3\text{S}_{11}$ Metastable Crystal
21994	Tetsu Watanuki	80 (2011) SA087	2009A3701	BL22XU	綿貫 徹	Intermediate-Valence Quasicrystals in Yb-based Alloys under Pressure
			2009B3702	BL22XU	川名 大地	
22129	Tetsuya Nakamura	81 (2012) 103705	2010B1421	BL25SU	中村 哲也	Soft-X-ray Magnetic Circular Dichroism under Pulsed High Magnetic Fields at Eu $M_{4,5}$ Edges of Mixed Valence Compound $\text{EuNi}_2(\text{Si}_{0.18}\text{Ge}_{0.82})_2$
			2011A1262	BL25SU	中村 哲也	
			2011B1428	BL25SU	中村 哲也	
			2011B2099	BL25SU	中村 哲也	

Macromolecules

22028	Rintaro Takahashi	45 (2012) 6111-6119	2011A1049	BL40B2	寺尾 憲	Self-Association of a Thermosensitive Poly(2-oxazoline) Block Copolymer in Aqueous Solution
22112	Harumi Sato	45 (2012) 2783-2795	2010B7253	BL03XU	佐藤 春実	Simultaneous Synchrotron SAXS/WAXD Study of Composition Fluctuations, Cold-Crystallization, and Melting in Biodegradable Polymer Blends of Cellulose Acetate Butyrate and Poly(3-hydroxybutyrate)
			2011A7203	BL03XU	佐藤 春実	
22156	Mitsunori Asada	45 (2012) 7098-7106	2011B7256	BL03XU	浅田 光則	Heterogeneous Lamellar Structure Near the Polymer/Substrate Interface

Polymer

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
21963	Takaaki	53 (2012)	2008A1313	BL40B2	寺尾 憲	Rigid Helical Conformation of Curdlan
	Otaai	3946-3950	2009A1049	BL40B2	寺尾 憲	Tris(phenylcarbamate) in Solution
22139	Yunfeng Zhao	53 (2012) 4855-4860	2010A1402	BL43IR	松葉 豪	Shear-Induced Conformational Fluctuations of Polystyrene Probed by 2D Infrared Microscopy
			2009B1105	BL43IR	松葉 豪	
			2011A1595	BL43IR	趙 雲峰	
22144	Takahiro Yano	53 (2012) 4702-4708	2011A7232	BL03XU	小池 淳一郎	Orientation of Poly(vinyl alcohol) Nanofiber and Crystallites in Non-Woven Electrospun Nanofiber Mats under Uniaxial Stretching
			2011A1001	BL40B2	高原 淳	
			2010B1344	BL43IR	高原 淳	
			2011B1320	BL43IR	高原 淳	

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

20919	Keitaro Yamashita	108 (2011) 17314-17319	2011B1462	BL41XU	田中 良和	Crystal Structure of the Octameric Pore of Staphylococcal γ -hemolysin Reveals the β -barrel Pore Formation Mechanism by Two Components
21984	Ming-Ta Sung	106 (2009) 8824-8829	2009B6600	BL44XU	Hsiao Chwan Deng	Crystal Structure of the Membrane-Bound Bifunctional Transglycosylase PBP1b from <i>Escherichia coli</i>
21986	Chia-Ying Huang	109 (2012) 6496-6501	2011B6600	BL44XU	Hsiao Chwan Deng	Crystal Structure of <i>Staphylococcus aureus</i> Transglycosylase in Complex with a Lipid II Analog and Elucidation of Peptidoglycan Synthesis Mechanism

