

最近 SPring-8 もしくは SACLA 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
利用推進部

SPring-8 もしくは SACLA 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26年4月～6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 2014 年 4 月～6 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 Physics: Conference Series	14	Angewandte Chemie International Edition	6
JPS Conference Proceedings	12	Chemical Communications	6
Physical Review B	12	Journal of the Physical Society of Japan	6
Journal of the American Chemical Society	11	Physical Review Letters	6
Japanese Journal of Applied Physics	10	Acta Crystallographica Section D	5
The Journal of Physical Chemistry C	7	Chemistry - A European Journal	5
Nature Communications	7	Inorganic Chemistry	5

他全 191 誌、計 391 報

Proceedings of the National Academy of Sciences of the United States of America-2

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
26539	Fumi Shima	110 (2013) 8182-8187	2009A1102	BL38B1	村岡 真	<i>In silico</i> Discovery of Small-Molecule Ras Inhibitors that Display Antitumor Activity by Blocking the Ras-effector Interaction

Scientific Reports

25323	Kazutaka Kudo	3 (2013) 03101	2012A0083	BL02B1	澤 博	Superconductivity in $\text{Ca}_{10}(\text{Ir}_4\text{As}_8)(\text{Fe}_2\text{As}_2)_5$ with Square-Planar Coordination of Iridium
			2012B0083	BL02B1	澤 博	
			2013A0083	BL02B1	澤 博	
			2013A1197	BL02B2	野原 実	
26569	Hirokazu Fukidome	4 (2014) 5173	2011B7418	BL07LSU	吹留 博一	Microscopically-Tuned Band Structure of Epitaxial Graphene through Interface and Stacking Variations Using Si Substrate Microfabrication
			2012A7425	BL07LSU	吹留 博一	
			2012B7435	BL07LSU	吹留 博一	
			2011A1646	BL17SU	吹留 博一	
2011B1877	BL17SU	吹留 博一				
26713	Felix Lehmkuehler	4 (2014) 5234	2013A8010	BL3	Lehmkuehler Felix	Single Shot Coherence Properties of the Free-Electron Laser SACLA in the Hard X-ray Regime

日本結晶学会誌 (Journal of the Crystallographic Society of Japan)

26140	Shinji Kohara	55 (2013) 356-361	2006B1461	BL04B2	小原 真司	Cage Structure for the Formation of Solvated Electrons in $\text{CaO-Al}_2\text{O}_3$ Glasses
			2008B1166	BL01B1	中平 敦	
26479	Junichi Yamaura	55 (2013) 116-120	理研	BL19LXU		Study of the Low-temperature Magnetic Structure of the 5d Transition Metal Pyrochlore Oxide
			2009B1200	BL02B1	大串 研也	
26482	Kenya Ohgushi	56 (2014) 36-42	理研	BL19LXU		Magnetic Structure of Post-Perovskite Compound CaIrO_3
			2009B1200	BL02B1	大串 研也	

AIP Advances

26342	Takayuki Shibata	3 (2013) 032104	2012A1094	BL02B2	守友 浩	Intrinsic Rapid Na^+ Intercalation Observed in Na_xCoO_2 Thin Films
			2011A1418	BL02B2	守友 浩	
26580	Masahiko Nishijima	4 (2014) 057129	2013B1715	BL14B2	松浦 真	Phase Transition from fcc to bcc Structure of the Cu-Clusters during Nanocrystallization of $\text{Fe}_{95.2}\text{Si}_1\text{B}_9\text{P}_4\text{Cu}_{0.8}$ Soft Magnetic Alloy
			2013A1641	BL14B2	松浦 真	

Calphad: Computer Coupling of Phase Diagrams and Thermochemistry

26764	Norbert Mattern	46 (2014) 103-107	2013B1081	BL04B2	水野 章敏	Experimental and Thermodynamics Assessment of the Nd-Zr System
26765	Norbert Mattern	46 (2014) 213-219	2013B1081	BL04B2	水野 章敏	Experimental and Thermodynamic Assessment of the Ce-Zr System

Catalysis Letters

25632	Hirofumi Ohtsuka	143 (2013) 1043-1050	2011B2006	BL14B2	大塚 浩文	Effects of Ru or Rh Addition on the Activity and Sulfur Tolerance of Pt/ZrO_2 for the Oxidation of Methane at Low Temperatures
			2012A1780	BL14B2	大塚 浩文	
26176	Meiqiang Fan	144 (2014) 843-849	2011B3806	BL23SU	許 亜	Catalytic Performance of Ni_3Sn and Ni_3Sn_2 for Hydrogen Production from Methanol Decomposition
			2012A3806	BL23SU	許 亜	
			2013A3873	BL23SU	許 亜	
			2013B3873	BL23SU	許 亜	

Catalysis Science & Technology

26366	Motoharu Morikawa	4 (2014) 1644-1651	2011A1977	BL01B1	泉 康雄	Photocatalytic Conversion of Carbon Dioxide into Methanol in Reverse Fuel Cells with Tungsten Oxide and Layered Double Hydroxide Photocatalysts for Solar Fuel Generation
26752	M. Shoji	3 (2013) 1831-1848	2010A1139	BL41XU	沈 建仁	Theoretical Insight in to Hydrogen-Bonding Networks and Proton Wire for the CaMn_4O_5 Cluster of Photosystem II. Elongation of Mn-Mn Distances with Hydrogen Bonds
			2010B1249	BL41XU	沈 建仁	
			2011A1130	BL41XU	沈 建仁	
			2011B1329	BL41XU	沈 建仁	
			2012A1245	BL41XU	沈 建仁	
2012B1399	BL41XU	沈 建仁				

ChemElectroChem

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
26537	Gubbala V. Ramesh	1 (2014) 728-732	2012B4609	BL15XU	阿部 英樹	NbPt ₃ Intermetallic Nanoparticles: Highly Stable and CO-Tolerant Electrocatalyst for Fuel Oxidation
			2013A4600	BL15XU	阿部 英樹	
26634	Kazuhide Kamiya	1 (2014) 877-884	2012B1682	BL27SU	神谷 和秀	Iron-Nitrogen Coordination in Modified Graphene Catalyzes a Four-Electron-Transfer Oxygen Reduction Reaction
			2012A1572	BL27SU	神谷 和秀	

Chemistry of Materials

26221	Titus Masese	26 (2014) 1380-1384	2011B1029	BL02B2	内本 喜晴	Relationship between Phase Transition Involving Cationic Exchange and Charge-Discharge Rate in Li ₂ FeSiO ₄
			2012A1022	BL02B2	内本 喜晴	
			2012B1018	BL02B2	内本 喜晴	
26807	Akihisa Aimi	26 (2014) 2601-2608	2013A1697	BL02B2	森 大輔	High-Pressure Synthesis of A-Site Ordered Double Perovskite CaMnTi ₂ O ₆ and Ferroelectricity Driven by Coupling of A-Site Ordering and the Second-Order Jahn-Teller Effect

Dalton Transactions

26640	Maw Lin Foo	41 (2012) 13791-13794	2009B1320	BL02B2	堀毛 悟史	Ligand-Based Solid Solution Approach to Stabilisation of Sulphonic Acid Groups in Porous Coordination Polymer Zr ₆ O ₄ (OH) ₄ (BDC) ₆ (UiO-66)
26662	Atsushi Kondo	43 (2014) 8174-8177	2010B1463	BL02B2	近藤 篤	Tuning of Gate Adsorption: Modification of a Flexible Metal-Organic Framework by Secondary Organic Ligands
			2011B1874	BL02B2	近藤 篤	

Electrochemistry

26253	Masaaki Yoshida	82 (2014) 355-358	2012A1623	BL01B1	吉田 真明	Electrochromic Characteristics of a Nickel Borate Thin Film Investigated by In Situ XAFS and UV/vis Spectroscopy
			2012B1229	BL01B1	吉田 真明	
			2013A1039	BL01B1	吉田 真明	
26712	Nagahiro Hoshi	82 (2014) 351-354	2009B1290	BL13XU	星 永宏	Surface X-ray Scattering of Pd(110) and Pd(311) in Electrochemical Environments
			2010B1307	BL13XU	星 永宏	

The FEBS Journal

26655	Taro Masuda	281 (2014) 2659-2673	2012B1953	BL41XU	増田 太郎	The Crystal Structure of a Crustacean Prophenoloxidase Provides a Clue to Understanding the Functionality of the Type 3 Copper Proteins
			2012B1553	BL38B1	三上 文三	
			2012B6741	BL44XU	三上 文三	
			2012B1539	BL26B1	三上 文三	
26668	Shouhei Mine	281 (2014) 2584-2596	2013A1359	BL38B1	中村 努	Expression from Engineered <i>Escherichia coli</i> Chromosome and Crystallographic Study of Archaeal <i>N,N'</i> -diacetylchitobiose Deacetylase
			2013A6805	BL44XU	上垣 浩一	
			2013B1273	BL38B1	中村 努	
			2013B6805	BL44XU	上垣 浩一	

