

最近SPring-8から発表された成果リスト

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23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2011年7月～9月に登録された論文が掲載された主な雑誌と掲載論文数

掲載雑誌	登録論文数	掲載雑誌	登録論文数
Physical Review B	19	The Journal of Physical Chemistry C	6
Journal of the Physical Society of Japan	12	AIP Conference Proceedings	5
Journal of Physics: Conference Series	9	Journal of the American Chemical Society	5
Angewandte Chemie International Edition	8	Applied Physics Letters	4
Physical Review Letters	8	Japanese Journal of Applied Physics	4
Journal of Electron Spectroscopy and Related Phenomena	7	Journal of Applied Physics	4

他全112誌、計 226報

課題の成果として登録された論文
Physical Review 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
18302	Yuichi Akahama	82 (2010) 060101(R)	2008B1216	BL10XU	川村 春樹	Evidence from X-ray Diffraction of Orientational Ordering in Phase III of Solid Hydrogen at Pressures up to 183 GPa
			2010A1115	BL10XU	赤浜 裕一	
19143	Kazuyuki Matsubayashi	84 (2011) 024502	2009B1959	BL39XU	河村 直己	Pressure-induced Changes in the Magnetic and Valence State of EuFe_2As_2
19198	Akira Yasui	74 (2006) 205404	2002B0675	BL27SU	原田 慈久	Dynamical Changeover of Core Exciton State of Graphite and Resonant X-ray Emission Spectrum: From Shallow to Deep Level with Symmetry Breaking
19266	Ikuto Kawasaki	83 (2011) 235121	2009B3821	BL23SU	川崎 郁斗	Band Structure and Fermi Surface of URu_2Si_2 Studied by Soft X-ray Angle-Resolved Photoemission Spectroscopy
19270	Feng Wang	74 (2006) 113107	2004B0402	BL25SU	Allen James	Case for Bulk Nature of Spectroscopic Luttinger Liquid Signatures Observed in Angle-Resolved Photoemission Spectra of $\text{Li}_{0.9}\text{Mo}_6\text{O}_{17}$
19271	G. Sangiovanni	73 (2006) 205121	2003B0109	BL25SU	Allen James	Static Versus Dynamical Mean-Field Theory of Mott Antiferromagnets
19280	Hidenori Fujiwara	84 (2011) 075117	2006B1722	BL25SU	関山 明	Evidence for the Constancy of U in the Mott Transition of V_2O_3
			2009B1014	BL25SU	関山 明	
			理研	BL19LXU		
19300	Daisuke Okuyama	84 (2011) 054440	2009B1304	BL02B1	酒井 英明	Magnetically Driven Ferroelectric Atomic Displacements in Orthorhombic YMnO_3
			2010A1795	BL02B1	酒井 英明	
19321	Anneli Önsten	76 (2007) 115127	2006B1020	BL25SU	Mansson Martin	Probing the Valence Band Structure of Cu_2O using High-Energy Angle-Resolved Photoelectron Spectroscopy
19322	Thomas Claesson	80 (2009) 094503	2006B1020	BL25SU	Mansson Martin	Electronic Structure of $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$ Probed by High- and Low-Energy Angle-Resolved Photoelectron Spectroscopy
19328	C. Klinger	83 (2011) 144405	2009A1029	BL25SU	Vyalikh Denis	Evolution of Magnetism in $\text{Yb}(\text{Rh}_{1-x}\text{Co}_x)_2\text{Si}_2$
19373	Xeniya Kozina	84 (2011) 054449	2009B0017	BL47XU	Felser Claudia	Magnetic Dichroism in Angle-Resolved Hard X-ray Photoemission from Buried Layers
19377	Jingtao Xu	82 (2010) 085206	2010B1508	BL02B1	谷垣 勝己	Low-temperature Heat Capacity of $\text{Sr}_8\text{Ga}_{16}\text{Ge}_{30}$ and $\text{Ba}_8\text{Ga}_{16}\text{Ge}_{30}$: Tunneling States and Electron-phonon Interaction in Clathrates
			2010A1632	BL02B2	谷垣 勝己	
19392	Takenori Nagatochi	83 (2011) 184507	2009A1325	BL02B2	木村 薫	Superconductivity in Li-doped α -rhombohedral Boron
			2007B1659	BL02B2	兵藤 宏	
19414	Hossein Khosroabadi	83 (2011) 224525	2007A1118	BL35XU	宮坂 茂樹	Softening of Bond-Stretching Phonon Mode in $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ at the Metal-Insulator Transition
			2007B1215	BL35XU	宮坂 茂樹	
			2008A1456	BL35XU	宮坂 茂樹	
19518	Taizo Kawauchi	84 (2011) 020415	2003B0669	BL09XU	岡野 達雄	Surface Magnetic Canting of Iron Films
			2004A0477	BL09XU	岡野 達雄	
19519	Jun Sugiyama	84 (2011) 054430	2010B1806	BL19B2	野崎 洋	Magnetic and Diffusive Nature of LiFePO_4 Investigated by Muon Spin Rotation and Relaxation
19575	Masaichiro Mizumaki	84 (2011) 094418	2008A1001	BL25SU	島川 祐一	Direct Observation of the Ferrimagnetic Coupling of A-site Cu and B-site Fe Spins in Charge-disproportionated $\text{CaCu}_3\text{Fe}_4\text{O}_{12}$

Journal of the Physical Society of Japan

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
19140	Satoshi Tsutsui	80 (2011) SA036	2005A0369	BL35XU	筒井 智嗣	Sm Atomic and Charge Dynamics in a Heavy Fermion Compound $\text{SmOs}_4\text{Sb}_{12}$
			2005B0127	BL01B1	水牧 仁一朗	
			2006A1203	BL01B1	水牧 仁一朗	
			2006A1350	BL02B2	坪田 雅己	
19141	Takayuki Isono	80 (2011) SA041	2007A2089	BL10XU	井澤 公一	Crystal Structure and Superconductivity of β -pyrochlore Oxides under High Pressure
			2007B1183	BL10XU	井澤 公一	
19211	Hiroyuki Okazaki	78 (2009) 034703	2007A1643	BL25SU	横谷 尚睦	Soft X-ray Core-Level Photoemission Study of Boron Sites in Heavily Boron-Doped Diamond Films
			2007B1528	BL25SU	横谷 尚睦	
19277	Shigemasa Suga	79 (2010) 044711	2007A1005	BL25SU	菅 滋正	Photoelectron Spectroscopy of LiV_2O_4 with Photons from 8.4 to 8100 eV: Bulk Sensitivity, Hybridization, and Recoil Effects
			理研	BL19LXU		
19290	Hisao Kobayashi	80 (2011) 084719	2005A0585	BL10XU	小林 寿夫	Structural and Magnetic Properties of Fe_2P under Pressure at Low Temperature
19324	Shinji Watanabe	80 (2011) 093705	2007B1148	BL08W	圓山 裕	Instability of Co Spin Moment in ErCo_2 Probed by Magnetic Compton Scattering under High Pressure
			2007B2059	BL08W	伊藤 真義	
19510	Koun Shirai	80 (2011) 084601	2006A1753	BL10XU	森 嘉久	Structural Study of α -Rhombohedral Boron at High Pressures
			2007B1647	BL10XU	森 嘉久	
19551	Hidekazu Okamura	80 (2011) 084718	2008A1239	BL43IR	岡村 英一	Optical Conductivity and Electronic Structure of $\text{CeRu}_4\text{Sb}_{12}$ under High Pressure
			2008B1070	BL43IR	岡村 英一	
			2009A0089	BL43IR	岡村 英一	
			2009B0089	BL43IR	岡村 英一	
19552	Hidekazu Okamura	80 (2011) SA092	2009B0089	BL43IR	岡村 英一	Suppression of Metal-Insulator Transition in $\text{PrRu}_4\text{P}_{12}$ under High Pressure Studied by Infrared Spectroscopy
			2010A0089	BL43IR	岡村 英一	
19572	Hidekazu Okamura	76 (2007) 9-10	2005B0526	BL43IR	岡村 英一	Pressure-tuning of the <i>c-f</i> Hybridization in Yb Metal Detected by Infrared Spectroscopy up to 18 GPa
			2006A1346	BL43IR	岡村 英一	
19639	Fumiaki Sawano	78 (2009) 024714	2006A0010	BL02B1	寺崎 一郎	Current-Density Dependence of the Charge-Ordering Gap in the Organic Salt θ -(BEDT-TTF) $_2\text{CsM}(\text{SCN})_4$ ($M = \text{Zn}, \text{Co}, \text{and } \text{Co}_{0.7}\text{Zn}_{0.3}$)
			2006B0010	BL02B1	寺崎 一郎	
			2007A0010	BL02B1	寺崎 一郎	
			2007B0010	BL02B1	寺崎 一郎	
19641	Yoshio Nogami	79 (2010) 044606	2008A0010	BL02B1	岸田 恭輔	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family
			2008B0010	BL02B1	岸田 恭輔	