Review of Scientific Instruments

21846	Manami Ogawa	83 (2012) 023109	2009B7401	BL07LSU	松田 巖	Development of Soft X-ray Time-Resolved Photoemission Spectroscopy System with a Two- Dimensional Angle-Resolved Time-of-Fight Analyzer at SPring-8 BL07LSU
			2010A7401	BL07LSU	松田 巖	
			2010B7401	BL07LSU	松田 巖	
			2011B7401	BL07LSU	松田 巖	
22073	Takamasa Nonaka	83 (2012) 083112	2009A7001	BL33XU	広瀬 美治	Quick-Scanning X-ray Absorption Spectroscopy System with a Servo-Motor-Driven Channel-Cut Monochromator with a Temporal Resolution of 10 ms
			2009B7003	BL33XU	広瀬 美治	
			2010A7000	BL33XU	広瀬 美治	
			2009A7000	BL33XU	広瀬 美治	
22079	Akihisa Takeuchi	83 (2012) 083701	2010A1483	BL20XU	竹内 晃久	Differential Phase Contrast X-ray Microimaging with Scanning-Imaging X-ray Microscope Optics
			2010B1097	BL20XU	竹内 晃久	
			2011A1449	BL20XU	竹内 晃久	
			2011B1544	BL20XU	竹内 晃久	

Angewandte Chemie International Edition

21968	Kengo Oka	51 (2012) 7977-7980	2008B1750	BL02B2	岡 研吾	Polarization Rotation in the Monoclinic Perovskite $\text{BiCo}_{1-x}\text{Fe}_x\text{O}_3$
			2009B1698	BL02B2	岡 研吾	
			2011A1258	BL02B2	岡 研吾	
			2011B1896	BL02B2	岡 研吾	
22042	Yohei Haketa	49 (2010) 10079-10083	2009B1593	BL40B2	前田 大光	Oriented Salts: Dimension-Controlled Charge-by- Charge Assemblies from Planar Receptor-Anion Complexes
			2010A1504	BL40B2	前田 大光	

Inorganic Chemistry

21810	Xia Wang	51 (2012) 6868-6875	2010A4800	BL15XU	小林 啓介	High-Pressure Synthesis, Crystal Structure, and Electromagnetic Properties of CdRh_2O_4 : an Analogous Oxide of the Postspinel Mineral MgAl_2O_4
			2010B4800	BL15XU	小林 啓介	
21866	Wei Yi	51 (2012) 7650-7656	2011A4504	BL15XU	Belik Alexei	High-Pressure Synthesis, Crystal Structure, and Properties of BiPd_2O_4 with Pd^{2+} and Pd^{4+} Ordering and PbPd_2O_4
			2011B4512	BL15XU	Belik Alexei	

Journal of Applied Physics

21798	Masahiko Shimoda	111 (2012) 124908	2009B4603	BL15XU	下田 正彦	Sulfur-Mediated Palladium Catalyst Immobilized on a GaAs Surface
			2010A4601	BL15XU	下田 正彦	
21853	Keita Ito	112 (2012) 013911	2011B4804	BL15XU	木村 昭夫	Negative Spin Polarization at the Fermi Level in Fe_4N Epitaxial Films by Spin-Resolved Photoelectron Spectroscopy

Journal of Applied Physiology

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
22143	Daryl Schwenke	104 (2008) 88-96	2007A1538	BL28B2	Pearson James	Changes in Macrovesel Pulmonary Blood Flow Distribution Following Chronic Hypoxia: Assessed Using Synchrotron Radiation Microangiography
22159	Daryl Schwenke	110 (2011) 901-908	2009A1200	BL28B2	Schwenke Daryl	Role of Rho-kinase Signaling and Endothelial Dysfunction in Modulating Blood Flow Distribution in Pulmonary Hypertension
			2010A1528	BL28B2	Schwenke Daryl	

The Journal of Physical Chemistry A

21817	Hiroyuki Asakura	116 (2012) 4029-4034	2009B1398	BL01B1	穴戸 哲也	In Situ Time-Resolved XAFS Study of the Reaction Mechanism of Bromobenzene Homocoupling Mediated by [Ni(cod)(bpy)]
21998	Thammarat Aree	116 (2012) 8092-8099	2007A1024	BL02B1	Aree Thammarat	Dynamics and Thermodynamics of Crystalline Polymorphs: α -Glycine, Analysis of Variable-Temperature Atomic Displacement Parameters