FEBS Letters

25667	Takaaki Fujiwara	587 (2013) 840-846	2011A1299	BL41XU	姚 閔	Crystal Structure of <i>Ruminococcus albus</i> Cellobiose 2-epimerase: Structural Insights into Epimerization of Unmodified Sugar
26758	Michihiro Suga	587 (2013) 3267-3272	2011B1329	BL41XU	沈 建仁	Crystal Structure at 1.5 Å Resolution of the PsbV2 Cytochrome from the Cyanobacterium <i>Thermosynechococcus elongatus</i>
			2012A1245	BL41XU	沈 建仁	
			2012B1399	BL41XU	沈 建仁	
			2013A1166	BL41XU	沈 建仁	

Ferroelectrics

26241	Shoto Kawamura	462 (2014) 1-7	2012B0084	BL02B2	久保田 佳基	SXRD Charge Density of KNbO ₃ Ferroelectric Perovskite
			2013A0084	BL02B2	久保田 佳基	
26747	Toru Ozaki	462 (2014) 14-18	2004B0288	BL28B2	尾崎 徹	Spontaneous Strains of Conductive Strontium Titanates SrTi _{1-x} Nb _x O ₃ and SrTiO _{3-δ} Measured by Synchrotron X-Ray Topography
			2005A0566	BL28B2	尾崎 徹	
			2006A1179	BL28B2	尾崎 徹	
			2007A1458	BL28B2	尾崎 徹	
			2007B1204	BL28B2	尾崎 徹	
			2008A1296	BL28B2	尾崎 徹	

Geophysical Research 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
26278	Shigehiko Tateno	39 (2012) L12305	2010B0087	BL10XU	廣瀬 敬	The Structure of Fe-Ni Alloy in Earth's Inner Core
			2011A0087	BL10XU	廣瀬 敬	
26441	Eiji Ohtani	40 (2013) 5089-5094	2011A1256	BL35XU	大谷 栄治	Sound Velocity of Hexagonal Close-packed Iron up to Core Pressure
			2011B1388	BL35XU	大谷 栄治	
			2012A1255	BL35XU	大谷 栄治	
			2012B1439	BL35XU	大谷 栄治	
			2011A0028	BL10XU	大谷 栄治	
			2011B0028	BL10XU	大谷 栄治	
			2012A0028	BL10XU	大谷 栄治	
2012B1062	BL10XU	大谷 栄治				

High Pressure Research

24394	Takahiro Ishikawa	32 (2012) 11-17	2011B0038	BL10XU	清水 克哉	First-Principles Molecular Dynamics Study on Simple Cubic Calcium: Comparison with Simple Cubic Phosphorus
24395	Takahiro Ishikawa	32 (2012) 457-463	2011B0038	BL10XU	清水 克哉	First-Principles Study on Superconductivity of Solid Oxygen

International Journal of Quantum Chemistry

26750	T. Saito	112 (2012) 253-276	2010A1139	BL41XU	沈 建仁	Possible Mechanisms of Water Splitting Reaction Based on Proton and Electron Release Pathways Revealed for CaMn_4O_5 Cluster of PSII Refined to 1.9 Å X-Ray Resolution
			2010B1249	BL41XU	沈 建仁	
			2011A1130	BL41XU	沈 建仁	
			2011B1329	BL41XU	沈 建仁	
			2012A1245	BL41XU	沈 建仁	
26751	S. Yamanaka	112 (2012) 321-343	2010A1139	BL41XU	沈 建仁	Structure and Reactivity of the Mixed-Valence $\text{CaMn}_4\text{O}_5(\text{H}_2\text{O})_4$ and $\text{CaMn}_4\text{O}_4(\text{OH})(\text{H}_2\text{O})_4$ Clusters at Oxygen Evolution Complex of Photosystem II. Hybrid DFT (UB3LYP and UBHandHLYP) Calculations
			2010B1249	BL41XU	沈 建仁	
			2011A1130	BL41XU	沈 建仁	
			2011B1329	BL41XU	沈 建仁	
			2012A1245	BL41XU	沈 建仁	

The Journal of Biochemistry

18221	Ryo Takahashi	147 (2010) 95-107	2008B1548	BL38B1	中村 昇太	Structure and Reaction Mechanism of Human Nicotinamide Phosphoribosyltransferase
			2006A1719	BL38B1	吉田 卓也	
24400	Aiko Tsuda	154 (2013) 51-60	2007A6918	BL44XU	野尻 正樹	Structural and Mechanistic Insights into the Electron Flow through Protein for Cytochrome <i>c</i> -tethering Copper Nitrite Reductase
			2007B6918	BL44XU	野尻 正樹	

The Journal of Biological Chemistry

24398	Takayoshi Tagami	288 (2013) 19296-19303	2011B1385	BL41XU	姚 閔	Molecular Basis for the Recognition of Long-Chain Substrates by Plant α -glucosidase
26702	Makoto Ihara	288 (2013) 15303-15317	2010A1010	BL41XU	山本 雅貴	Molecular Bases of Multimodal Regulation of a Fungal Transient Receptor Potential (TRP) Channel
			理研	BL26B2		

Journal of Electron Spectroscopy and Related Phenomena

26151	Toko Hirono	144-147 (2005) 1097-1099	2003A0629	BL25SU	木村 洋昭	Full Polarization Measurement of SR Emitted from Twin Helical Undulators with Use of Sc/Cr Multilayers at Near 400 eV
			2004A0568	BL25SU	木村 洋昭	
26693	Shin-ichi Nagaoka	195 (2014) 18-25	2012A1067	BL27SU	長岡 伸一	Photoelectron and Auger-Electron Spectra of $\text{Cl}_3\text{SiSi}(\text{CH}_3)_3$ Obtained by Using Monochromatized Synchrotron Radiation
			2013A1045	BL27SU	長岡 伸一	

Journal of Geophysical Research

17603	Nagayoshi Sata	115 (2010) B09204	2009A0087	BL10XU	廣瀬 敬	Compression of FeSi, Fe_3C , $\text{Fe}_{0.95}\text{O}$, and FeS under the Core Pressures and Implication for Light Element in the Earth's Core
19191	Ryosuke Sinmyo	116 (2011) B07205	2009A0087	BL10XU	廣瀬 敬	The Valence State and Partitioning of Iron in the Earth's Lowermost Mantle
			2009B0087	BL10XU	廣瀬 敬	

Journal of Materials 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
26104	Itaru Osaka	2 (2014) 2307-2312	2012A1754	BL19B2	尾坂 格	Small Band Gap Polymers Incorporating a Strong Acceptor, Thieno[3,2- <i>b</i>] thiophene-2,5-dione, with p-channel and Ambipolar Charge Transport Characteristics
26803	Hirokazu Masai	2 (2014) 2137-2143	2011B1193	BL01B1	正井 博和	Correlation between Preparation Conditions and the Photoluminescence Properties of Sn ²⁺ Centers in ZnO-P ₂ O ₅ Glasses

Journal of Molecular Biology

25120	Yoshitaka Hiruma	425 (2013) 4353-4365	2012B6736	BL44XU	野尻 正樹	The Structure of the Cytochrome P450cam-Putidaredoxin Complex Determined by Paramagnetic NMR Spectroscopy and Crystallography
26134	Yuzuru Itoh	426 (2014) 1723-1735	2006B1766	BL41XU	関根 俊一	Dimer-Dimer Interaction of the Bacterial Selenocysteine Synthase SelA Promotes Functional Active-Site Formation and Catalytic Specificity

The Journal of Physical Chemistry B

18147	Weiyu Cao	113 (2009) 8495-8504	2009B1589	BL40B2	田代 孝二	Relationship between Morphological Change and Crystalline Phase Transitions of Polyethylene-Poly(ethylene oxide) Diblock Copolymers. 3. Dependence of Morphological Transition Phenomena on the PE/PEO Segmental Lengths and Its Possible Origins
26769	Tomonori Ohba	118 (2014) 6234-6240	2013A1030	BL04B2	大場 友則	A Highly Viscous Imidazolium Ionic Liquid inside Carbon Nanotubes
			2012B1070	BL04B2	大場 友則	
			2012A1152	BL02B2	大場 友則	

Journal of Power Sources

26170	Yasushi Idemoto	259 (2014) 195-202	2012B1736	BL14B2	井手本 康	Composition Dependence of Average and Local Structure of xLi(Li _{1/3} Mn _{2/3})O ₂ -(1-x)Li(Mn _{1/3} Ni _{1/3} Co _{1/3})O ₂ Active Cathode Material for Li Ion Batteries
26220	Chih-Yao Chen	246 (2014) 783-787	2012B1802	BL01B1	折笠 有基	Pyrophosphate Na ₂ FeP ₂ O ₇ as a Low-Cost and High-Performance Positive Electrode Materials for Sodium Secondary Batteries Utilizing an Inorganic Ionic Liquid

Journal of Structural Biology

26117	Ken Okada	185 (2014) 257-266	2010A1158	BL38B1	金谷 茂則	Structural and Mechanistic Insights into the Kynurenine Aminotransferase-Mediated Excretion of Kynurenic Acid
26226	Yusuke Tamenori	186 (2014) 214-223	2011A1751	BL27SU	岩崎 望	Identification of the Chemical Form of Sulfur Compounds in the Japanese Pink Coral (<i>Corallium elatius</i>) Skeleton Using μ-XRF/XAS Speciation Mapping
			2012B1116	BL27SU	為則 雄祐	
			2012B1534	BL27SU	岩崎 望	
			2012B1973	BL27SU	為則 雄祐	
			2013A1711	BL27SU	為則 雄祐	