Journal of Physics: Conference Series

18303	Yuichi Akahama	215 (2010) 012056	2008B1216	BL10XU	川村 春樹	Raman Scattering and X-ray Diffraction Experiments for Phase III of Solid Hydrogen
			2010A1115	BL10XU	赤浜 裕一	
18304	Yuichi Akahama	215 (2010) 012195	2010A1115	BL10XU	赤浜 裕一	Pressure Calibration of Diamond Anvil Raman Gauge to 410 GPa
19207	Kiyohiko Tabayashi	288 (2011) 012022	2009A1077	BL27SU	田林 清彦	Site- and Geometry-specific $\text{CH}\cdots\text{O}$ Interaction in Small Acetaldehyde Clusters Studied with Core-electron Excitation Spectroscopy in the Carbon <i>K</i> -edge Region
19273	Atsushi Higashiya	150 (2009) 042055	2000A0055	BL25SU	今田 真	Study of Electronic States of a Pyrochlore-type Molybdate ($\text{Sm}_2\text{Mo}_2\text{O}_7$) at Low Temperature by Means of Hard X-ray Photoemission Spectroscopy
			2001A0160	BL25SU	今田 真	
			2001B0153	BL25SU	今田 真	
			理研	BL19LXU		
19413	Daniel Rolles	212 (2010) 012009	2007A1177	BL27SU	福澤 宏宣	Molecular-Frame Angular Distribution of Normal and Resonant Auger Electrons
19473	Masato Kotsugi	266 (2011) 012095	2008B1212	BL17SU	小嗣 真人	Determination of Local Magnetic Moment in $\text{L1}_0\text{-FeNi}$ using Photoelectron Emission Microscopy (PEEM)
			2010A1358	BL17SU	小嗣 真人	
			2010B1174	BL17SU	小嗣 真人	
			2008A1074	BL17SU	小嗣 真人	
19586	Makina Saitou	217 (2010) 012147	2009A0086	BL09XU	瀬戸 誠	Development of Time-Domain Interferometry for the Study of Glass Formers
			2008B0098	BL09XU	瀬戸 誠	
19623	Yuki Terayama	272 (2011) 012010	2009A1011	BL40B2	高原 淳	Chain Dimensions in Free and Immobilized Brush States of Polysulfobetaine in Aqueous Solution at Various Salt Concentrations
19702	Itaru Higuchi	235 (2010) 012015	2008A1293	BL27SU	齋藤 則生	Radiative Charge Transfer and Interatomic Coulombic Decay Following Direct Double Photoionization of Neon Dimers
			2009A1391	BL27SU	齋藤 則生	

Angewandte Chemie International Edition

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
15071	Masahiro Sadakane	48 (2009) 3782-3786	2007A1497	BL02B1	定金 正洋	Synthesis of Orthorhombic Mo-V-Sb Oxide Species by Assembly of Pentagonal Mo ₆ O ₂₁ Polyoxometalate Building Blocks
19161	Ikuya Yamada	50 (2011) 6579-6582	2010A1626	BL02B2	山田 幾也	Giant Negative Thermal Expansion in the Iron Perovskite SrCu ₃ Fe ₄ O ₁₂
19185	Thomas Mathew	50 (2011) 7381-7384	2010B7001 2010B7010	BL33XU BL33XU	長井 康貴 長井 康貴	Mesoporous Ferrihydrate-Based Iron Oxide Nanoparticles as Highly Promising Materials for Ozone Removal
19319	Kenji Hirai	50 (2011) 8057-8061	2010A1597	BL13XU	平井 健二	Sequential Functionalization of Porous Coordination Polymer Crystals
19361	Daigo Miyajima	50 (2011) 7865-7869	理研 2008B1777 2009A1651 2009A1699	BL44B2 BL02B2 BL02B2 BL02B2	 山本 洋平 櫻井 庸明 山本 洋平	Electric-Field-Responsive Handle for Large-Area Orientation of Discotic Liquid-Crystalline Molecules in Millimeter-Thick Films
19401	Javier Marti-Rujas	50 (2011) 6105-6108	2008A1938	BL19B2	河野 正規	Ab Initio Powder Diffraction Structure Analysis of Host-Guest Network: Short Contacts between TTF Molecules in a Pore
19561	Akifumi Noujima	50 (2011) 2986-2989	2011A1295	BL01B1	金田 清臣	Selective Deoxygenation of Epoxides to Alkenes with Molecular Hydrogen Using a Hydrotalcite-Supported Gold Catalyst: A Concerted Effect between Gold Nanoparticles and Basic Sites on a Support
19566	Takato Mitsudome	47 (2008) 7938-7940	2006A1496	BL01B1	金田 清臣	Supported Silver-Nanoparticle-Catalyzed Highly Efficient Aqueous Oxidation of Phenylsilanes to Silanols

Physical Review Letters

19055	Huynh Kim	106 (2011) 217004	2010B1435	BL02B2	谷垣 勝己	Both Electron and Hole Dirac Cone States in Ba(FeAs) ₂ Confirmed by Magnetoresistance
19137	Takahiro Matsuoka	107 (2011) 025501	2009B1010 2010A1004 2010B1244 2010B1005	BL10XU BL10XU BL09XU BL10XU	町田 晃彦 町田 晃彦 三井 隆也 町田 晃彦	Structural and Valence Changes of Europium Hydride Induced by Application of High-Pressure H ₂
19309	Haruhiko Dekura	107 (2011) 045701	2010B1578 2011A1201 2010A1225	BL10XU BL10XU BL10XU	桑山 靖弘 桑山 靖弘 桑山 靖弘	Theoretical and Experimental Evidence for a New Post-Cotunnite Phase of Titanium Dioxide with Significant Optical Absorption
19374	Siham Ouardi	107 (2011) 036402	2009B0017	BL47XU	Felser Claudia	Symmetry of Valence States of Heusler Compounds Explored by Linear Dichroism in Hard-X-Ray Photoelectron Spectroscopy
19378	Jun Tang	105 (2010) 176402	2009B1144 2008B1810 2006A1622 2008B1808 2010A1632	BL02B1 BL25SU BL25SU BL02B2 BL02B2	谷垣 勝己 谷垣 勝己 谷垣 勝己 谷垣 勝己 谷垣 勝己	Electron-Phonon Interactions of Si ₁₀₀ and Ge ₁₀₀ Superconductors with Ba Atoms Inside
19405	Kentaro Sakai	106 (2011) 033401	2009B1207 2009B1251	BL27SU BL27SU	樋口 格 福澤 宏宣	Electron-transfer-mediated Decay and Interatomic Coulombic Decay from the Triply Ionized States in Argon Dimers
19412	Takao Ouchi	107 (2011) 053401	2009A1391	BL27SU	齋藤 則生	Three-electron Interatomic Coulombic Decay from the Inner-Valence Double-Vacancy States in NeAr
19605	Hideaki Sakai	107 (2011) 137601	2010A1552 2010B1579	BL35XU BL35XU	酒井 英明 酒井 英明	Displacement-type Ferroelectricity with Off-center Magnetic Ions in Perovskite Sr _{1-x} Ba _x MnO ₃