Journal of Physics and Chemistry of Solids

21789	Yasushi Idemoto	73 (2012) 1223-1228	2008B2060	BL19B2	伊藤 孝憲	Crystal Structure and Ferroelectric Property of $\text{Bi}_4\text{Si}_3\text{O}_{12}$ -added $\text{Bi}_{4-x}\text{Sm}_x\text{Ti}_3\text{O}_{12}$
21806	Kenji Yoshii	73 (2012) 1106-1110	2005A0457	BL15XU	伊藤 嘉昭	Probing the Ba 5d States in BaTiO_3 and BaSO_4 : A Resonant X-ray Emission Study at the Ba- L_3 Edge

Journal of Synchrotron Radiation

21215	Nathan Annabell	19 (2012) 332-339	2010B1056	BL28B2	Geso Moshi	Evaluating the Peak-to-Valley Dose Ratio of Synchrotron Microbeams Using Presage Fluorescence
22059	Naoki Ishimatsu	19 (2012) 768-772	2010A1440	BL39XU	圓山 裕	Glitch-free X-ray Absorption Spectrum under High Pressure Obtained using Nano-Polycrystalline Diamond Anvils
			2011B1485	BL39XU	石松 直樹	

Journal of Textile Engineering

14793	Masanori Sato	55 (2009) 155-160	2008A1249	BL43IR	佐藤 昌憲	Analysis of Degraded State of Excavated Archaeological Silk Fibers using FT-IR Microscopy
			2007B1174	BL43IR	佐藤 昌憲	
			2007A1045	BL43IR	佐藤 昌憲	
			2006A1030	BL43IR	佐藤 昌憲	
			2005B0500	BL43IR	佐藤 昌憲	
16150	Masanori Akada	55 (2009) 171-177	2008B1762	BL43IR	赤田 昌倫	The Evaluation of Degraded State of Archaeological Silk Fibers Using Polarized Infrared Micro Spectroscopy
			2008A1249	BL43IR	佐藤 昌憲	
			2007B1174	BL43IR	佐藤 昌憲	
			2007A1045	BL43IR	佐藤 昌憲	
			2006A1030	BL43IR	佐藤 昌憲	
2005B0500	BL43IR	佐藤 昌憲				

Materials Science Forum

21821	Ryohei Tanuma	717-720 (2012) 323-326	2010B3237	BL24XU	土田 秀一	X-Ray Three-Dimensional Topography Imaging of Basal-Plane and Threading-Edge Dislocations in 4H-SiC
			2011A3237	BL24XU	土田 秀一	
21822	Ryohei Tanuma	725 (2012) 3-6	2011A3237	BL24XU	土田 秀一	Imaging and Strain Analysis of Threading-Edge and Basal-Plane Dislocations in 4H-SiC Using X-ray Three-Dimensional Topography
			2010B3237	BL24XU	土田 秀一	

Nature

21981	Shih-Ming Lin	484 (2012) 399-403	2011B6600	BL44XU	Hsiao Chwan Deng	Crystal Structure of a Membrane-Embedded H ⁺ -translocating Pyrophosphatase
22126	Ryosuke Nakashima	480 (2011) 565-569	2011B6627	BL44XU	中島 良介	Structures of the Multidrug Exporter AcrB Reveal a Proximal Multisite Drug-Binding Pocket

Physical Review 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
21847	Marie D'angelo	108 (2012) 116802	2009B7401	BL07LSU	松田 巖	Hydrogen-Induced Surface Metallization of SrTiO ₃ (001)
			2010A7401	BL07LSU	松田 巖	
			2010B7401	BL07LSU	松田 巖	
			2011A7401	BL07LSU	松田 巖	
			2011B7401	BL07LSU	松田 巖	
			2011A7415	BL07LSU	D'angelo Marie	
22052	Yu Shiratsuchi	109 (2012) 077202	2011A1172	BL25SU	白土 優	Detection and <i>In-situ</i> Switching of Unreversed Interfacial Antiferromagnetic Spins in a Perpendicular Exchange-Biased System
			2011B1707	BL25SU	白土 優	