Journal of the Ceramic Society of Japan

26119	Mitsutaka Sato	121 (2013) 422-425	2010B1374	BL01B1	佐藤 充孝	Influence of Fe Addition to Hydroxyapatite by Aqueous Solution Process
26120	Mitsutaka Sato	121 (2013) 559-562	2010B1374	BL01B1	佐藤 充孝	Influence of Fe Addition to Hydroxyapatite by Hydrothermal Process

Nature Geoscience

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
25835	Tatsuya Sakamaki	6 (2013) 1041-1044	2004A0250	BL22XU	浦川 啓	Ponded Melt at the Boundary between the Lithosphere and Asthenosphere
			2004B0049	BL22XU	浦川 啓	
			2005A0453	BL22XU	浦川 啓	
			2005B0011	BL22XU	浦川 啓	
			2006A3705	BL22XU	浦川 啓	
			2006B3710	BL22XU	浦川 啓	
			2002B0087	BL04B1	Schmickler Bettina	
			2003A0057	BL04B1	鈴木 昭夫	
			2003B0636	BL04B1	鈴木 昭夫	
			2004A0384	BL04B1	鈴木 昭夫	
			2004B0646	BL04B1	鈴木 昭夫	
2007A1095	BL04B1	鈴木 昭夫				
2009A1661	BL04B1	坂巻 竜也				
26142	Masayuki Nishi	7 (2014) 224-227	2013A0082	BL04B1	入舩 徹男	Stability of Hydrated Silicate at High Pressures and Water Transport to the Deep Lower Mantle

Physica Status Solidi C

26829	Satoshi Ishitsuka	11 (2014) 1312-1315	2011B1854	BL14B2	黒田 眞司	Structural and Magnetic Characterization of (Zn,Fe)Te Thin Films Grown by MBE
			2012B1169	BL14B2	黒田 眞司	
26830	Ke Zhang	11 (2014) 1324-1327	2011A1757	BL14B2	黒田 眞司	Effect of Acceptor Co-doping on Magnetism and Electronic States in Ferromagnetic Semiconductor (Zn,Cr)Te
			2011B1854	BL14B2	黒田 眞司	
			2012B1169	BL14B2	黒田 眞司	

Physical Review E

15154	Mafumi Hishida	80 (2009) 051407	2008A1486	BL40B2	瀬戸 秀紀	Morphological Development of Multilamellar Phospholipid Film Depending on Drying Kinetics
26511	Taiki Hoshino	88 (2013) 032602	理研	BL19LXU		Dynamical Crossover between Hyperdiffusion and Subdiffusion of Polymer-Grafted Nanoparticles in a Polymer Matrix
			2012A1025	BL19B2	高原 淳	

Physics and Chemistry of Minerals

21587	Hiroaki Ohfuji	39 (2012) 543-552	2010A1545	BL10XU	大藤 弘明	Influence of Graphite Crystallinity on the Microtexture of Nano-Polycrystalline Diamond Obtained by Direct Conversion
			2010B1588	BL10XU	大藤 弘明	
26277	Saori Imada	39 (2012) 525-530	2010B0087	BL10XU	廣瀬 敬	Compression of Na _{0.4} Mg _{0.6} Al _{1.6} Si _{0.4} O ₄ NAL and Ca-ferrite-type Phases
			2011A0087	BL10XU	廣瀬 敬	

RSC Advances

25337	Zen Maeno	3 (2013) 9662-9665	2012B1869	BL14B2	金田 清臣	Regioselective Oxidative Coupling of 2,6-Dimethylphenol to Tetramethyldiphenone Using Polyamine Dendrimer-encapsulated Cu Catalysts
26217	Zhen-Dong Huang	3 (2013) 22935-33939	2013A1013	BL14B2	内本 喜晴	A Novel Cationic-Ordering Fluoro-Polyanionic Cathode LiV _{0.5} Fe _{0.5} PO ₄ F and its Single Phase Li ⁺ Insertion/Extraction Behaviour
			2013A1013	BL14B2	内本 喜晴	

Science

26667	Erkan Karakas	344 (2014) 992-997	2013B1919	BL41XU	奥村 英夫	Crystal Structure of a Heterotetrameric NMDA Receptor ion Channel
26828	Olga P. Popova	342 (2013) 1069-1073	2013B0035	BL37XU	Zolensky Michael	Chelyabinsk Airburst, Damage Assessment, Meteorite Recovery, and Characterization

Tetrahedron Letters

26461	Hajime Kobori	54 (2013) 5481-5483	2012B1109	BL02B1	安田 伸広	Armillariols A to C from the Culture Broth of <i>Armillaria</i> sp.
26463	Jing Wu	54 (2013) 4900-4902	2011B1181	BL40XU	安田 伸広	An Unusual Sterol from the Mushroom <i>Stropharia rugoannulata</i>

Transactions of the Materials Research Society of Japan-1

16882	Shin Takahashi	34 (2009) 617-620	2009A1841	BL46XU	横溝 臣智	Non-destructive Analysis on Oxidation States of Ti Atoms in the Passivation Film Formed on SUS321 Using Hard X-ray Photoelectron Spectroscopy
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Transactions of the Materials Research Society of Japan-2

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
24434	Akio Ohta	38 (2013) 353-357	2007A0005	BL47XU	財満 鎮明	XPS Study of Energy Band Alignment between Hf-La Oxides and Si(100)
			2011A0026	BL46XU	宮崎 誠一	

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

26689	Keisuke Ide	70 (2014) 76-83	2012A1170	BL40B2	大越 豊	Fiber Structure Development of Poly(<i>p</i> -polyphenylene sulfide) in Laser-heated Drawing Process
26870	Keisuke Kaneda	70 (2014) 137-144	2011B1407	BL45XU	敷中 一洋	Flow-Orientation of Internal Structure and Anisotropic Properties on Hydrogels Consisted of Imogolite Hollow Nanofibers
			2012B1140	BL45XU	敷中 一洋	

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

26080	Yuden Teraoka	134 (2014) 524-525	2012A3801	BL23SU	寺岡 有殿	Surface Temperature Dependence on AlN Film Formation Processes Induced by Supersonic N ₂ Molecular Beam
			2011B3801	BL23SU	寺岡 有殿	
			2011A3803	BL23SU	寺岡 有殿	
26081	Yuden Teraoka	134 (2014) 473-478	2011A3801	BL23SU	寺岡 有殿	Influence of Surface Oxide Layer on Deuterium Molecule Desorption from V(001) Surface
			2010B3801	BL23SU	寺岡 有殿	
			2010A3801	BL23SU	寺岡 有殿	
			2009B3801	BL23SU	寺岡 有殿	
			2009A3801	BL23SU	寺岡 有殿	
			2008B3801	BL23SU	寺岡 有殿	

ACS Applied Materials & Interfaces

26535	Maidhily Manikandan	6 (2014) 3790-3793	2013B4602	BL15XU	阿部 英樹	Photocatalytic Water Splitting under Visible Light by Mixed-Valence Sn ₃ O ₄
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Acta Crystallographica Section B

26106	Norihiro L. Okamoto	70 (2014) 275-282	2012B1145	BL02B1	乾 晴行	Structure Refinement of the δ _{1p} Phase in the Fe-Zn System by Single-Crystal X-ray Diffraction Combined with Scanning Transmission Electron Microscopy
			2013A1394	BL02B1	乾 晴行	

Acta Crystallographica Section C

26507	Sachiko Maki	69 (2013) 696-703	2008A0096	BL02B2	西堀 英治	1,4-Bis[2-(4-ferrocenylphenyl)ethynyl]anthraquinone from Synchrotron X-ray Powder Diffraction
			2008B0096	BL02B2	西堀 英治	

Advanced Functional Materials

26105	Clara Guglieri	24 (2014) 2094-2100	2011B1700	BL25SU	Chaboy Jesus	Evidence of Oxygen Ferromagnetism in ZnO Based Materials
			2011B3873	BL23SU	Chaboy Jesus	
			2011B0024	BL39XU	Chaboy Jesus	
			2009B0024	BL39XU	Chaboy Jesus	
			2012A0024	BL39XU	Chaboy Jesus	

Annals of Biomedical Engineering

25975	Andreas Fouras	40 (2012) 1160-1169	2011A0022	BL20B2	Lewis Rob	Altered Lung Motion is a Sensitive Indicator of Regional Lung Disease
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ASAIO Journal

24700	Shuji Inamori	59 (2013) 374-379	2011B1168	BL28B2	稲盛 修二	A Comparative Study of Cerebral Microcirculation During Pulsatile and Nonpulsatile Selective Cerebral Perfusion: Assessment by Synchrotron Radiation Microangiography
			2011A1105	BL28B2	Pearson James	

Biochimica et Biophysica Acta - Bioenergetics

25696	Yota Fukuda	1837 (2014) 396-405	2011B6634	BL44XU	野尻 正樹	Structural and Functional Characterization of the <i>Geobacillus</i> Copper Nitrite Reductase: Involvement of the Unique N-terminal Region in the Interprotein Electron Transfer with its Redox Partner
			2012A6736	BL44XU	野尻 正樹	