Journal of Electron Spectroscopy and Related Phenomena

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
19118	Jungjin Kim	144-147 (2005) 561-564	2004A0565	BL47XU	牧野 久雄	Electronic Structure of the Ga _{1-x} Cr _x N Studied by High-energy Photoemission Spectroscopy
19184	Kan Nakatsuji	181 (2010) 225-228	2006A1637	BL27SU	小森 文夫	Polarization Dependent Soft X-ray Emission Spectroscopy of Cobalt Nano-Islands on a Nitrogen-Adsorbed Cu(001) Surface
19195	Kazuo Soda	184 (2011) 236-239	2009A1672	BL27SU	曾田 一雄	Soft X-ray Photoemission Study of Thermoelectric Alloys Fe _{2-x} Ir _y V _{1+x} Al and Fe _{2-x} V _{1+x-y} Ti _y Al
			2009B1729	BL27SU	曾田 一雄	
19206	Kiyohiko Tabayashi	184 (2011) 134-139	2006A1611	BL27SU	田林 清彦	Core-electron Excitation and Fragmentation Processes of Hydrogen Bonded Acetic-acid Clusters in the Oxygen K-edge Region
			2006B1183	BL27SU	田林 清彦	
19272	Shuichi Kasai	156-158 (2007) 441-444	2000A0052	BL25SU	今田 真	Bulk Valence Band of Ce(Pd _{1-x} Cu _x) ₃ Studied by 3d → 4f Resonant Photoemission
			2001A0159	BL25SU	今田 真	
			2001B0561	BL25SU	今田 真	
19278	Shigemasa Suga	181 (2010) 48-55	2005B0234	BL25SU	関山 明	Soft X-ray ARPES and Fermiology of Strongly Correlated Electron Systems and PES by Hard X-ray and Extremely Low Energy Photons
			2003A4009	BL25SU	菅 滋正	
			2003B5009	BL25SU	菅 滋正	
			2004A6009	BL25SU	菅 滋正	
			2006A1169	BL25SU	菅 滋正	
			2007A1005	BL25SU	菅 滋正	
			2007B1002	BL25SU	関山 明	
2008A1061	BL25SU	関山 明				
19355	Shin Imada	156-158 (2007) 436-440	2003B0487	BL25SU	今田 真	Electronic and Magnetic States of Ce 4f Electrons in CeRh ₃ B ₂

The Journal of Physical Chemistry C

18944	Frederik Tielens	114 (2010) 9923-9930	2009B1398	BL01B1	宍戸 哲也	What Do Tantalum Framework Sites Look Like in Zeolites? A Combined Theoretical and Experimental Investigation
18945	Frederik Tielens	114 (2010) 3140-3147	2009B1398	BL01B1	宍戸 哲也	What Do the Niobium Framework Sites Look Like in Redox Zeolites? A Combined Theoretical and Experimental Investigation
19187	Masafumi Harada	115 (2011) 14081-14092	2009B1174	BL45XU	原田 雅史	Nucleation and Growth of Metal Nanoparticles during Photoreduction Using In Situ Time-Resolved SAXS Analysis
			2010B1189	BL45XU	原田 雅史	
19265	Takahiro Ohkubo	115 (2011) 14954-14959	2009B1765	BL02B2	大久保 貴広	Actual Structure of Dissolved Zinc Ion Restricted in Less Than 1 Nanometer Micropores of Carbon
19293	Taisuke Ono	115 (2011) 10284-10291	2008B1544	BL04B2	坪田 雅己	Ammonia Desorption Property and Structural Changes of LiAl(NH ₂) ₄ on Thermal Decomposition
			2008B2101	BL19B2	坪田 雅己	
			2009B1715	BL04B2	小野 泰輔	
19615	Huogen Yu	114 (2010) 16481-16487	2009B1006	BL14B2	黒田 靖	An Efficient Visible-Light-Sensitive Fe(III)-Grafted TiO ₂ Photocatalyst

Journal of the American Chemical Society

19261	Atsushi Kondo	133 (2011) 10512-10522	2006B1588	BL02B2	加納 博文	Super Flexibility of a 2D Cu-Based Porous Coordination Framework on Gas Adsorption in Comparison with a 3D Framework of Identical Composition: Framework Dimensionality-Dependent Gas Adsorptivities
19344	Daishi Fujita	133 (2011) 13317-13319	2010B1423	BL38B1	佐藤 宗太	Self-Assembly of Pt(II) Spherical Complexes via Temporary Labilization of the Metal-Ligand Association in 2,2,2-Trifluoroethanol
			2011A1802	BL38B1	佐藤 宗太	
			2011A1102	BL38B1	佐藤 宗太	
19402	Javier Marti-Rujas	133 (2011) 5853-5860	2008A1938	BL19B2	河野 正規	Dramatic Structural Rearrangements in Porous Coordination Networks
			2008A1843	BL02B2	橋爪 大輔	
19430	Kyungmin Choi	133 (2011) 11920-11923	2010A1664	BL02B2	姜 正九	Heterogeneity within Order in Crystals of a Porous Metal-Organic Framework
19529	Masafumi Takesue	133 (2011) 14164-14167	2008B3300	BL08B2	桑本 滋生	Size of Elementary Clusters and Process Period in Silver Nanoparticle Formation
			2008A3300	BL08B2	桑本 滋生	
			2007B3300	BL08B2	桑本 滋生	
			2007A3300	BL08B2	桑本 滋生	

Applied Physics Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
18567	Fumitaro Ishikawa	98 (2011) 121915	2008B1926	BL46XU	石川 史太郎	Direct Observation of N-(group V) Bonding Defects in Dilute Nitride Semiconductors Using Hard X-ray Photoelectron Spectroscopy
19124	Kazunori Nishio	98 (2011) 242113	2010A4603	BL15XU	角谷 正友	Delta-doped Epitaxial La:SrTiO ₃ Field-effect Transistor
19169	Heiji Watanabe	99 (2011) 021907	2010A3876	BL23SU	渡部 平司	Synchrotron X-ray Photoelectron Spectroscopy Study on Thermally Grown SiO ₂ /4H-SiC(0001) Interface and its Correlation with Electrical Properties
19305	Babulal Ahuja	99 (2011) 062512	2010A1111	BL08W	Ahuja Babulal	On the Role of Al Doping in La _{0.7} Ca _{0.3} MnO ₃ : A Magnetic Compton Scattering Study

Japanese Journal of Applied Physics

18423	Kouichi Hayashi	50 (2011) 01BF05	2009A1070	BL39XU	細川 伸也	Three Dimensional Local Structure Analysis of ZnSnAs ₂ : Mn by X-ray Fluorescence Holography
			2009A1098	BL39XU	内富 直隆	
19177	Kei Imaizumi	50 (2011) 070105	2010B3878	BL23SU	末光 眞希	Oxygen-Induced Reduction of the Graphitization Temperature of SiC Surface
19178	Ryota Takahashi	50 (2011) 070103	2010B3878	BL23SU	末光 眞希	Low-Energy-Electron-Diffraction and X-ray-Phototelectron-Spectroscopy Studies of Graphitization of 3C-SiC(111) Thin Film on Si(111) Substrate
19325	Yuki Utsumi	50 (2011) 05FC10	2008B1370	BL02B1	内海 有希	Synchrotron Radiation Diffraction Study of YbInCu ₄

Journal of Applied Physics

18683	Takeshi Sakai	109 (2011) 084912	2010A0028	BL10XU	大谷 栄治	Equation of State of the NaCl-B2 Phase up to 304 GPa
			2010B0028	BL10XU	大谷 栄治	
19182	Alpa Dashora	110 (2011) 013920	2009B1416	BL08W	Ahuja Babulal	Temperature and Field Dependent Magnetic Compton Scattering Study of Heusler Alloy Co ₂ MnSi
19209	Koshi Takenaka	110 (2011) 023909	2009A1687	BL25SU	竹中 康司	Magnetic State of Mn ₃ CuN Explored by Soft X Ray Magnetic Circular Dichroism
			2009B1744	BL25SU	竹中 康司	
19610	Ryoma Hayakawa	110 (2011) 064103	2007A4602	BL15XU	早川 竜馬	Structural analysis and Electrical Properties of Pure Ge ₃ N ₄ Dielectric Layers Formed by an Atmospheric-pressure Nitrogen Plasma
			2007B4606	BL15XU	早川 竜馬	

Acta Crystallographica Section F

18363	Seiki Baba	5 (2010) 563-566	2008B1506	BL38B1	染谷 龍彦	Expression, Crystallization and Preliminary Crystallographic Analysis of RNA-binding Protein Hfq (YmaH) from <i>Bacillus subtilis</i> in Complex with an RNA Aptamer
18418	Nobuyuki Shibata	66 (2010) 456-459	2009B1577	BL41XU	平野 良憲	Crystallization of the Plant Hormone Receptors PYL9/RCAR1, PYL5/RCAR8 and PYR1/RCAR11 in the Presence of (+)-abscisic Acid
			2009A1247	BL41XU	平野 良憲	
19117	Yuichiro Kezuka	65 (2009) 1267-1270	2008A1221	BL38B1	野中 孝昌	Purification, Crystallization and Preliminary X-ray Analysis of a Deletion Mutant of a Major Buckwheat Allergen