Surface Science

21933	Masashi Nakamura	606 (2012) 1560-1564	2008A1227	BL13XU	中村 将志	Interfacial Structure of Co Porphyrins on Au(111) Electrode: Interaction of Porphyrin Molecules with Substrate
			2009A1694	BL13XU	中村 将志	
			2007B2039	BL38B1	藤内 謙光	
			2007B2005	BL38B1	藤内 謙光	
			2007B1988	BL38B1	藤内 謙光	
			2008A1422	BL38B1	藤内 謙光	
			2009B1969	BL38B1	久木 一朗	
			2011B1587	BL38B1	久木 一朗	
22075	Shinya Ohno	606 (2012) 1685-1692	2009B3805	BL23SU	大野 真也	Time-Evolution of Thermal Oxidation on High-Index Silicon Surfaces: Real-Time Photoemission Spectroscopic Study with Synchrotron Radiation
			2010A3805	BL23SU	大野 真也	
			2010B3805	BL23SU	大野 真也	

保全学 (Maintenance)

21842	Kenji Suzuki	11 (2012) 99-106	2009B1810	BL19B2	鈴木 賢治	Evaluation on Internal Stresses using Area Detectors
			2010B3782	BL22XU	鈴木 賢治	
21843	Kenji Suzuki	11 (2012) 91-98	2011A3782	BL22XU	鈴木 賢治	Residual Stresses in Dissimilar Metal Joint by Multi-pass Welds

ACS Catalysis

21563	Nozomu Ishiguro	2 (2012) 1319-1330	2010B1017	BL40XU	岩澤 康裕	Operando Time-Resolved X-ray Absorption Fine Structure Study for Surface Events on a Pt ₃ Co/C Cathode Catalyst in a Polymer Electrolyte Fuel Cell during Voltage-Operating Processes
			2011A1031	BL01B1	岩澤 康裕	
			2011A1033	BL40XU	岩澤 康裕	
			2010B1014	BL01B1	岩澤 康裕	

Acta Crystallographica Section F

22085	Eiki Yamashita	67 (2011) 837-841	2008B6500	BL44XU	山下 栄樹	The Host-binding Domain of the P2 Phage Tail Spike Reveals a Trimeric Iron-binding Structure
			2009A6500	BL44XU	山下 栄樹	
			2009B6500	BL44XU	山下 栄樹	
			2010A6500	BL44XU	山下 栄樹	

Advanced Functional Materials

21503	Koji Ohara	22 (2012) 2251-2257	2007A1180	BL02B1	小原 真司	The Roles of the Ge-Te Core Network and the Sb-Te Pseudo Network During Rapid Nucleation-Dominated Crystallization of Amorphous Ge ₂ Sb ₂ Te ₅
			2008A1998	BL02B1	小原 真司	
			2009A1058	BL02B1	小原 真司	
			2010A1217	BL02B1	小原 真司	
			2010B1182	BL02B1	小原 真司	
			2010B1183	BL04B2	小原 真司	
			2011A0030	BL40XU	山田 昇	

AIP Advances

20967	Hiroo Omi	2 (2012) 012141	2010B3102	BL24XU	尾身 博雄	Real-time Synchrotron Radiation X-ray Diffraction and Abnormal Temperature Dependence of Photoluminescence from Erbium Silicates on SiO ₂ /Si Substrates
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Applied Catalysis 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
21812	Janusz Janas	123-124 (2011) 134-140	2011A1173	BL01B1	宍戸 哲也	Selective Catalytic Reduction of NO on Single Site FeSiBEA Zeolite Catalyst: Influence of the C ₁ and C ₂ Reducing Agents on the Catalytic Properties

Applied Physics Express

22055	Yoshihiro Sugawara	5 (2012) 081301	2009B3322	BL08B2	山口 聡	Transmission Electron Microscopy Analysis of Threading Dislocation with c + a Burgers Vector in 4H-SiC
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Arteriosclerosis, Thrombosis and Vascular Biology

20909	Mathew J. Jenkins	32 (2012) 370-377	2009A1333	BL28B2	Pearson James	Dynamic Synchrotron Imaging of Diabetic Rat Coronary Microcirculation In Vivo
			2010A1207	BL28B2	Pearson James	