Biopolymers

21677	Daisuke Motooka	98 (2012) 111-121	2007A2120	BL38B1	大久保 忠恭	The Triple Helical Structure and Stability of Collagen Model Peptide with 4(s)-hydroxyprolyl-pro-gly Units
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Bioscience, Biotechnology, and Biochemistry

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
26460	Jing Wu	77 (2013) 1779-1781	2012B1109	BL02B1	安田 伸広	Isolation of Bioactive Steroids from the <i>Stropharia rugosoannulata</i> Mushroom and Absolute Configuration of Strophasterol B

Catalysis Today

26383	Shun Nishimura	232 (2014) 89-98	2012B1610	BL01B1	西村 俊	Selective Hydrogenation of Biomass-Derived 5-hydroxymethylfurfural (HMF) to 2,5-dimethylfuran (DMF) under Atmospheric Hydrogen Pressure over Carbon Supported PdAu Bimetallic Catalyst
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Cell

26724	Hiroshi Nishimasu	156 (2014) 935-949	理研	BL32XU		Crystal Structure of Cas9 in Complex with Guide RNA and Target DNA
			2011A1182	BL41XU	西増 弘志	

Cellulose

26103	Yu Ogawa	21 (2014) 999-1006	2012A1549	BL40B2	小川 悠	Formation and Stability of Cellulose-Copper-NaOH Crystalline Complex
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Chemistry - An Asian Journal

26613	Hiroyasu Tabe	9 (2014) 1373-1378	2010B1081	BL38B1	上野 隆史	Porous Protein Crystals as Catalytic Vessels for Organometallic Complexes
			2011A1082	BL38B1	上野 隆史	
			2011A1081	BL32XU	上野 隆史	

ChemPhysChem

26109	Tomonori Ohba	15 (2014) 415-419	2013A1030	BL04B2	大場 友則	Anomalous Enhanced Hydration of Aqueous Electrolyte Solution in Hydrophobic Carbon Nanotubes to Maintain Stability
			2012B1070	BL04B2	大場 友則	
			2012A1152	BL02B2	大場 友則	

ChemSusChem

25336	Arundhathi Racha	6 (2013) 1345-1347	2011A1763	BL14B2	金田 清臣	Highly Selective Hydrogenolysis of Glycerol to 1,3-Propanediol over a Boehmite-Supported Platinum/Tungsten Catalyst
			2012B1869	BL14B2	金田 清臣	

Composites Science and Technology

26824	Mizuka Tanimoto	99 (2014) 103-108	2011A1237	BL40B2	安藤 慎治	Effects of Chain Rigidity/Flexibility of Polyimides on Morphological Structures and Thermal Diffusivity of hBN-filled Composites
			2012B1317	BL40B2	安藤 慎治	
			2013A1077	BL40B2	安藤 慎治	

Computer Methods in Biomechanics and Biomedical Engineering

26684	Toshihiro Sera	(2014) Published online 13 May 2014	2007A2071	BL20B2	世良 俊博	Numerical Simulation of Airflow and Microparticle Deposition in a Synchrotron Micro-CT-Based Pulmonary Acinus Model
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Crystal Research and Technology

26252	Kouichi Kifune	48 (2013) 1011-1021	2008A1315	BL02B2	木船 弘一	Crystal Structures of X-phase in the Sb-Te Binary Alloy System
			2009B0084	BL02B2	久保田 佳基	
			2010A0084	BL02B2	久保田 佳基	
			2011B1328	BL02B2	松永 利之	

Current Pharmaceutical Biotechnology

25974	Robert Jamison	13 (2012) 2128-2140	2011B0022	BL20B2	Lewis Rob	Functional Imaging to Understand Biomechanics: A Critical Tool For the Study of Biology, Pathology and the Development of Pharmacological Solutions
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Doklady Earth Sciences

26812	Konstantin D. Litasov	453 (2013) 1269-1273	2010B1211	BL04B1	Litasov Konstantin	<i>P-V-T</i> Equations of State for Iron Carbides Fe ₃ C and Fe ₇ C ₃ and Their Relationships under the Conditions of the Earth's Mantle and Core
			2011B1091	BL04B1	Litasov Konstantin	

Earth and Planetary Science Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26817	Sujoy Ghosh	371 (2013) 103-111	2007B1611	BL04B1	Litasov Konstantin	Effect of Water in Depleted Mantle on Post-Spinel Transition and Implication for 660 km Seismic Discontinuity
			2007B1570	BL04B1	大谷 栄治	

ECS Electrochemistry Letters

26222	Yuki Orikasa	3 (2014) F23-F26	2009B1607	BL01B1	Shao-Horn Yang	Surface Strontium Segregation of Solid Oxide Fuel Cell Cathodes Probed by In Situ Depth-Resolved X-ray Absorption Spectroscopy
			2009B1613	BL37XU	Shao-Horn Yang	
			2011B1908	BL01B1	折笠 有基	
			2012A1675	BL01B1	折笠 有基	
			2012A1678	BL01B1	折笠 有基	

ECS Journal of Solid State Science and Technology

26654	Sakyo Hirose	3 (2014) 243-248	2009A4604	BL15XU	大橋 直樹	Impact of Electrode Oxidation on the Current Transport Properties at Platinum/(Niobium-Doped Strontium-Titanate) Schottky Junctions
			2009B4607	BL15XU	大橋 直樹	
			2010A4602	BL15XU	大橋 直樹	
			2010B4607	BL15XU	大橋 直樹	
			2011A4610	BL15XU	大橋 直樹	
			2011B4610	BL15XU	大橋 直樹	
			2012A4612	BL15XU	大橋 直樹	
			2012B4612	BL15XU	大橋 直樹	

The EMBO Journal

26723	Fuminori Tokunaga	31 (2012) 3856-3870	2011A1182	BL41XU	西増 弘志	Specific Recognition of Linear Polyubiquitin by A20 Zinc Finger 7 is Involved in NF- κ B Regulation
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Energy & Environmental Science

26748	Sergey Milikisiyants	5 (2012) 7747-7756	2011A1130	BL41XU	沈 建仁	The Structure and Activation of Substrate Water Molecules in the S ₂ State of Photosystem II Studied by Hyperfine Sublevel Correlation Spectroscopy
			2011B1329	BL41XU	沈 建仁	

Environmental Science & Technology

26367	Satoshi Mitsunobu	47 (2013) 9660-9667	2011A1223	BL01B1	光延 聖	Behavior of Antimony(V) during the Transformation of Ferrihydrite and Its Environmental Implications
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Experimental Eye Research

26875	Mehdi Bahrami	124 (2014) 93-99	2013A1651	BL20B2	Pierscionek Barbara	Optical Properties of the Lens: An Explanation for the Zones of Discontinuity
			2012A1650	BL20B2	Pierscionek Barbara	

Genes and Development

26135	Shunsuke Tagami	28 (2014) 521-531	理研	BL32XU		Structural Basis for Promoter Specificity Switching of RNA Polymerase by a Phage Factor
			2011B1382	BL41XU	関根 俊一	
			2012A1334	BL41XU	関根 俊一	
			2012B1392	BL41XU	関根 俊一	
			2013A1149	BL41XU	関根 俊一	

Green Chemistry

25894	Leilei Zhang	15 (2013) 2680-2684	2013A1400	BL46XU	崔 芸涛	Aerobic Oxidative Coupling of Alcohols and Amines over Au-Pd/resin in Water: Au/Pd Molar Ratios Switch the Reaction Pathways to Amides or Imines
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IEEE Electron Device Letters

26814	Kangwook Lee	34 (2013) 1038-1040	2013B1763	BL13XU	Mariappan Murugesan	Degradation of Memory Retention Characteristics in DRAM Chip by Si Thinning for 3-D Integration
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IEEE Transactions on Electron Devices

26153	Murugesan Mariappan	61 (2014) 540-547	2012B1808	BL13XU	Mariappan Murugesan	Deteriorated Device Characteristics in 3D-LSI Caused by Distorted Silicon Lattice
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IEICE Transactions on Electronics

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
24549	Akio Ohta	E96-C (2013) 702-707	2011A0026	BL46XU	宮崎 誠一	Evaluation of Chemical Composition and Bonding Features of Pt/SiO _x /Pt MIM Diodes and Its Impact on Resistance Switching Behavior
			2011B0026	BL46XU	宮崎 誠一	
			2012A0026	BL46XU	宮崎 誠一	

Intermetallics

26660	Guang Zeng	54 (2014) 20-27	2012B1440	BL37XU	野北 和宏	Ni Segregation in the Interfacial (Cu,Ni) ₆ Sn ₅ Intermetallic Layer of Sn-0.7Cu-0.05Ni/Cu Ball Grid Array (BGA) Joints
			2013B1524	BL37XU	野北 和宏	

International Journal of Hydrogen Energy

26767	Hyunjeong Kim	39 (2014) 10546-10551	2013A3787	BL22XU	Kim Hyunjeong	Reduction and Unusual Recovery in the Reversible Hydrogen Storage Capacity of V _{1-x} Ti _x during Hydrogen Cycling
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International Journal of Pharmaceutics