AIP Conference Proceedings

19214	Kunihisa Sugimoto	1234 (2010) 887-890	2009A1250	BL02B1	杉本 邦久	Extremely High Resolution Single Crystal Diffractometry for Orbital Resolution using High Energy Synchrotron Radiation at SPring-8
			2008B0093	BL02B1	西堀 英治	
19427	James Pearson	1266 (2010) 84-88	2007B1331	BL28B2	James Pearson	Benefits of Synchrotron Microangiography for Dynamic Studies of Smooth Muscle and Endothelial Roles in the Pathophysiology of Vascular Disease
19442	Stephen Dubsky	1266 (2010) 35-38	2008B1969	BL20XU	Fouras Andreas	Computed Tomographic X-ray Velocimetry

The EMBO Journal

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
19408	Yoshinori Hirano	30 (2011) 2734-2747	2010A1386	BL41XU	平野 良憲	Structural Basis of Cargo Recognition by the Myosin-X MyTH4-FERM Domain
			2010A6533	BL44XU	平野 良憲	
			2010B6533	BL44XU	平野 良憲	
19576	Tsuyoshi Waku	29 (2010) 3395-3407	2010A1211	BL38B1	大山 拓次	The Nuclear Receptor PPAR γ Individually Responds to Serotonin- and Fatty Acid-Metabolites
19660	Yasuhiko Sato	29 (2010) 4083-4093	2009B1568	BL41XU	中津 亨	Structural Basis for Docking of Peroxisomal Membrane Protein Carrier Pex19p onto its Receptor Pex3p

e-Journal of Surface Science and Nanotechnology

19294	Wataru Yashiro	9 (2011) 47-50	2007A1695	BL09XU	矢代 航	Mesoscopic-Scale and Small Strain Field beneath SiO ₂ /Si Interface Revealed by a Multiple-Wave X-ray Diffraction Phenomenon - Depth of the Strain Field
			2007B1076	BL09XU	矢代 航	
			2008A1466	BL09XU	矢代 航	
			2009A1072	BL09XU	矢代 航	
19329	Kentaro Goto	9 (2011) 311-314	2009B7405	BL07LSU	大門 寛	Development of Display-Type Ellipsoidal Mesh Analyzer
			2010A7406	BL07LSU	大門 寛	
19629	Kojiro Mimura	9 (2011) 273-276	2009A4136	BL12B2	細川 伸也	Three Dimensional Atomic Image of TlInSe ₂ by X-ray Fluorescence Holography
			2009B4139	BL12B2	細川 伸也	
			2010A4130	BL12B2	細川 伸也	

Journal of Physics: Condensed Matter

19264	Andrew James Princep	23 (2011) 266002	2003B0258	BL25SU	中村 哲也	Triakontadipole and High-Order Dysprosium Multipoles in the Antiferromagnetic Phase of DyB ₂ C ₂
19354	Shin Imada	19 (2007) 125204	2001A0158	BL25SU	難波 孝夫	Soft X-ray Spectroscopy and Microspectroscopy of Correlated Materials: Photoemission and Magnetic Circular Dichroism
			2002A0433	BL25SU	今田 真	
			1999A0319	BL25SU	Kirschner Jurgen	
			1999A0315	BL25SU	関山 明	
19511	Babulal Ahuja	23 (2011) 386002	2010B1394	BL08W	Ahuja Babulal	A Magnetic Compton Scattering Study of Ga Rich Co-Ni-Ga Ferromagnetic Shape Memory Alloys

Journal of Synchrotron Radiation

19347	Yusuke Tamenori	18 (2011) 747-752	2009A2014	BL27SU	為則 雄祐	Two-dimensional Approach to Fluorescence Yield XANES Measurement using a Silicon Drift Detector
			2009B1999	BL27SU	為則 雄祐	
			2010A1104	BL27SU	為則 雄祐	
19441	Charlene S. Chua	17 (2010) 624-630	2009B1910	BL20XU	Fouras Andreas	An Asynchronous High-Speed Synchrotron Shutter
19501	Aya Sato	18 (2011) 6-10	2009B1159	BL38B1	高野 和文	Crystal Structure of Stable Protein, CutA1, from Psychrotrophic Bacterium <i>Shewanella</i> sp. SIB1

Materials Science Forum

19647	Yoshihisa Sakaida	652 (2010) 31-36	2008B2030	BL46XU	坂井田 喜久	Residual Stress Evaluation of Carburized Transmission Steel Gear Using Neutron and Synchrotron X-ray Diffraction and Finite Element Methods
19648	Yoshihisa Sakaida	571-572 (2008) 243-248	2003A0543	BL09XU	坂井田 喜久	Two-Dimensional Mapping of Crack-Face Bridging Stresses in Alumina Using Synchrotron Micro X-Ray Beam
			2004A0273	BL09XU	坂井田 喜久	
			2007A1688	BL09XU	坂井田 喜久	
19649	Yoshihisa Sakaida	490-491 (2005) 35-40	2003A0543	BL09XU	坂井田 喜久	Evaluation of Local Stress Distribution Near Notch And Crack Tips in Al ₂ O ₃ By Synchrotron Radiation

Nature

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
18268	Xiang Gao	463 (2010) 828-832	2008A0019	BL41XU	Yan Nieng	Mechanism of Substrate Recognition and Transport by an Amino Acid Antiporter
19363	Ken-ichiro Taoka	476 (2011) 332-335	2011A1890	BL41XU	大木 出	14-3-3 Proteins Act as Intracellular Receptors for Rice Hd3a Florigen
			2010B1595	BL41XU	大木 出	
			2010B6509	BL44XU	大木 出	
			2010A1125	BL41XU	大木 出	
2010A6509	BL44XU	大木 出				
19422	Hiroaki Tachiwana	476 (2011) 232-235	2009A1211	BL41XU	胡桃坂 仁志	Crystal Structure of the Human Centromeric Nucleosome Containing CENP-A

Nuclear Instruments and Methods in Physics Research Section A

19459	Hidenori Toyokawa	636 (2011) S218-S221	2006A1780	BL46XU	豊川 秀訓	Si and CdTe Pixel Detector Developments at SPring-8
			2008A2015	BL46XU	佐藤 悟朗	
			2009B1866	BL46XU	佐藤 悟朗	
19460	Hidenori Toyokawa	650 (2011) 84-87	2009B1341	BL28B2	梶原 堅太郎	Energy-resolved X-ray Imaging Method with a Counting-type Pixel Detector
			2009B1866	BL46XU	佐藤 真直	
			2010A1964	BL14B2	豊川 秀訓	
			2010B1401	BL28B2	梶原 堅太郎	
19472	Toko Hirono	650 (2011) 88-91	2010A1964	BL14B2	豊川 秀訓	Development of a CdTe Pixel Detector with a Window Comparator ASIC for High Energy X-ray Applications
			2006A1780	BL46XU	豊川 秀訓	

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

18008	Song-qing Hu	107 (2010) 17957-17961	2010A1045	BL45XU	姚 閔	Structure of Bacterial Cellulose Synthase Subunit D Octamer with Four Inner Passageways
19549	Shinji Kohara	108 (2011) 14780-14785	2006B1461	BL04B2	小原 真司	Relationship between Topological Order and Glass Forming Ability in Densely Packed Enstatite and Forsterite Composition Glasses
19659	Eiji Ohtani	188 (2011) 463-466	2009B0028	BL10XU	大谷 栄治	Coesite and Stishovite in a Shocked Lunar Meteorite, Asuka-881757, and Impact Events in Lunar Surface

Acta Crystallographica Section D

18371	Naoki Horikoshi	67 (2011) 112-118	2010A1206	BL41XU	胡桃坂 仁志	Structural and Biochemical Analyses of the Human PAD4 Variant Encoded by a Functional Haplotype Gene
18880	Hiroaki Tachiwana	67 (2011) 578-583	2010B1375	BL41XU	胡桃坂 仁志	Structures of Human Nucleosomes Containing Major Histone H3 Variants

Chemistry of Materials

19375	Yoshihiro Tsumimoto	23 (2011) 3652-3658	2010B4505	BL15XU	辻本 吉廣	Topotactic Synthesis and Crystal Structure of a Highly Fluorinated Ruddlesden-Popper Type Iron Oxide, $\text{Sr}_3\text{Fe}_2\text{O}_{5+x}\text{F}_{2-x}$ ($x \sim 0.44$)
			2011A4502	BL15XU	辻本 吉廣	
19528	Masatomo Yashima	23 (2011) 3135-3137	2011A1442	BL02B2	八島 正知	Evidence for (Bi,Pb)-O Covalency in the High T_C Ferroelectric PbTiO_3 - BiFeO_3 with Large Tetragonality
			2010B1788	BL02B2	伊藤 孝憲	