Asian Journal of Atmospheric Environment

15990	Chang Ma	2 (2008) 26-33	2002A4029	BL39XU	早川 慎二郎	Physicochemical Properties of Asian Dust Sources
			2001B0395	BL39XU	東野 達	

Biomaterials

22062	Azusa Takahashi	33 (2012) 3464-3474	2011A6601	BL44XU	青山 浩	Creation and Biochemical Analysis of Broad-Specific Claudin Binder
			2011B6601	BL44XU	青山 浩	

Biopolymers

22154	Maiko Tsuda	97 (2012) 1010-1017	2007B1296	BL40B2	寺尾 憲	Solvent-Dependent Conformation of a Regioselective Amylose Carbamate: Amylose-2-acetyl-3,6-bis(phenylcarbamate)
			2008A1313	BL40B2	寺尾 憲	
			2009A1049	BL40B2	寺尾 憲	

Catalysis Science & Technology

21831	Shun Nishimura	2 (2012) 1685-1693	2008A1170	BL01B1	宍戸 哲也	<i>In situ</i> Observation of the Dynamic Behavior of Cu–Al–O _x Catalysts for Water Gas Shift Reaction during Daily Start-up and Shut-down (DSS)-like Operation
			2009A1662	BL01B1	西村 俊	
			2009B1690	BL01B1	西村 俊	

Chemistry Letters

21855	Hikaru Takaya	41 (2012) 498-500	2008A1034	BL40B2	高谷 光	Pd-complex-bound Amino Acid-based Supramolecular Gel Catalyst for Intramolecular Addition-Cyclization of Alkynoic Acids in Water
			2009B1463	BL40B2	高谷 光	
			2011A1614	BL40B2	尾形 和樹	
			2009A1368	BL01B1	高谷 光	
			2009A1819	BL14B2	高谷 光	
			2011B1945	BL14B2	高谷 光	
			2009B1848	BL14B2	高谷 光	

Corrosion Science

22107	Isao Saeki	55 (2012) 219-225	2009A1824	BL46XU	佐伯 功	In situ X-ray Diffraction of Surface Oxide on Type 430 Stainless Steel in Breakaway Condition Using Synchrotron Radiation
			2010A1763	BL46XU	佐伯 功	

Crystal Growth & Design

22110	Atushi Yamamoto	12 (2012) 4600-4606	2007B1988	BL38B1	藤内 謙光	Diamondoid Porous Organic Salts toward Applicable Strategy for Construction of Versatile Porous Structures
			2007B2005	BL38B1	藤内 謙光	
			2007B2039	BL38B1	藤内 謙光	
			2008A1422	BL38B1	藤内 謙光	

CrystEngComm

22001	Masaharu Tsuji	14 (2012) 3623-3632	2010B7006	BL33XU	長井 康貴	Syntheses of Au–Cu-rich AuAg(AgCl)Cu Alloy and Ag–Cu-rich AuAgCu@Cu Core–Shell and AuAgCu Alloy Nanoparticles using a Polyol Method
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Earth and Planetary Science 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
21946	Kenji Ohta	349-350 (2012) 109-115	2010A0087	BL10XU	廣瀬 敬	Lattice Thermal Conductivity of MgSiO ₃ Perovskite and Post-perovskite at the Core-mantle Boundary
			2010B0087	BL10XU	廣瀬 敬	

IIBCC 2012 Proceedings

22141	Kunio Matsui	(2012) 123-129	2008B1864	BL19B2	松野 信也	Influence of Al Compound and Gypsum Addition on Tobermorite Formation in Hydrothermally Treated Cement-Based Materials Studied by <i>in situ</i> X-ray Diffraction
			2008B2031	BL19B2	松野 信也	
			2009B1788	BL19B2	松野 信也	

Japanese Journal of Applied Physics

21997	Yukako Kato	51 (2012) 090103	2011A1945	BL19B2	梅沢 仁	X-ray Topography Used to Observe Dislocations in Epitaxially Grown Diamond Film
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Journal of Applied Crystallography