25741	Takeo Kano	461 (2014) 495-504	2007A1249	BL43IR	寺田 勝英	Clarifying the Mechanism of Aggregation of Particles in High-Shear granulation Based on Their Surface Properties by using Micro-Spectroscopy
			2007B1231	BL43IR	寺田 勝英	
			2008A1311	BL43IR	寺田 勝英	

JETP Letters

26810	Konstantin Litasov	98 (2013) 805-808	2010B1211	BL04B1	Litasov Konstantin	Phase Transformations of Fe ₃ N–Fe ₄ N Iron Nitrides at Pressures up to 30 GPa Studied by In Situ X-ray Diffractometry
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Journal of Aerosol Medicine and Pulmonary Drug Delivery

26717	Martin Donnelley	25 (2013) 307-316	2011A1306	BL20B2	Donnelley Martin	Variability of <i>In Vivo</i> Fluid Dose Distribution in Mouse Airways is Visualized by High-Speed Synchrotron X-ray Imaging
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Journal of Applied Physics

26720	Kirill Mitrofanov	115 (2014) 173501	2013A1200	BL27SU	Kolobov Alexander	Ge L ₃ -edge X-ray Absorption Near-edge Structure Study of Structural Changes Accompanying Conductivity Drift in the Amorphous Phase of Ge ₂ Sb ₂ Te ₅
			2013A1449	BL01B1	Fons Paul	

Journal of Applied Polymer Science

26647	Shunsuke Koido	131 (2014) 39762	2012A1348	BL40B2	河井 貴彦	Mesomorphic Phase Formation of Plasticized Poly(L-lactic acid)
			2011A1336	BL40B2	河井 貴彦	
			2010B1474	BL40B2	松葉 豪	

Journal of Bacteriology

25269	Kosuke Oda	195 (2013) 1741-1749	2010B1303	BL41XU	杉山 政則	Crystallographic Study to Determine the Substrate Specificity of an L-serine-acetylating Enzyme Found in the D-cycloserine Biosynthetic Pathway
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The Journal of Chemical Physics

26259	Toshiji Kanaya	140 (2014) 144906	2008B0098	BL09XU	瀬戸 誠	Relaxation Transition in Glass-Forming Polybutadiene as Revealed by Nuclear Resonance X-ray Scattering
			2009B0086	BL09XU	瀬戸 誠	
			2010A0086	BL09XU	瀬戸 誠	

Journal of Geophysical Research: Solid Earth

26715	Kenji Ohta	119 (2014) 4656-4665	2011B1470	BL10XU	桑山 靖弘	Highly Conductive Iron-Rich (Mg,Fe)O Magnesiowüstite and its Stability in the Earth's Lower Mantle
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Journal of Magnetism and Magnetic Materials

26004	Kenji Otake	361 (2014) 57-60	2012A1111	BL17SU	大竹 健二	Microstructure Effect on Magnetization and Domain Structure in Ni _{0.49} Zn _{0.49} Co _{0.02} Fe _{1.90} O _x Ferrite
			2011B1756	BL17SU	大竹 健二	
			2010B1767	BL17SU	大竹 健二	

Journal of Materials Chemistry

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26641	Toyoki Okumura	22 (2012) 17340-17348	2011B2024	BL14B2	小林 弘典	Correlation of Lithium Ion Distribution and X-ray Absorption Near-Edge Structure in O3- and O2-lithium Cobalt Oxides from First-Principle Calculation
			2011B2027	BL19B2	小林 弘典	

Journal of Molecular Catalysis A: Chemical

26559	Masazumi Tamura	388-389 (2014) 177-187	2013A1048	BL01B1	奥村 和	Promoting Effect of Ru on Ir-ReO _x /SiO ₂ Catalyst in Hydrogenolysis of Glycerol
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Journal of Molecular Liquids

26714	László Temleitner	197 (2014) 204-210	2010A1303	BL04B2	Temleitner László	Structure Determination of Liquid Carbon Tetrabromide via a Combination of X-ray and Neutron Diffraction Data and Reverse Monte Carlo Modelling
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Journal of Physics: Condensed Matter

26237	Shogo Kawaguchi	25 (2013) 416005	2012A0084	BL02B2	久保田 佳基	Anomalous Magnetization Behaviour in a Single Crystal of Vanadium Spinel FeV ₂ O ₄
			2012B0084	BL02B2	久保田 佳基	

Journal of Polymer Research

26871	Hiroaki Wakayama	21 (2014) 488	2013B7003	BL33XU	原田 雅史	Effects of Metal Loading and Magnetic Field Strength on Alignment of Noncrystalline Block Copolymers Doped with Metal Complexes
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Journal of Solid State Chemistry

26711	Naoto Kitamura	210 (2014) 275-279	2011A1853	BL19B2	井手本 康	Ferroelectric Performances and Crystal Structures of (Pb,La)(Zr,Ti,Nb)O ₃
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Journal of Surface Analysis

26025	Kumiko Yokota	20 (2014) 221-225	2007B3801	BL23SU	寺岡 有殿	A Synchrotron Radiation Photoelectron Spectroscopic Study on the Oxidation of Si in Diamond-like Carbon Film by Hyperthermal O-atom Beam
			2008A3801	BL23SU	寺岡 有殿	
			2008B3801	BL23SU	寺岡 有殿	
			2009A3801	BL23SU	寺岡 有殿	
			2009B3801	BL23SU	寺岡 有殿	

Journal of Synchrotron Radiation

26716	Martin Donnelley	21 (2014) 768-773	2012A1661	BL20XU	Donnelley Martin	Tracking Extended Mucociliary Transport Activity of Individual Deposited Particles: Longitudinal Synchrotron X-ray Imaging in Live Mice
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Journal of Thermal Analysis Calorimetry

26844	Etsuo Yonemochi	113 (2013) 1505-1510	2010B1212	BL43IR	寺田 勝英	Diffusivity of Amorphous Drug in Solid Dispersion
			2011A1164	BL43IR	寺田 勝英	
			2011B1275	BL43IR	寺田 勝英	
			2012A1401	BL43IR	寺田 勝英	
			2012B1371	BL43IR	寺田 勝英	

Key Engineering Materials

26294	Ken Yanai	582 (2014) 51-54	2011B1386	BL02B1	野口 祐二	Polarization Switching Dynamics of Ferroelectric (Bi _{0.5} Na _{0.5})TiO ₃ Single Crystals
			2012A1359	BL02B1	野口 祐二	
			2012B1243	BL02B1	野口 祐二	

Light: Science & Applications

26675	Francesca Pincella	3 (2014) e133	2010B1744	BL40B2	磯崎 勝弘	A Visible Light-Driven Plasmonic Photocatalyst
			2012A1575	BL40B2	田口 知弥	

Materials Research Society Symposia Proceedings

22322	Takuya Hosokai	1402 (2012) u08-33	2009B2070	BL19B2	吉本 則之	<i>In situ</i> Structural Study of Organic Semiconductor Thin Films
			2010A1875	BL19B2	吉本 則之	
			2011A0036	BL19B2	吉本 則之	
			2011A1843	BL19B2	小金澤 智之	
			2011B0036	BL19B2	吉本 則之	
			2010A1873	BL46XU	小金澤 智之	

Meteoritics & Planetary 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
26418	Masahiko Tanaka	49 (2014) 237-244	2011A4509	BL15XU	田中 雅彦	Crystallization Temperature Determination of Itokawa Particles by Plagioclase Thermometry with X-ray Diffraction Data Obtained by a High-Resolution Synchrotron Gandolfi Camera
			2011B4507	BL15XU	田中 雅彦	

Microporous and Mesoporous Materials

26274	Ryotaro Matsuda	189 (2014) 83-90	2011A0084	BL02B2	久保田 佳基	Microporous Structures Having Phenylene Fin: Significance of Substituent Groups for Rotational Linkers in Coordination Polymers
			理研	BL44B2		

Mineralogical Magazine

26281	Kei Hirose	78 (2014) 437-446	2013A0087	BL10XU	廣瀬 敬	Deep Earth Mineralogy Revealed by Ultrahigh-Pressure Experiments
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Molecular and Cellular Biology

26131	Toshiaki Fukutomi	34 (2014) 832-846	2013B6852	BL44XU	水島 恒裕	Kinetic, Thermodynamic, and Structural Characterizations of the Association between Nrf2-DLGex Degron and Keap1
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Nano Letters

26410	Marcus Newton	14 (2014) 2413-2418	2013A8033	BL3	田中 義人	Time-Resolved Coherent Diffraction of Ultrafast Structural Dynamics in a Single Nanowire
			2012B8030	BL3	田中 義人	
			2012A8052	BL3	田中 義人	

Nature Chemistry

26262	Satoru Shimomura	2 (2010) 633-637	2008B1263	BL02B2	北川 進	Selective Sorption of Oxygen and Nitric Oxide by an Electron-Donating Flexible Porous Coordination Polymer
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Nature Materials

26263	Nobuhiro Yanai	10 (2011) 787-793	2009B1320	BL02B2	堀毛 悟史	Gas Detection by Structural Variations of Fluorescent Guest Molecules in a Flexible Porous Coordination Polymer
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Nature Photonics

26568	Kenji Tamasaku	8 (2014) 313-316	2012B8006	BL3	玉作 賢治	X-ray Two-Photon Absorption Competing against Single and Sequential Multiphoton Processes
			2013A8002	BL3	玉作 賢治	