IBM Journal of Research and Development

19356	Ryosuke Yamaguchi	55 (2011) 12	2007A1884	BL25SU	野崎 洋	An XMCD-PEEM Study on Magnetized Dy-doped Nd-Fe-B Permanent Magnets
			2007B1838	BL17SU	高田 幸生	
			2008A1838	BL17SU	野崎 洋	
			2008B1954	BL17SU	福本 恵紀	
19471	Masato Kotsugi	55 (2011) 13	2004A0371	BL25SU	小嗣 真人	Direct Metallographic Analysis of an Iron Meteorite using Hard X-ray Photoelectron Emission Microscopy
			2004B0738	BL39XU	小嗣 真人	
			2005A0633	BL39XU	小嗣 真人	

Inorganic Chemistry

19152	Fengxia Geng	50 (2011) 6667-6672	2007B4800	BL15XU	小林 啓介	A Structural Study of a Series of Layered Rare-Earth Hydroxide Sulfates
19353	Alexei Belik	70 (2011) 7685-7689	2009A4800	BL15XU	小林 啓介	Low-Temperature Vacuum Reduction of BiMnO_3
			2009B4505	BL15XU	Belik Alexei	

The Journal of Biochemistry

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
18364	Gen-ichi Sampei	148 (2010) 429-438	2004A0721	BL41XU	河合 剛太	Crystal Structures of Glycinamide Ribonucleotide Synthetase, PurD, from Thermophilic Eubacteria
			2008A1120	BL38B1	馬場 清喜	
			理研	BL26B1		
			理研	BL26B2		
19509	Dong-Ju You	142 (2007) 507-516	2005B0017	BL38B1	金谷 茂則	Protein Thermostabilization Requires a Fine-tuned Placement of Surface-charged Residues
			2005A0784	BL41XU	金谷 茂則	
			C05A7209	BL44XU	金谷 茂則	

The Journal of Biological Chemistry

15987	Kousuke Oda	285 (2010) 1446-1456	2006A2702	BL41XU	杉山 政則	Catalytic Mechanism of Bleomycin <i>N</i> -acetyltransferase Proposed on the Basis of Its Crystal Structure
			2006B1648	BL38B1	杉山 政則	
			2006B2648	BL41XU	杉山 政則	
19144	Hyun-Jung An	286 (2011) 11226-11235	2009B1377	BL41XU	Lee Jie-Oh	Crystallographic and Mutational Analysis of the CD40-CD154 Complex and Its Implications for Receptor Activation

Materials Transactions

19054	Susumu Kajita	52 (2011) 1349-1355	2008B1074	BL04B2	梶田 進	Structural Analysis of Pd-Cu-Si Metallic Glassy Alloy Thin Films with Varying Glass Transition Temperature
			2009A1078	BL04B2	梶田 進	
19362	Susumu Kajita	52 (2011) 1807-1813	2008B1074	BL04B2	梶田 進	Effect of Composition and Microstructure of Pd-Cu-Si Metallic Glassy Alloy Thin Films on Hydrogen Absorbing Properties
			2009A1078	BL04B2	梶田 進	

Philosophical Magazine

18083	Tsutomu Ishimasa	91 (2011) 2594-2602	2008B1255	BL02B2	石政 勉	Crystal Structure of 1/0-2/1-1/0 Cu-Al-Sc Approximant
18084	Hayato Iga	91 (2011) 2624-2633	2010A1094	BL02B2	石政 勉	Approximant of Dodecagonal Quasicrystal Formed in Mn-Si-V

Physical Chemistry Chemical Physics

19601	Mizuki Tada	13 (2011) 14910-14913	2010A1408	BL37XU	唯 美津木	μ -XAFS of a Single Particle of a Practical NiO _x /Ce ₂ Zr ₂ O _y Catalyst
19756	Takashi Tsuchiya	13 (2011) 17013-17018	2010B1791	BL14B2	今井 英人	X-Ray Absorption, Photoemission Spectroscopy, and Raman Scattering Analysis of Amorphous Tantalum Oxide with a Large Extent of Oxygen Nonstoichiometry

Physical Review A

19404	Yasen Velkov	79 (2009) 022508	2006B1500	BL27SU	繁政 英治	X-ray-absorption Spectroscopy beyond the Natural Width Measured in Partial Auger Yield Mode
			2007A1866	BL27SU	繁政 英治	
19411	Takao Ouchi	83 (2011) 053415	2009B1207	BL27SU	樋口 格	Interatomic Coulombic Decay Following Ne 1s Auger Decay in NeAr
			2009B1251	BL27SU	福澤 宏宣	

Physics and Chemistry of Minerals

18455	Takeshi Sakai	37 (2010) 487-496	2009B0028	BL10XU	大谷 栄治	Fe-Mg Partitioning between Post-Perovskite and Ferropericlaite in the Lowermost Mantle
			2007A1678	BL10XU	大谷 栄治	
			2007A2090	BL10XU	大谷 栄治	
			2006B1094	BL10XU	大谷 栄治	
19212	Steeve Gréaux	38 (2011) 581-590	2010A1326	BL04B1	Gréaux Steeve	<i>P-V-T</i> Equation of State of CaAl ₄ Si ₂ O ₁₁ CAS Phase

Review of Scientific Instruments

19303	Masato Hoshino	82 (2011) 073706	2009B1498	BL20XU	星野 真人	Development of X-ray Laminography under an X-ray Microscopic Condition
19446	Takayuki Muro	81 (2010) 043901	2009A2017	BL27SU	室 隆桂之	Ultrahigh-Vacuum Cleaving System for Sub-100- μ m Crystals

Science

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
19609	Akira Tsuchiyama	333 (2011) 1125-1128	2010B1531	BL47XU	土山 明	Three-Dimensional Structure of Hayabusa Samples: Origin and Evolution of Itokawa Regolith
			2010A1419	BL47XU	土山 明	
19611	Tomoki Nakamura	333 (2011) 1113-1116	2010A1419	BL47XU	土山 明	Itokawa Dust Particles: A Direct Link Between S-Type Asteroids and Ordinary Chondrites
			2010B1531	BL47XU	土山 明	

Surface and Interface Analysis

17829	Masatoshi Sakairi	42 (2010) 215-220	2007A1900	BL46XU	坂入 正敏	The Influence of Initial Surface Conditions on Field Crystallization of Anodic Aluminum Oxide Films Determined by Synchrotron X-ray Diffraction
19203	FangZhun Guo	38 (2006) 1604-1606	2005B0726	BL25SU	松井 文彦	Photoelectron Angular Distribution of 2H-NbSe ₂ Studied by Display-Type Spherical Mirror Analyzer and Circularly Polarized Light
			2005A0540	BL25SU	大門 寛	

ACS NANO

12968	Yasuhiro Ito	1 (2007) 456-462	2005A0276	BL25SU	篠原 久典	Enhanced 1520 nm Photoluminescence from Er ³⁺ Ions in Di-erbium-carbide Metallofullerenes (Er ₂ C ₂)@C ₈₂ (Isomers I, II, and III)
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Acta Crystallographica Section A

19464	Helle Svendsen	66 (2010) 468-469	2009A0084	BL02B2	久保田 佳基	Multipole Electron-Density Modelling of Synchrotron Powder Diffraction Data: the Case of Diamond
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Advances in X-ray Analysis

19409	Kenichi Kato	51 (2008) 36-41	2005B0997	BL02B2	加藤 健一	High-Throughput System for Synchrotron X-ray Powder Diffractometry
			2006B1301	BL02B2	加藤 健一	

American Mineralogist

19138	Keisuke Nishida	96 (2011) 864-868	2006B3710	BL22XU	浦川 啓	Density Measurement of Liquid FeS at High Pressures using Synchrotron X-ray Absorption
			2007A3709	BL22XU	浦川 啓	
			2007B3707	BL22XU	浦川 啓	
			2010A3783	BL22XU	大谷 栄治	
			2010B3784	BL22XU	大谷 栄治	

Annals of Biomedical Engineering

19440	Robert Jamison	39 (2011) 1643-1653	2009B1910	BL20XU	Fouras Andreas	X-ray Velocimetry and Haemodynamic Forces within a Stenosed Femoral Model at Physiological Flow Rates
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Applied Catalysis B

19399	WongJong Hong	106 (2011) 142-148	2010A5351	BL16B2	出口 博史	Effect of Fe Content on Physical Properties of BaO- CeO _x -FeO _y Catalysts for Direct NO Decomposition
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Applied Physics Express