22145	Wen Hu	45 (2012) 1046-1053	2010B3503	BL11XU	高橋 正光	High-Speed Three-Dimensional Reciprocal-Space Mapping during Molecular Beam Epitaxy Growth of InGaAs
			2010B3574	BL11XU	大下 祥雄	

The Journal of Chemical Physics

22093	Hisako Hirai	137 (2012) 074505	2009B1072	BL10XU	平井 寿子	Structural Changes of Filled ice Ic Hydrogen Hydrate under Low Temperatures and High Pressures from 5 to 50 GPa
			2010B1076	BL10XU	平井 寿子	
			2011A1778	BL10XU	平井 寿子	

Journal of Controlled Release

21094	Miyuki Baba	157 (2012) 112-117	2009B1773	BL37XU	Cabral Horacio	Micellization of Cisplatin (NC-6004) Reduces its Ototoxicity in Guinea Pigs
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Journal of Geophysical Research

21788	Fu-Long Wang	117 (2012) B06209	2010A0082	BL04B1	入船 徹男	<i>P-V-T</i> Equation of State of Stishovite up to Mid-Lower Mantle Conditions
			2010B0082	BL04B1	入船 徹男	
			2011A0082	BL04B1	入船 徹男	

Journal of Hypertension

22158	Daryl Schwenke	27 (2009) 1410-1419	2008A1259	BL28B2	Schwenke Daryl	Changes in Pulmonary Blood Flow Distribution in Monocrotaline Compared with Hypoxia-Induced Models of Pulmonary Hypertension: Assessed Using Synchrotron Radiation
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Journal of Molecular Biology

22090	Aki Nakaishi	375 (2008) 650-660	2006B6500	BL44XU	山下 栄樹	Structural Insight into the Specific Interaction between Murine SHPS-1/SIRP α and Its Ligand CD47
			2007A6500	BL44XU	山下 栄樹	
			2007B6500	BL44XU	山下 栄樹	

The Journal of Organic Chemistry

22045	Yohei Haketa	76 (2011) 5177-5184	2010A1504	BL40B2	前田 大光	Synthesis, Crystal Structures, and Supramolecular Assemblies of Pyrrole-Based Anion Receptors Bearing Modified Pyrrole β -Substituents
			2010A1621	BL40B2	羽毛田 洋平	

Journal of Physics D: Applied Physics

21964	Changhai Wang	45 (2012) 295001	2009A4131	BL12B2	Fecher Gerhard	Structural and Magnetic Properties of Fe ₂ CoGa Heusler Nanoparticles
			2009B4128	BL12B2	Felser Claudia	

Journal of the Magnetics Society of Japan

21833	Motohiro Suzuki	36 (2012) 304-307	理研	BL17SU		Disturbance-Free Observation of the Barkhausen Effect in Co/Pt Multilayer by X-ray Fourier Transform Holography
			2007B1887	BL25SU	中村 哲也	
			2008A1513	BL25SU	中村 哲也	

Journal of Virology

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
22086	Fusamichi Akita	86 (2012) 746-756	2010A6500	BL44XU	山下 栄樹	Crystallographic Analysis Reveals Octamerization of Viroplasm Matrix Protein P9-1 of <i>Rice Black Streaked Dwarf Virus</i>
			2010B6500	BL44XU	山下 栄樹	

Materials Letters

20980	Hidenori Terasaki	74 (2012) 187-190	2011A1792	BL46XU	寺崎 秀紀	Time-Resolved X-ray Diffraction Studies of Phase Evolution Including Liquid Phase and Grain Structure during Solidification Process in Stainless Steel Welds
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Nature Chemical Biology

21982	Yu-Yuan Hsiao	7 (2011) 236-243	2011B6600	BL44XU	Hsiao Chwan Deng	Structural Basis for RNA Trimming by RNase T in Stable RNA 3'-end Maturation
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Nature Structural and Molecular Biology

21929	Yushi Matsumoto	19 (2012) 238-246	理研	BL26B1		Crystal Structure of Quinol-Dependent Nitric Oxide Reductase from <i>Geobacillus stearothermophilus</i>
			理研	BL44B2		
			2011A1520	BL41XU	當舎 武彦	
			2007A2102	BL41XU	永野 真吾	