Nature Physics

26077	M. Hiraishi	10 (2014) 300-303	2013A3502	BL11XU	石井 賢司	Bipartite Magnetic Parent Phases in the Iron Oxypnictide Superconductor
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Nature Structural and Molecular Biology

26653	Yuko Fujioka	21 (2014) 513-521	2013B1005	BL41XU	山本 雅貴	Structural Basis of Starvation-Induced Assembly of the Autophagy Initiation Complex
			2013A1001	BL41XU	山本 雅貴	

Nuclear Instruments and Methods in Physics Research A

26869	Nobuteru Nariyama	763 (2014) 13-17	2013A1101	BL09XU	成山 展照	Multi-Concentric-ring Open-Air Ionization Chamber for High-Intensity X-ray Beams
			2013B1315	BL28B2	棕本 成俊	

Nuclear Instruments and Methods in Physics Research B

26183	Kazuma Aikoh	314 (2013) 99-102	2010B1708	BL25SU	松井 利之	Study of Ferromagnetic Ordering of FeRh Thin Films Induced by Energetic Heavy Ion Irradiation by Means of X-ray Magnetic Circular Dichroism
			2012A1174	BL25SU	松井 利之	

Organometallics

21652	Yumiko Nakajima	31 (2012) 2009-2015	2010B1488	BL38B1	高谷 光	Redox Chemistry of Bis(phosphaethenyl)pyridine Iron Complexes
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Pharmazie

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
19439	Yuki Morishita	66 (2011) 808-809	2009B1036	BL37XU	堤 康央	Detection of Titanium Dioxide Particles on Frozen Tissue Sections Using Synchrotron Radiation X-ray Fluorescence Analysis

Philosophical Magazine

21633	Shunta Harada	91 (2011) 3108-3127	2010A1548	BL02B2	乾 晴行	Crystal Structure Refinement of ReSi _{1.75} with an Ordered Arrangement of Silicon Vacancies
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Physica Status Solidi - Rapid Research Letters

26341	Daiki Tanabe	8 (2014) 287-290	2013A1649	BL02B2	守友 浩	Temperature Dependence of Anisotropic Displacement Parameters in O3-type NaMO ₂ (M = Cr and Fe): Comparison with Isostructural LiCoO ₂
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Physical Review A

26636	Yigeng Peng	89 (2014) 032512	2012B4262	BL12XU	Zhu Lin Fan	Squared Form Factors of Vibronic Excitations in 12–13.3 eV of Nitrogen Studied by High-Resolution Inelastic X-ray Scattering
			2011B4256	BL12XU	Zhu Lin Fan	

Physics Letters B

26177	Toshiaki Inada	732 (2014) 356-359	2013A8004	BL3	難波 俊雄	Search for Photon-Photon Elastic Scattering in the X-ray Region
			理研	BL19LXU		

Polymer

26561	Taizo Kabe	55 (2013) 271-277	2011B1711	BL47XU	岩田 忠久	Transition of Spherulite Morphology in a Crystalline/Crystalline Binary Blend of Biodegradable Microbial Polyesters
			理研	BL45XU		

Polymer Journal

26250	Takashi Okuhara	46 (2014) 264-271	2012B1452	BL40B2	中村 洋	Aggregation and Phase Separation of Hydrophilically Modified Poly(dimethylsiloxane) in Methanol-Water Mixtures
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Proceedings of the Japan Concrete Institute

22057	Takafumi Sugiyama	34 (2012) 202-207	2011A1260	BL20XU	杉山 隆文	Phases Analysis on Fly Ash Concrete by Using Synchrotron X-Ray Computed Microtomography
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Protein and Peptide Letters

23848	Shunsuke Kita	20 (2013) 530-537	2011B1227	BL41XU	姚 閔	Crystal Structure of a Putative Methyltransferase SAV1081 from <i>Staphylococcus aureus</i>
			2011A1062	BL41XU	姚 閔	

Proteins: Structure, Function, and Bioinformatics

25272	Yasuyuki Matoba	79 (2011) 2999-3005	2006B1648	BL38B1	杉山 政則	Structural Evidence that Puromycin Hydrolase is a New Type of Aminopeptidase with a Prolyl Oligopeptidase Family Fold
			2007B1077	BL38B1	杉山 政則	

Retrovirology

26762	Shungyong Han	11 (2014) 38	2011A1396	BL32XU	山形 敦史	Switching and Emergence of CTL Epitopes in HIV-1 Infection
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Science and Technology of Advanced Materials

26876	Ryoji Sahara	15 (2014) 035014	2012B4611	BL15XU	土谷 浩一	First-Principles Study of Electronic Structures and Stability of Body-Centered Cubic Ti-Mo Alloys by Special Quasirandom Structures
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Small

26345	Kazuhiro Shikinaka	10 (2014) 1813-1820	2011B1407	BL45XU	敷中 一洋	Direct Evidence for Structural Transition Promoting Shear Thinning in Cylindrical Colloid Assemblies
			2012B1140	BL45XU	敷中 一洋	

Soft Matter

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
23631	David P. Penaloza	9 (2013) 5166-5172	2011B1624	BL40B2	大野 正司	Spatial Heterogeneity in the Sol-Gel Transition of a Supramolecular System
			2011A1557	BL40B2	大野 正司	

Solid State Ionics

26741	Yohei Onodera	262 (2014) 469-471	2010A1321	BL04B2	白杵 毅	Structure of Silver Bromide Doped Chalcogenide Glasses
			2006A1551	BL04B2	白杵 毅	

Spectrochimica Acta Part A

26884	Naoki Noguchi	133 (2014) 509-513	2012A1083	BL43IR	野口 直樹	Near-Infrared Spectra of H ₂ O under High Pressure and High Temperature: Implications for a Transition from Proton Tunneling to Hopping States
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Tetrahedron

26180	Mio Matsumura	69 (2013) 10927-10932	2008B1981	BL38B1	榎 飛雄真	Synthesis of Porphyrinylamide and Observation of N-methylation-induced Trans-Cis Amide Conformational Alteration
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Topics in Catalysis

26295	Sutasinee Kityakarn	57 (2014) 903-910	2012A1013	BL40XU	横山 利彦	In Situ Time-Resolved XAFS of Transitional States of Pt/C Cathode Electrocatalyst in an MEA During PEFC Loading with Transient Voltages
			2012B7820	BL36XU	唯 美津木	

X線分析の進歩 (Advances in X-ray Chemical Analysis, Japan)

26162	Yasushi Uehara	45 (2014) 139-147	2011B5132	BL16XU	上原 康	L Series X-ray Emission Spectra of 3d-Metal Compounds with Various Excitation Conditions
			2012B5132	BL16XU	上原 康	
			2013A5130	BL16XU	上原 康	

高分子論文集 (Japanese Journal of Polymer Science and Technology)

22661	Yusuke Sanada	69 (2012) 346-357	2009A0012	BL40B2	櫻井 和朗	Characterization of Polymer Micelles by the Combination of SAXS and FFF-MALS
			2009B1397	BL40B2	櫻井 和朗	
			2010A1089	BL40B2	櫻井 和朗	
			2010B1726	BL40B2	櫻井 和朗	

自動車技術会論文集 (Transactions of the Society of Automotive Engineers of Japan)

26623	Takahiro Fujimoto	45 (2014) 297-302	2012B7601	BL28XU	小久見 善八	Analysis on Reaction and degradation Mechanism for Mixed Composite Cathode in Lithium Ion Battery
			2013A7601	BL28XU	小久見 善八	

成形加工 (Journal of the Japan Society of Polymer Processing)

25639	Akira Takakura	25 (2013) 432-435	2007A1490	BL40B2	原田 雅史	Effect of Higher-Order Structure on Swelling Property in Toluene for Polyphenylene Sulfide
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第45回X線材料強度に関するシンポジウム論文集 (The 45th Symposium on X-Ray Studies on Mechanical Behavior of Materials)

26867	Hiroto Tanaka	(2011)	2010B1323	BL02B1	田中 啓介	X-ray Characterization on Nanocrystalline Nickel Thin Films
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第46回X線材料強度に関するシンポジウム論文集 (The 46th Symposium on X-Ray Studies on Mechanical Behavior of Materials)

26868	Hiroto Tanaka	(2012)	2012A1262	BL02B1	田中 啓介	Evaluation of Grain Size and Dislocation of Electrodeposited Nanocrystalline Nickel Thin Films by X-ray Diffraction
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日本化粧品学会誌 (Journal of Japanese Cosmetic Science Society)

17197	Minori Kakizawa	34 (2010) 102-107	2006A0227	BL40XU	川副 智行	Small-Angle X-ray Diffraction Structural Analysis of Human Hairs of Different Shapes and Effect of Straight Perming
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保全学 (Maintenology)

16030	Shigeo Nakahigashi	8 (2009) 69-75	2007B1941	BL19B2	中東 重雄	Detection of Cracks due to Stress Corrosion Cracking in Weld Metals of Nickel-base Alloys and Austenitic Stainless Steels by Synchrotron Radiation CT Imaging
			2008A1901	BL19B2	中東 重雄	
			2008B2078	BL19B2	中東 重雄	