19474	Masato Kotsugi	3 (2010) 013001	2004A0371	BL25SU	小嗣 真人	Novel Magnetic Domain Structure in Iron Meteorite Induced by the Presence of L1 ₀ -type FeNi
			2004B0738	BL39XU	小嗣 真人	
			2005A0633	BL39XU	小嗣 真人	

Applied Surface Science

19204	Kanao Inaji	254 (2008) 7549-7552	2006A1688	BL25SU	松井 文彦	Circular Dichroism of forward Focusing Peaks in 2π Steradia Photoelectron Pattern
			2005B0647	BL25SU	大門 寛	

Biochimica et Biophysica Acta - Proteins and Proteomics

18301	Izuru Ohki	1814 (2011) 345-354	2010B1595	BL41XU	大木 出	Surface Plasmon Resonance Study on Functional Significance of Clustered Organization of Lectin-like Oxidized LDL Receptor (LOX-1)
			2010B6509	BL44XU	大木 出	
			2010A1125	BL41XU	大木 出	
			2010A6509	BL44XU	大木 出	

Biopolymers

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
19160	Kenji Okuyama	95 (2011) 628-640	2009A6913	BL44XU	奥山 健二	Stabilization of Triple-Helical Structures of Collagen Peptides Containing a Hyp-Thr-Gly, Hyp-Val-Gly, or Hyp-Ser-Gly Sequence
			2009B6913	BL44XU	奥山 健二	
			2008A6809	BL44XU	奥山 健二	
			2008B6809	BL44XU	奥山 健二	

BMC Biology

19577	Takuji Oyama	9 (2011) 28	2011A1067	BL38B1	大山 拓次	Architectures of Archaeal GINS Complexes, Essential DNA Replication Initiation Factors
			2010B1155	BL38B1	大山 拓次	
			2010A1213	BL38B1	大山 拓次	

Catalysis Letters

19395	Tsunenori Watanabe	141 (2011) 1338-1344	2010A5351	BL16B2	出口 博史	Enhancement of the Activities of γ -Ga ₂ O ₃ -Al ₂ O ₃ Catalysts for Methane-SCR of NO by Treatment with NH ₃
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Cement and Concrete Research

18405	Takafumi Sugiyama	40 (2010) 1265-1270	2007A1951	BL20XU	人見 尚	Application of Synchrotron Microtomography for Pore Structure Characterization of Deteriorated Cementitious Materials Due to Leaching
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Chemical Communications

19719	Masahiro Sadakane	47 (2011) 10812-10814	2009B1336	BL01B1	定金 正洋	Redox Tunable Reversible Molecular Sieves: Orthorhombic Molybdenum Vanadium Oxide
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Chemical Physics Letters

19385	Yasen Velkov	465 (2008) 153-156	2007A1866	BL27SU	繁政 英治	X-ray Absorption Spectroscopy Measured in Resonant X-ray Scattering Mode: How Unnatural is the Resolution Beyond the Natural Width?
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Chemistry - A European Journal

19564	Yusuke Mikami	17 (2011) 1768-1772	2009B1506	BL01B1	金田 清臣	Highly Efficient Gold Nanoparticle Catalyzed Deoxygenation of Amides, Sulfoxides, and Pyridine N-oxides
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Chemistry Letters

19558	Yusuke Takahashi	40 (2011) 405-407	2010B1100	BL01B1	金田 清臣	Highly Efficient Pd/SiO ₂ -dimethyl Sulfoxide Catalyst System for Selective Semihydrogenation of Alkynes
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ChemPhysChem

18385	Junya Ohyama	12 (2011) 127-131	2009A1663	BL40XU	大山 順也	In Situ Observation of Nucleation and Growth Process of Gold Nanoparticles by Quick XAFS Spectroscopy
			2009B1712	BL40XU	大山 順也	

Earth and Planetary Science Letters

18457	Seiji Kamada	294 (2010) 94-100	2009B0028	BL10XU	大谷 栄治	Phase Relationship of the Fe-FeS System in Conditions up to the Earth's Outer Core
			2009A1463	BL10XU	境 毅	
			2008B1625	BL10XU	境 毅	
			2008A1601	BL10XU	境 毅	
			2009A1570	BL10XU	大谷 栄治	
			2008A1144	BL10XU	大谷 栄治	

Electrical Engineering in Japan

19343	Makoto Souwa	175 (2011) 43-47	2007B3808	BL23SU	岡田 美智雄	Photoemission Study on Natural Oxidation of Cu ₃ Au with Synchrotron Radiation
			2007A3807	BL23SU	寺岡 有殿	

Electrochemistry

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
19620	Masashi Mori	79 (2011) 688-695	2009A1797	BL19B2	伊藤 孝憲	Pore Formation during Sintering of (Sr _{0.9} La _{0.1}) _{1-x} TiO _{3+δ} Perovskites (x=0, 0.04) Synthesized by the Pechini Method

Environmental Science & Technology

19537	Takashi Fujimori	45 (2011) 7678-7684	2000B0309	BL01B1	高岡 昌輝	Role of Zinc in MSW Fly Ash during Formation of Chlorinated Aromatics
			2001A0367	BL01B1	高岡 昌輝	
			2004A0040	BL01B1	高岡 昌輝	

Europhysics Letters

19638	Takayoshi Ito	84 (2008) 26002	2006A0010	BL02B1	寺崎 一郎	Temperature and Electric-current Dependence of Charge-ordered Domains in θ -(BEDT-TTF) ₂ CsZn(SCN) ₄
			2006B0010	BL02B1	寺崎 一郎	
			2007A0010	BL02B1	寺崎 一郎	

Geochimica et Cosmochimica Acta

19425	Teruhiko Kashiwabara	75 (2011) 5762-5784	2009A1668	BL01B1	柏原 輝彦	Molecular-scale Mechanisms of Distribution and Isotopic Fractionation of Molybdenum between Seawater and Ferromanganese Oxides
			2009B1383	BL01B1	高橋 嘉夫	
			2009B1720	BL37XU	柏原 輝彦	
			2010A1612	BL01B1	柏原 輝彦	

Geology

19665	Konstantin Litasov	38 (2011) 1131-1134	2007A1701	BL04B1	大谷 栄治	Origin of Cl-bearing Silica-rich Melt Inclusions in Diamonds: Experimental Evidence for an Eclogite Connection
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Geophysical Research Letters

18704	Takeshi Sakai	38 (2011) L09302	2010A0028	BL10XU	大谷 栄治	Stability Field of the hcp-structure for Fe, Fe-Ni, and Fe-Ni-Si Alloys up to 3 Mbar
			2009B0028	BL10XU	大谷 栄治	
			2009A1570	BL10XU	大谷 栄治	
			2009A1463	BL10XU	境 毅	

High Pressure Research

19608	Hiroyuki Saitoh	31 (2011) 407-412	2010B3602	BL14B1	齋藤 寛之	High Pressure and High Temperature Generation using Small-Sized Cubic-Type Multi-Anvil Apparatus
			2010A3602	BL14B1	齋藤 寛之	

Journal of Analytical Atomic Spectrometry

19320	Hisashi Hayashi	26 (2011) 1858-1862	2010B1127	BL39XU	林 久史	Oxidation State Sensitivity of Eu L _γ ₄ Emission and its Applications to Oxidation State Selective EXAFS Spectroscopy of EuPd ₂ Si ₂
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Journal of Applied Geophysics

19202	Yoshito Nakashima	75 (2011) 31-41	2001B0501	BL20B2	中島 善人	Accuracy of Formation Factors for Three-Dimensional Pore-Scale Images of Geo-Materials Estimated by Renormalization Technique
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Journal of Chemical Physics

19397	Yasumasa Hikosaka	133 (2010) 154315	2007B1651	BL27SU	繁政 英治	Dissociation of Core-valence Doubly Excited States in NO Followed by Atomic Auger Decay
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Journal of Electronics Packaging

19542	Hiroyuki Tsuritani	133 (2011) 021007	2005B0767	BL47XU	高柳 毅	Application of Synchrotron Radiation X-ray Microtomography to Nondestructive Evaluation of Thermal Fatigue Damage in Flip Chip Interconnects
			2006A0108	BL20XU	高柳 毅	