Nucleic Acids Research

21980	Hao-Ching Wang	40 (2012) 5718-5730	2011B6600	BL44XU	Hsiao Chwan Deng	<i>Neisseria</i> Conserved Protein DMP19 is a DNA Mimic Protein that Prevents DNA Binding to a Hypothetical Nitrogen-Response Transcription Factor
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Pfugers Archiv: European Journal of Physiology

22160	Daryl Schwenke	462 (2011) 397-406	2010A1528	BL28B2	Schwenke Daryl	Exogenous Ghrelin Improves Blood Flow Distribution in Pulmonary Hypertension-Assessed Using Synchrotron Radiation Microangiography
			2010B1200	BL28B2	Schwenke Daryl	
			2009B1328	BL28B2	Schwenke Daryl	

Physical Review A

22030	Xu Kang	86 (2012) 022509	2011B4256	BL12XU	Zhu Lin Fan	Squared Form Factors of Valence-shell Excitations of Atomic Argon Studied by High-resolution Inelastic X-ray Scattering
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Physics and Chemistry of Minerals

21795	Yongtao Zou	39 (2012) 589-598	2011A0082	BL04B1	入船 徹男	Thermal Equation of State of $Mg_3Al_2Si_3O_{12}$ Pyrope Garnet up to 19 GPa and 1,700 K
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Physics Procedia

20892	Yuji Kondo	16 (2011) 48-52	2008B1819	BL39XU	近藤 祐治	Investigation on the Origin of Switching Field Width in Co-Pt Dot Array
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PLoS One

21977	Cheng Chung Lee	6 (2011) e19961	2011B6600	BL44XU	Hsiao Chwan Deng	The Hexameric Structures of Human Heat Shock Protein 90
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The Prodeedings of AM-FPD 12

21838	Satoshi Yasuno	(2011) 147-150	2011A1732	BL47XU	安野 聡	Physical Properties of Amorphous In-Ga-Zn-O Films Deposited under Various Sputtering Pressure
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Protein Science

21259	Shigeki Arai	21 (2012) 498-510	2006B2647	BL41XU	黒木 良太	A Structural Mechanism for Dimeric to Tetrameric Oligomer Conversion in <i>Halomonas</i> sp. Nucleoside Diphosphate Kinase
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Proteins: Structure, Function, and Bioinformatics

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
21809	Shogo Nakano	80 (2012) 2035-2045	2008A6810	BL44XU	奥村 英夫	The Reductive Reaction Mechanism of Tobacco Nitrite Reductase Derived from a Combination of Crystal Structures and Ultraviolet-Visible Microspectroscopy
			2010B1666	BL38B1	中野 祥吾	

Soft Matter

21962	Atsushi Izumi	8 (2012) 8438-8445	2010B7266	BL03XU	妹尾 政宣	Structural Analysis of Cured Phenolic Resins using Complementary Small-Angle Neutron and X-ray Scattering and Scanning Electron Microscopy
			2011A7212	BL03XU	権藤 聡	
			2011B7261	BL03XU	権藤 聡	

Solid State Ionics

21939	Lumeij Marck	222-223 (2012) 53-58	2010A1696	BL14B2	伊藤 孝憲	Detailed Insights into the Structural Properties and Oxygen-Pathways in Orthorhombic $Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-\delta}$ by Electronic-Structure Theory
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Structure

21959	Masaya Yamaguchi	20 (2012) 1244-1254	2008A2021	BL41XU	稲垣 冬彦	Structural Insights into Atg10-Mediated Formation of the Autophagy-Essential Atg12-Atg5 Conjugate
			2003A0578	BL41XU	野田 展生	
			2006B2668	BL41XU	稲垣 冬彦	

Surface and Interface Analysis

21526	Keita Kataoka	44 (2012) 709-712	2010B7011	BL33XU	片岡 恵太	Characterization of Ar Ion Etching Induced Damage for GaN
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Tetrahedron