有機合成化学協会誌 (Journal of Synthetic Organic Chemistry, Japan)

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
25294	Akiyuki Hamasaki	71 (2013) 443-451	2009B1007	BL14B2	春田 正毅	Novel Feature and Catalysis of Metal Oxide Supported Gold Nanoparticles
			2010A1001	BL14B2	春田 正毅	
			2010B1006	BL14B2	春田 正毅	
			2011A1003	BL14B2	春田 正毅	
			2011B1001	BL14B2	春田 正毅	

博士論文 (京都大学)

13980	Mafumi Hishida	(2009)	2004B0520	BL40B2	瀬戸 秀紀	Hierarchical Structures of Phospholipid: from Thermodynamics of Membrane to Kinetics of Vesicle Formation
			2006A1420	BL40B2	瀬戸 秀紀	
			2007B1551	BL40B2	瀬戸 秀紀	
			2008A1737	BL40B2	菱田 真史	
			2008A1486	BL40B2	瀬戸 秀紀	
20897	Takatsugu Ishikawa	(2005)	C01A6001	BL33LEP	中野 貴志	ϕ Photo-Production from Li, C, Al and Cu Nuclei at $E_\gamma=1.5-2.4$ GeV
			C01B6001	BL33LEP	中野 貴志	
			C02A6001	BL33LEP	中野 貴志	
			C02B6001	BL33LEP	中野 貴志	
			C03A6001	BL33LEP	中野 貴志	
			C03B6001	BL33LEP	中野 貴志	
26249	Kohei Kusada	(2013)	2011A1644	BL02B2	北川 宏	The Creation of New Metal-nanoparticles and the Investigation of their Hydrogen Storage and Catalytic Properties
			2011B1712	BL02B2	北川 宏	
			2010A1644	BL02B2	小林 浩和	
			2010B1722	BL02B2	小林 浩和	
26256	Makina Saito	(2012)	2009A0086	BL09XU	瀬戸 誠	Development of Time-Domain Interferometry Method Using Nuclear Resonant Scattering and Its Applications
			2009B0086	BL09XU	瀬戸 誠	
			2010A0086	BL09XU	瀬戸 誠	
			2010B0086	BL09XU	瀬戸 誠	
			2011A0086	BL09XU	瀬戸 誠	
26257	Masayuki Kurokuzu	(2014)	2009B0086	BL09XU	瀬戸 誠	Studies on Iron Chalcogenide by Mössbauer Spectroscopy and Nuclear Resonant Inelastic Scattering
			2010A0086	BL09XU	瀬戸 誠	
			2011A0086	BL09XU	瀬戸 誠	
			2011B0086	BL09XU	瀬戸 誠	
			2011A3501	BL11XU	三井 隆也	
			2011B3501	BL11XU	三井 隆也	
26269	Hirotohi Sakamoto	(2010)	2007A1823	BL02B2	坂本 裕俊	Studies on Syntheses and Porous Properties of Coordination Polymers Constructed by Dicarboxylate and Pyridyl Derivatives
			2008A1700	BL02B2	北川 進	
			2009A0084	BL02B2	久保田 佳基	
26270	Nobuhiro Yanai	(2011)	2010A0084	BL02B2	久保田 佳基	Controlling Polymer Properties in Coordination Nanospaces
26271	Satoru Shimomura	(2011)	2008A1700	BL02B2	北川 進	Studies on Syntheses and Properties of TCNQ based Porous Coordination Polymers
			2010A0084	BL02B2	久保田 佳基	

博士論文 (大阪大学) -1

20894	Mizuki Sumihama	(2003)	C01A6001	BL33LEP	中野 貴志	Photon Beam Asymmetries for the $p(\gamma, K^*)\lambda$ and $p(\gamma, K^*)\Sigma^0$ Reactions at SPring-8/LEPS
			C01B6001	BL33LEP	中野 貴志	
			C02A6001	BL33LEP	中野 貴志	
			C02B6001	BL33LEP	中野 貴志	
20895	Tsutomu Mibe	(2004)	C01A6001	BL33LEP	中野 貴志	Measurement of ϕ -meson Photoproduction Near Production Threshold with Linearly Polarized Photons
			C01B6001	BL33LEP	中野 貴志	
			C02A6001	BL33LEP	中野 貴志	
			C02B6001	BL33LEP	中野 貴志	
			C03A6001	BL33LEP	中野 貴志	
			C03B6001	BL33LEP	中野 貴志	
20896	Toru Matsumura	(2004)	C01A6001	BL33LEP	中野 貴志	Observation of Baryon Resonance in the $\gamma p \rightarrow \pi^0 n p$ Reaction at LEPS/SPring-8
			C01B6001	BL33LEP	中野 貴志	
			C02A6001	BL33LEP	中野 貴志	
			C02B6001	BL33LEP	中野 貴志	
			C03A6001	BL33LEP	中野 貴志	
			C03B6001	BL33LEP	中野 貴志	
24756	Masakazu Sugishima	(2004)	1999A0393	BL41XU	福山 恵一	Structural Basis for the Reaction Mechanism and Mechanism of Escaping from Product Inhibition in Heme Oxygenase
			1999B0389	BL41XU	福山 恵一	
			2002A0699	BL41XU	福山 恵一	
			2003A0431	BL41XU	福山 恵一	

博士論文 (大阪大学) -2

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
25764	Jong-Suck Jung	(2012)	2011A1129	BL25SU	木村 剛	Magnetodielectric Effect Coupled with Magnetization Reversal in Néel <i>N</i> -type Ferrimagnet SmMnO ₃

博士論文 (熊本大学)

22999	Akito Kawai	(2012)	2007B6927	BL44XU	宮本 秀一	Structural Studies of Genome Stability-Related Protein, PCNA and Uracil-DNA Glycosylase Isolated from the Thermophilic Archaeon <i>Sulfolobus tokodaii</i>
			2008B6831	BL44XU	宮本 秀一	
23000	Teruya Nakamura	(2010)	1999B0307	BL41XU	山縣 ゆり子	Structural Studies of Oxidized Nucleotide Hydrolases <i>E. coli</i> MutT and Human MTH1
			C00B7164	BL44XU	山縣 ゆり子	
			C01B7149	BL44XU	山縣 ゆり子	
			2002B0801	BL38B1	山縣 ゆり子	
			C02B7329	BL44XU	山縣 ゆり子	
			2003A0508	BL41XU	山縣 ゆり子	
			2003A0775	BL40B2	山縣 ゆり子	
			2007A6936	BL44XU	山縣 ゆり子	
			2007B6936	BL44XU	山縣 ゆり子	
			2007B1523	BL41XU	山縣 ゆり子	
			2008A6837	BL44XU	山縣 ゆり子	
			2003B0821	BL41XU	山縣 ゆり子	
			2004A0746	BL38B1	山縣 ゆり子	
			2004B0847	BL38B1	山縣 ゆり子	
C04B7124	BL44XU	山縣 ゆり子				
2005A0868	BL41XU	山縣 ゆり子				

博士論文 (名古屋工業大学)

19103	Hidetoshi Miyazaki	(2009)	2007A1253	BL43IR	木村 真一	Electronic Structure of Rare-Earth Ferromagnetic Semiconductor EuO Single Crystal by Photoemission and Infra-red Spectroscopies
			2007B1074	BL43IR	木村 真一	
26059	Eri Ito	(2013)	2011B1963	BL19B2	伊藤 恵利	Structure Analysis of Poly(dimethyl siloxane)-based Amphiphilic Hydrogel for Medical Device Applications
			2012A1741	BL19B2	山本 勝宏	
			2011B1161	BL40B2	山本 勝宏	

博士論文 (奈良先端科学技術大学院大学)

26326	Naoyuki Maejima	(2014)	2009A1753	BL25SU	大門 寛	Development of the Atomic and Electronic Structure Analysis Method for the Hetero Interface of Semiconductor Devices
			2010A1468	BL25SU	大門 寛	
			2009B1769	BL25SU	松井 文彦	
			2012B1487	BL25SU	堀田 昌宏	
			2013A1440	BL25SU	松井 文彦	
			2012A1548	BL25SU	前島 尚行	
26332	Hirosuke Matui	(2014)	2011B1689	BL25SU	松井 公佑	Study of Atomic Structure and Catalytic Property of Ni ₂ P and Related Surfaces by Photoelectron Diffraction Spectroscopy
			2012A1553	BL25SU	松井 公佑	
			2012B1680	BL25SU	松井 公佑	
			2013A1606	BL25SU	松井 公佑	

博士論文 (岩手大学)

26087	Takeshi Watanabe	(2014)	2009B2070	BL46XU	吉本 則之	Studies on Crystal Structure and Electronic Properties of Organic Semiconductor Thin Films using Synchrotron Radiation
			2010A1716	BL19B2	小金澤 智之	
			2010A1875	BL19B2	吉本 則之	
			2011A0036	BL19B2	吉本 則之	
			2011A1735	BL19B2	小金澤 智之	
			2011B0036	BL19B2	吉本 則之	
			2012A0036	BL19B2	吉本 則之	
			2012A1748	BL46XU	小金澤 智之	
			2012B1687	BL19B2	渡辺 剛	
			2013A1821	BL46XU	小金澤 智之	
			2013A0036	BL19B2	吉本 則之	
			2013A1831	BL46XU	渡辺 剛	