Journal of Experimental and Theoretical Physics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
19279	I. A. Nekrasov	110 (2010) 989-994	2003A4009	BL25SU	菅 滋正	ARPES Spectral Functions and Fermi Surface for $\text{La}_{1.86}\text{Sr}_{0.14}\text{CuO}_4$ Compared with LDA + DMFT + Σ_k Calculations
			2003B5009	BL25SU	菅 滋正	
			2004A6009	BL25SU	菅 滋正	
			2005B0234	BL25SU	関山 明	
			2007B1002	BL25SU	関山 明	

Journal of Magnetism and Magnetic Materials

19308	Shin Imada	310 (2007) 1857-1858	1999A0318	BL25SU	今田 真	Composition Dependence of Ni Magnetic Moment in Ni-Mn-based Heusler-type Intermetallic Compounds
			2000A0052	BL25SU	今田 真	
			2001A0159	BL25SU	今田 真	
			2005B0710	BL25SU	今田 真	

Journal of Materials Chemistry

19267	Vadim Brazhkin	21 (2011) 10442-10447	2009B1056	BL04B2	Brazhkin Vadim	Densified Low-Hygroscopic Form of P_2O_5 Glass
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Journal of Medical Chemistry

19578	Masao Ohashi	54 (2011) 331-341	2010B1155	BL38B1	大山 拓次	Design, Synthesis, and Structural Analysis of Phenylpropanoic Acid-Type PPAR γ -Selective Agonists: Discovery of Reversed Stereochemistry-Activity Relationship
			2009B1340	BL38B1	大山 拓次	

Journal of Non-Crystalline Solids

19357	Makoto Matsuura	357 (2011) 3357-3360	2009B2028	BL14B2	福原 幹夫	Distorted Icosahedral $\text{Ni}_5\text{Nb}_3\text{Zr}_5$ Clusters in the As-Quenched and Hydrogenated Amorphous $(\text{Ni}_{0.6}\text{Nb}_{0.4})_{0.65}\text{Zr}_{0.35}$ Alloys
			2010A1029	BL01B1	松浦 真	

Journal of Pharmaceutical and Biomedical Analysis

19142	Hiroyuki Yamada	56 (2011) 448-453	2006B0128	BL19B2	寺田 勝英	Potential of Synchrotron X-ray Powder Diffractometry for Detection and Quantification of Small Amounts of Crystalline Drug Substances in Pharmaceutical Tablets
			2006B0129	BL19B2	寺田 勝英	
			2007B1958	BL19B2	三浦 圭子	

The Journal of Physical Chemistry A

19323	Shin-ichi Nagaoka	115 (2011) 8822-8831	2006A1176	BL27SU	Pruemper Georg	A Study to Control Chemical Reactions Using Si:2p Core Ionization: Site-Specific Fragmentation
			2006B1607	BL27SU	長岡 伸一	
			2007B1129	BL27SU	福澤 宏宣	

The Journal of Physical Chemistry B

19445	Tomohiro Isogai	115 (2011) 9593-9603	2009A1037	BL04B2	田坂 明政	Analysis of Cationic Structure in Some Room-Temperature Molten Fluorides and Dependence of Their Ionic Conductivity and Viscosity on Hydrofluoric Acid Concentration
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The Journal of Physical Chemistry Letters

19643	Daiko Takamatsu	2 (2011) 2511-2514	2009B1027	BL01B1	小久見 善八	Nanoscale Observation of the Electronic and Local Structures of LiCoO_2 Thin Film Electrode by Depth-Resolved X-ray Absorption Spectroscopy
			2010A1015	BL37XU	小久見 善八	
			2010A1016	BL01B1	小久見 善八	
			2010B1029	BL37XU	小久見 善八	
			2011A1012	BL37XU	小久見 善八	

Journal of Physics and Chemistry of Solids

19390	Atsuro Sumiyoshi	71 (2010) 569-571	2009A1325	BL02B2	木村 薫	Li-Intercalation into Hexagonal Boron Nitride
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Journal of Power Sources

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
19382	Masahiro Shikano	196 (2011) 6881-6883	2010A1443	BL27SU	鹿野 昌弘	X-ray Absorption Near-Edge Structure Study on Positive Electrodes of Degraded Lithium-Ion Battery

Journal of Solid State Chemistry

19180	Jun Kikuma	184 (2011) 2066-2074	2009B1788	BL19B2	松野 信也	Effects of Quartz Particle Size and Water-to-Solid Ratio on Hydrotherma Synthesis of Tobermorite Studied by in-situ Time-Resolved X-ray Diffraction
			2009B2015	BL19B2	松野 信也	
			2010A1694	BL19B2	松野 信也	
			2010A1831	BL19B2	松野 信也	

Journal of the Ceramic Society of Japan

19306	Kaku Satou	119 (2011) 605-608	2010B1230	BL04B2	脇原 徹	Effect of the Atomic Arrangement of Amorphized Zeolite on the Recrystallization Behavior to Crystalline Zeolite
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Journal of the Electrochemical Society

19181	Masanobu Izaki	158 (2011) D578-D584	2010A1741	BL14B2	伊崎 昌伸	Electrodeposition of 1.4-eV-Bandgap p-Copper (II) Oxide Film With Excellent Photoactivity
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Materials

19640	Tomohiro Suko	3 (2010) 2027-2036	2006B0010	BL02B1	寺崎 一郎	A Mechanism of DC-AC Conversion in the Organic Thyristor
			2007A0010	BL02B1	寺崎 一郎	
			2008A0010	BL02B1	寺崎 一郎	

Materials Science and Physics

19292	Huihua Liu	129 (2011) 488-494	2010A1322	BL40B2	中川 究也	Enzyme Encapsulation in Freeze-dried Bionanocomposites Prepared from Chitosan and Xanthan Gum Blend
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Meteoritics and Planetary Science

19612	Yousuke Iida	45 (2010) 1302-1319	2007A1521	BL47XU	土山 明	Three-dimensional Shapes and Fe Contents of Stardust Impact Tracks: A Track Formation Model and Estimation of Comet Wild 2 Coma Dust Particle Densities
			2007B1517	BL47XU	土山 明	

Nature Chemistry

19466	Shinobu Aoyagi	2 (2010) 678-683	2009A0083	BL02B1	澤 博	A Layered Ionic Crystal of Polar Li@C ₆₀ Superatoms
			2009B0083	BL02B1	澤 博	
			2008B0096	BL02B2	西堀 英治	

New Diamond and Frontier Carbon Technology

19201	Takayoshi Yokoya	17 (2007) 11-19	R04B0038	BL47XU	小林 啓介	Valence Band Electronic Structures of Heavily Boron-Doped Superconducting Diamond Studied by Synchrotron Photoemission Spectroscopy
			J04B0523	BL25SU	横谷 尚睦	
			J05A0521	BL25SU	横谷 尚睦	

Phase Transitions

19469	Toru Ozaki	84 (2011) 837-842	2007A1458	BL28B2	尾崎 徹	Spontaneous Strain of Conductive Strontium Titanate Sr _{1-x} La _x TiO ₃ Measured by using X-ray Topographic Domain Contrast
			2007B1204	BL28B2	尾崎 徹	

Philosophical Transactions of the Royal Society A

19372	By Joachim Barth	369 (2011) 3588-3601	2008A4905	BL15XU	Felser Claudia	Anomalous Transport Properties of the Half-metallic Ferromagnets Co ₂ TiSi, Co ₂ TiGe and Co ₂ TiSn
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Physica B

19467	Sachiko Maki	405 (2010) s321-s322	2009A0083	BL02B1	澤 博	Experimental Charge Density Study of (DBr-DCNQI) ₂ Cu for Metallic Phase by Synchrotron X-ray Diffraction
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Physica C

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
19210	Hiroyuki Okazaki	469 (2009) 1041-1044	2008A1740	BL25SU	岡崎 宏之	The Electronic Structure of Ca-intercalated Superconducting Graphite CaC ₆

Physica Status Solidi C

19119	Jungjin Kim	3 (2006) 1846-1849	2004A0565	BL47XU	牧野 久雄	Observation of a Filled Electronic State in the Conduction Band of InN
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Physics of the Earth and Planetary Interiors

18452	Eiji Ohtani	174 (2009) 1-2	2009B0028	BL10XU	大谷 栄治	Advances in High-pressure Mineral Physics: From the Deep Mantle to the Core
			2008A1144	BL10XU	大谷 栄治	

PLoS ONE

19194	Haruka Kameda	6 (2011) e21947	2010B1254	BL32XU	和田 啓	Mapping of Protein-Protein Interaction Sites in the Plant-Type [2Fe-2S] Ferredoxin
			2010B1368	BL38B1	和田 啓	