22105	Yuko Otani	68 (2012) 4418-4428	2008B1981	BL38B1	榎 飛雄真	Secondary Structure of Homo-Thiopeptides Based on a Bridged β -protein Analogue: Preferred Formation of Extended Strand Structures with <i>trans</i> -thioamide Bonds
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Transport in Porous Media

21794	Yoshito Nakashima	93 (2012) 657-673	2001B0501	BL20B2	中島 善人	Steady-State Local Diffusive Fluxes in Porous Geomaterials Obtained by Pore-Scale Simulations
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材料 (Journal of the Society of Materials Science, Japan)

21818	Osamu Ohtaka	61 (2012) 407-411	2007A1094	BL04B1	大高 理	HIP Production of Diamond-SiC Composite and Its Application to High-Pressure In-Situ X-Ray Experiments
			2007B1403	BL04B1	大高 理	
			2008A1382	BL04B1	大高 理	
			2008B1343	BL04B1	大高 理	
			2009A1169	BL04B1	大高 理	
			2009B1265	BL04B1	大高 理	
			2010A1300	BL04B1	大高 理	
			2010B1290	BL04B1	大高 理	
2011A1251	BL04B1	大高 理				

繊維学会誌 (Journal of the Society of Fiber Science and Technology, Japan)

14792	Masanori Sato	65 (2009) 262-266	2005B0500	BL43IR	佐藤 昌憲	Studies on the Degraded State of Excavated Archaeological Silk Fibers using Infrared Micro-Spectroscopy and Curve Fitting Analysis
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日本機械学会論文集 A編 (Transactions of the Japan Society of Mechanical Engineers, Series A)

14889	Yuka Kojima	A75 (2009) 742-751	2007A1761	BL09XU	木村 英彦	Microscopic Analysis by EBSD Method on Fatigue Crack Propagation Behaviour in Ultrafine-Grained Copper
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日本化粧品技術者会誌 (Journal of the Society of Cosmetic Chemists of Japan)

21826	Takafumi Inoue	46 (2012) 100-107	2009A1807	BL20XU	井上 敬文	The Internal Structure of Hair Observed Using a Differential Phase Contrast Scanning X-ray Microscope
			2009B1853	BL20XU	井上 敬文	

博士論文 (東京大学)

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
21178	Kuniaki Arai	(2011)	2008A1726	BL25SU	新井 邦明	Static and Dynamic Properties of Ferro- and Anti-ferromagnetically Exchange-Coupled Systems by Means of Photoelectron Microscopy Using Synchrotron Radiation
			2008A1723	BL17SU	新井 邦明	
			2007B1739	BL25SU	大谷 義近	
			2008A1298	BL25SU	大谷 義近	
			2008A1987	BL25SU	木下 豊彦	
			2008B1635	BL25SU	木下 豊彦	
			2009A1755	BL25SU	奥田 太一	
			2009B1736	BL25SU	奥田 太一	
			2010A1642	BL25SU	奥田 太一	
			2009A1667	BL17SU	新井 邦明	
2007A1835	BL17SU	新井 邦明				

課題以外の成果として登録された論文

Acta Crystallographica Section F

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
20881	Hiromichi Saino	67 (2011) 1666-1673	理研	BL26B2	Seleno-detergent MAD Phasing of Leukotriene C ₄ Synthase in Complex with Dodecyl- β -D-selenomaltoside

Materials Science and Engineering A

14445	Ke-Shen Cheong	513-514 (2009) 222-227	一般	BL20XU	The Effects of Microstructure on Creep Behaviour—A Study through Synchrotron X-ray Tomography
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Molecular Microbiology

21373	Tohru Minamino	83 (2012) 168-178	理研	BL32XU	Interaction between FliI ATPase and a Flagellar Chaperone FliT during Bacterial Flagellar Protein Export
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X-ray Spectrometry

15331	Satoshi Matsuyama	38 (2009) 89-94	理研	BL29XU	Trace Element Mapping of a Single Cell using a Hard X-ray Nanobeam Focused by a Kirkpatrick-Baez Mirror System
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