博士論文 (金沢大学)

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
25572	Luan Nguyen	(2013)	2012B1973	BL27SU	為則 雄祐	Trace Elements in Japanese Precious Corals as Indicators for Habitat and Growth Characteristics
			2012B1534	BL27SU	岩崎 望	
			2012A1847	BL27SU	為則 雄祐	
			2011B1202	BL27SU	為則 雄祐	
			2011A1751	BL27SU	岩崎 望	

博士論文 (九州大学)

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
19052	Rie Makiura	(2010)	2008A1580	BL13XU	牧浦 理恵	Construction and Development of Functional Nanostructures Based on Organic-Inorganic Hybrid Materials
			2008B1801	BL13XU	牧浦 理恵	
			2009A1703	BL13XU	牧浦 理恵	

博士論文 (京都工芸繊維大学)

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
18884	Kazuaki Matoba	(2011)	2008A6822	BL44XU	原田 繁春	Structural Studies of Targeted Proteins for Rational Design of Anti-parasitic Drugs
			2008B6822	BL44XU	原田 繁春	
			2009A6932	BL44XU	原田 繁春	
			2009B6932	BL44XU	原田 繁春	
			2010A6532	BL44XU	原田 繁春	
			2010B6532	BL44XU	原田 繁春	

博士論文 (筑波大学)

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
25027	Koichi Murata	(2013)	2013A1274	BL37XU	三木 一司	Introduction of Impurities into Silicon Crystal with Use of Nano Structures
			2012A1546	BL37XU	村田 晃一	
			2012B1664	BL37XU	村田 晃一	
			2011B1692	BL37XU	村田 晃一	

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
26128	Koki Ikemoto	(2014)	2012A1555	BL02B1	池本 晃喜	In Situ X-ray Observation of Chemical Reactions Using Porous Crystals
			2011B1180	BL02B1	安田 伸広	

博士論文 (東京工業大学)

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
25629	Hiroaki Konishi	(2013)	2012B1679	BL14B2	鈴木 耕太	Structure, Electrochemical Properties and Thermal Stability of Cathode Materials for Li-ion Battery

博士論文 (東北大学)

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
23384	Tao Li	(2013)	2012B1448	BL20XU	谷口 尚司	Turbulent Coagulation Rate of Inclusion Particle and Morphology of Cluster in Molten Metal
			2011B1395	BL20XU	谷口 尚司	

博士論文 (広島大学)

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
26127	Kenta Kuroda	(2014)	2010B3877	BL23SU	木村 昭夫	Investigation and Manipulation of Spin Polarized Direc Surface State in the Chalcogenide Topological Insulators
			2012B4908	BL15XU	木村 昭夫	

博士論文 (明治大学)

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
26243	Kohki Nagata	(2014)	2010B1843	BL46XU	小椋 厚志	Study of Structural and Chemical Analysis of Dielectric Film Formation Process for Semiconductor Large-Scale-Integrated-Circuit Using Synchrotron X-ray Radiation
			2010A1845	BL46XU	小椋 厚志	
			2012B1900	BL46XU	小椋 厚志	
			2013A1829	BL46XU	永田 晃基	
			2012A1597	BL46XU	小椋 厚志	
			2013A1833	BL46XU	小椋 厚志	
			2012B1900	BL46XU	小椋 厚志	
			2012B1730	BL46XU	小椋 厚志	
			2009A1927	BL46XU	小椋 厚志	
			2011A1726	BL46XU	小椋 厚志	

課題以外の成果として登録された論文

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	タイトル
26468	Takahiro Sato	425 (2013) 092009	理研	BL19LXU	Development of Ultrafast Pump and Probe Experimental System at SACLA
			XFEL	BL3	
26504	Kunio Hirata	425 (2013) 012002	理研	BL32XU	Achievement of Protein Micro-Crystallography at SPring-8 Beamline BL32XU
26531	Takaaki Hikima	425 (2013) 012011	装置&技術	BL41XU	3D Manipulation of Protein Microcrystals with Optical Tweezers for X-ray Crystallography
			理研	BL32XU	
			理研	BL45XU	

Physical Review B

26075	D. Choudhury	89 (2014) 104427	理研	BL44B2	Evolution of Magnetic and Structural Transitions and Enhancement of Magnetocaloric Effect in $\text{Fe}_{1-x}\text{Mn}_x\text{V}_2\text{O}_4$
26464	Yasuyuki Hirata	87 (2013) 161111(R)	理研	BL19LXU	Complex Orbital State Stabilized by Strong Spin-Orbit Coupling in a Metallic Iridium Oxide IrO_2

Acta Crystallographica Section D

26132	Lorien Parker	70 (2014) 392-404	理研	BL26B2	Kinase Crystal Identification and ATP-competitive Inhibitor Screening using the Fluorescent Ligand SKF86002
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Applied Physics Letters

26578	Tetsuo Katayama	103 (2013) 131105	XFEL	BL3	Femtosecond X-ray Absorption Spectroscopy with Hard X-ray Free Electron Laser
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Chemical Communications

23514	Hitomi Sawai	48 (2012) 6523-6525	理研	BL26B1	Structural Basis for Oxygen Sensing and Signal Transduction of the Heme-Based Sensor Protein Aer2 from <i>Pseudomonas aeruginosa</i>
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Dalton Transactions

26490	Kazuki Kajitani	42 (2013) 15893-15897	理研	BL44B2	Guest Responsivity of a Two-Dimensional Coordination Polymer Incorporating a Cholesterol-Based Co-Ligand
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Experimental Eye Research

26532	Naoto Yagi	116 (2013) 395-401	理研	BL45XU	Structural Changes in Rod outer Segments of Frog and Mouse after Illumination
			装置&技術	BL41XU	

Japanese Journal of Applied Physics

26354	Shinichi Honda	53 (2014) 02BD06	理研	BL17SU	Transformation of Multiwalled Carbon Nanotubes to Amorphous Carbon Nanorods under Ion Irradiation
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Journal of Applied Crystallography

26503	Brian Pauw	46 (2013) 365-371	理研	BL45XU	Improvements and Considerations for Size Distribution Retrieval from Small-Angle Scattering Data by Monte Carlo Methods
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The Journal of Biological Chemistry

26555	Koji Okajima	289 (2014) 413-422	理研	BL45XU	Light-induced Conformational Changes of LOV1 (Light Oxygen Voltage-sensing Domain 1) and LOV2 Relative to the Kinase Domain and Regulation of Kinase Activity in <i>Chlamydomonas</i> Phototropin
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Journal of Synchrotron Radiation

26473	Yoshihito Tanaka	21 (2014) 61-65	理研	BL19LXU	Controlling X-ray Beam Trajectory with a Flexible Hollow Glass Fibre
			理研	BL29XU	

Journal of the Physical Society of Japan

26433	Alfred Q. R. Baron	82 (2013) SA029	装置&技術	BL35XU	Toward Sub-meV, Momentum-Resolved, Inelastic X-Ray Scattering using a Nuclear Analyzer
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JSAEM Studies in Applied Electromagnetics and Mechanics

26012	Akihiko Mizuno	9 (2001) 309-310	加速器		Numerical Analysis for Low Emittance Electron Beam
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Macromolecular Chemistry and Physics

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
26562	Hironori Marubayashi	214 (2013) 2546-2561	理研	BL45XU	Biobased Copolymers Composed of L-Lactic Acid and Side-Chain-Substituted Lactic Acids: Synthesis, Properties, and Solid-State Structure

Physical Review Letters

26483	Y. K. Kim	111 (2013) 217001	理研	BL17SU	Existence of Orbital Order and its Fluctuation in Superconducting Ba[Fe _{1-x} Co _x] ₂ As ₂ Single Crystals Revealed by X-ray Absorption Spectroscopy
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Proceedings of 14th International Conference on the Application of Accelerators in Research and Industry

20532	Toshiaki Kobayashi	(1997) 761-764	加速器		Beam Monitors for SPring-8 Injector Accelerator
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Proceedings of the National Academy of Sciences of the United States of America

26725	Kazuki Kato	109 (2012) 16876-16881	理研	BL32XU	Crystal Structure of Enpp1, and Extracellular Glycoprotein Involved in Bone Mineralization and Insulin Signaling
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Proteins: Structure, Function, and Bioinformatics

25268	Yasuyuki Matoba	81 (2013) 2052-2058	理研	BL26B2	Crystallographic and Mutational Analyses of Tannase from <i>Lactobacillus plantarum</i>
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Review of Scientific Instruments

26857	Takashi Kameshima	85 (2014) 033110	理研	BL29XU	Development of an X-ray Pixel Detector with Multi-Port Charge-Coupled Device for X-ray Free-Electron Laser Experiments
			XFEL	BL3	

Science

26492	Hiroshi Sato	343 (2014) 167-170	理研	BL44B2	Self-Accelerating CO Sorption in a Soft Nanoporous Crystal
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Structure

26726	Kenichiro Yamagata	22 (2014) 345-352	理研	BL32XU	Structural Basis for Potent Inhibition of SIRT2 Deacetylase by a Macrocyclic Peptide Inducing Dynamic Structural Change
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