Powder Diffraction

19335	Jun Kikuma	26 (2011) 126-128	2008B1864	BL19B2	松野 信也	Development of an <i>in situ</i> X-ray Diffraction System for Hydrothermal Reactions and Its Application to Autoclaved Aerated Concrete Formation
			2009B1788	BL19B2	松野 信也	

Procedica Engineering

19208	Daiki Shiozawa	2 (2010) 1413-1419	2008B1922	BL19B2	中井 善一	Observation of Crack Propagation under Torsion Fatigue Tests by Synchrotron Radiation μ CT Imaging
			2009A1895	BL19B2	中井 善一	

Proteins: Structure, Function, and Bioinformatics

19391	Masatomo Makino	79 (2011) 1143-1153	2007A1220	BL41XU	永野 真吾	Crystal Structure of the Carbon Monoxide Complex of Human Cytochrome c
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Science and Technology of Advanced Materials

19139	Alexei Belik	12 (2011) 044610	2007A2087	BL02B2	Belik Alexei	Local Distortions in Multiferroic BiMnO ₃ as a Function of Doping
			2009A1136	BL02B2	Belik Alexei	
			2010A1215	BL02B2	Belik Alexei	

日本応用磁気学会誌 (Journal of the Magnetism Society of Japan)

19147	Masaki Mizuguchi	35 (2011) 370-373	2009A1935	BL46XU	水口 将輝	Artificial Fabrication and Order Parameter Estimation of L1 ₀ -ordered FeNi Thin Film Grown on a AuNi Buffer Layer
			2010A1776	BL46XU	水口 将輝	
			2010B1942	BL46XU	水口 将輝	

粉体および粉末冶金 (Journal of the Japan Society of Powder and Powder Metallurgy)

19417	Takasi Tokue	58 (2011) 176-180	2010A1202	BL02B2	神島 謙二	Crystal Structure and Magnetic Properties of the Carbon-based Ferromagnet Prepared by Pyrolytic Method under High Magnetic Field
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博士論文 (Uppsala University)

19171	Raimund Feifel	(2003)	2001B0120	BL27SU	Sorensen Stacey	Resonant and Non-resonant Electron Spectroscopy of Free Molecules and Free Clusters
19172	Ingela Hjelte	(2002)	2003A0016	BL27SU	Piancastelli Maria	Temporal Studies of Molecular Processes using Resonant Spectroscopy
19173	Oksana Travnikova	(2008)	2005B0131	BL27SU	Ceolin Denis	Structure and Dynamics of Core-excited Species
			2005B0132	BL27SU	Piancastelli Maria	
19175	Bao Zhuo	(2008)	2006A1228	BL27SU	Lischke Toralf	Synchrotron Radiation Studies of Free and Adsorbed Molecules
			2005B0209	BL27SU	Lischke Toralf	

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
19189	Hidenobu Murata	(2011)	2009A1533	BL01B1	田中 功	Local Atomic and Electronic Structures of Solutes in Hydroxyapatite
			2009B1536	BL01B1	田中 功	
			2010A1320	BL01B1	田中 功	
19767	Takashi Fujimori	(2010)	2005A0730	BL28B2	高岡 昌輝	都市ごみ焼却飛灰中の微量金属による芳香族有機塩素化合物の生成促進機構の解明
			2005B0439	BL01B1	高岡 昌輝	
			2007B1687	BL02B2	藤森 崇	
			2007B1540	BL01B1	高岡 昌輝	
			2006A1093	BL02B2	高岡 昌輝	
			2007A1798	BL01B1	藤森 崇	
			2008A1743	BL01B1	藤森 崇	
			2000B0309	BL01B1	高岡 昌輝	
			2001A0367	BL01B1	高岡 昌輝	
			2004A0040	BL01B1	高岡 昌輝	

博士論文 (東京大学)

19179	Yuya Shinohara	(2011)	2006A1570	BL40XU	篠原 佑也	Advanced Small Angle X-ray Scattering Applied to Rubbery Materials
			2006B1679	BL40XU	篠原 佑也	
			2007A1797	BL40XU	篠原 佑也	
			2008B1151	BL27SU	篠原 佑也	
			2008B1153	BL40XU	篠原 佑也	
			2008B1152	BL20B2	篠原 佑也	
			2009A1897	BL27SU	篠原 佑也	
			2009A1182	BL40XU	篠原 佑也	
			2009B1234	BL20B2	篠原 佑也	
			2009B1095	BL20XU	篠原 佑也	
			2009B1055	BL40XU	篠原 佑也	
			2005B0003	BL20XU	雨宮 慶幸	
			2005B0004	BL40B2	雨宮 慶幸	
			2006A0003	BL20XU	雨宮 慶幸	
			2006A0004	BL40B2	雨宮 慶幸	
			2006B0003	BL20XU	雨宮 慶幸	
			2006B0004	BL40B2	雨宮 慶幸	
			2007A0003	BL20XU	雨宮 慶幸	
			2007A0004	BL40B2	雨宮 慶幸	
			2007B0003	BL20XU	雨宮 慶幸	
2007B0004	BL40B2	雨宮 慶幸				
2008A0003	BL20XU	雨宮 慶幸				
2008A0004	BL40B2	雨宮 慶幸				
19346	Qing-Fu Sun	(2011)	2009B1967	BL38B1	佐藤 宗太	Virus Inspired Multi-Component Self-Assembly of Molecular Spheres
			2010A1012	BL38B1	藤田 誠	
			2010B1423	BL38B1	佐藤 宗太	
			2011A1802	BL38B1	佐藤 宗太	

博士論文 (東北大学)

19168	Takahide Kubota	(2010)	2007B1534	BL25SU	桜庭 裕弥	Magnetic and Spin Dependent Transport Properties of Highly Spin Polarized and Functional Heusler Alloy Thin Films
			2008B1007	BL25SU	安藤 康夫	
			2009A1446	BL25SU	安藤 康夫	
19345	Shinji Isogami	(2007)	2007A1976	BL25SU	角田 匡清	極微細CPP-MR素子の作製とスピントランスファー効果に関する研究

博士論文 (九州大学)

19625	Yuki Terayama	(2011)	2009B1005	BL40B2	寺山 友規	スルホベタイン型ポリマーブラシの精密分子設計とその水界面における膨潤挙動評価
			2009A1011	BL40B2	寺山 友規	
			2010A1003	BL40B2	寺山 友規	

博士論文 (総合研究大学院大学)

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
19176	Suomi Masuda	(2005)	2004A0088	BL27SU	下條 竜夫	簡単な分子の内殻励起状態に於ける価電子ダイナミクス

博士論文 (名古屋大学)

19655	Haruya Okimoto	(2008)	2006B1565	BL25SU	篠原 久典	Magnetic Studies on Endohedral Metallofullerenes using Synchrotron Soft X-ray Magnetic Circular Dichroism and Nuclear Magnetic Resonance
			2006A1620	BL25SU	篠原 久典	
			2007A2012	BL25SU	篠原 久典	
			2007B1732	BL25SU	篠原 久典	

博士論文 (北海道大学)

19105	Satoshi Yamada	(2011)	2010A1592	BL28B2	山田 悟史	Study on Stress Detection in Hierarchical Structure of Bone Tissue
			2010B1674	BL28B2	山田 悟史	

課題以外の成果として登録された論文

AIP Conference Proceedings

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	タイトル
14199	Takayuki Muro	879 (2007) 571-574	装置 & 技術	BL25SU	Status of the Twin Helical Undulator Soft X-ray Beamline at SPring-8: Performance for Circular Dichroism Measurements
19282	Mitsuhiro Masaki	1234 (2010) 560-563	挿入光源	BL05SS	Characterizations and Applications of the Insertion Device of the SPring-8 Diagnostics Beamline II

Physical Review B

19291	Kenji Ohwada	83 (2011) 224115	原研	BL22XU	Contribution of Intermediate Submicrometer Structures to Physical Properties Near T_c in $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ -9% PbTiO_3
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Physical Review Special Topics - Accelerators and Beams

19284	Mitsuhiro Masaki	12 (2009) 024002	加速器		Practical Method for Measurement and Compensation of Linear Coupling Driving Term
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X線分析の進歩 (Advances in X-ray Chemical Analysis, Japan)

19461	Hidenori Toyokawa	42 (2011) 95-110	装置 & 技術		Counting-type 1D and 2D Detector Developments at SPring-8
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博士論文 (東京大学)

19190	Sunyeo Ha	(2011)	理研	BL44B2	The Study of N-I Transition of the TTF-CA Molecular Crystal by Electrostatic Interaction Visualization
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