

最近 SPring-8 もしくは SACLA から発表された成果リスト

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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 29 年 1 月～3 月に登録されたもの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、実験責任者の方には、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 2017 年 1 月～3 月に登録された論文が掲載された主な雑誌と掲載論文数

掲載雑誌	登録論文数	掲載雑誌	登録論文数
放射光	27	Applied Physics Letters	8
Physical Review B	26	Journal of Synchrotron Radiation	7
Scientific Reports	24	Journal of the American Chemical Physics	7
Journal of Applied Physics	13	Nature Communications	7
Japanese Journal of Applied Physics	11	Physica B	7
The Journal of Physical Chemistry C	10	レーザー研究	7
Journal of the Physical Society of Japan	9	他全 218 誌、計 481 報	

(注意) グループ課題として設定されている課題群については、その論文がグループ課題の中の複数の課題の成果である場合でも、代表課題となっている課題番号のみ表示しています。グループ課題に複数のビームラインの課題が含まれる場合、代表課題が複数のビームラインで実施されたように表示されています。

課題の成果として登録された論文

Physical Review B-1

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
32734	S. Yamada	95 (2017) 035101	2013A1005	BL02B1	有馬 孝尚	Physical Properties and Crystal Structure Analysis of Double-Perovskite NdBaMn ₂ O ₆ by using Single Crystals
			2013B1006	BL02B1	有馬 孝尚	
			2014A1399	BL02B1	有馬 孝尚	
32747	Takeshi Matsumura	94 (2016) 184425	2014A3711	BL22XU	稲見 俊哉	Atomic Displacements and Lattice Distortion in the Magnetic-Field-Induced Charge-Ordered State of SmRu ₄ P ₁₂
			2014B3711	BL22XU	稲見 俊哉	
			2015A3711	BL22XU	稲見 俊哉	
32750	Junichi Yamaura	95 (2017) 020102(R)	2011A1184	BL10XU	山浦 淳一	Successive Spatial Symmetry Breaking under High Pressure in the Spin-Orbit-Coupled Metal Cd ₂ Re ₂ O ₇
32768	S. R. Park	89 (2014) 020506(R)	2007A1441	BL35XU	Reznik Dmitry	Evidence for a Charge Collective Mode Associated with Superconductivity in Copper Oxides from Neutron and X-ray Scattering Measurements of La _{2-x} Sr _x Cu ₄
			2009A1506	BL35XU	Reznik Dmitry	
32792	Takafumi Miyanaga	76 (2007) 035314	2000B0152	BL01B1	宮永 崇史	Atomic Distribution in In _x Ga _{1-x} N Single Quantum Wells Studied by Extended X-ray Absorption Fine Structure
			2002A0138	BL10XU	宮永 崇史	
			2002A0139	BL38B1	宮永 崇史	
			2003A0372	BL10XU	宮永 崇史	
32793	Keisuke Tomiyasu	70 (2004) 184411	2003A0580	BL02B1	富安 啓輔	Magnetic Structure of CoO Studied by Neutron and Synchrotron X-ray Diffraction
32807	Hirofumi Matsuhata	70 (2004) 134109	2001B2004	BL10XU	高田 昌樹	Phase Separation in Y _{1-x} Ca _x TiO ₃ Associated with the Insulator-to-Metal Transition: Observation by Transmission Electron Microscopy
			2001B0229	BL10XU	伊賀 文俊	
			2000B0053	BL02B2	伊賀 文俊	
			2001A0174	BL10XU	伊賀 文俊	
32808	D. Huo	71 (2005) 075113	2003A0247	BL02B2	伊賀 文俊	Structural, Transport, and Thermal Properties of the Single-Crystalline Type-VIII Clathrate Ba ₈ Ga ₁₆ Sn ₃₀
32817	Hitoshi Yamaoka	94 (2016) 165156	2014A4136	BL12B2	辻井 直人	Pressure-Induced Phase Transition in LaCo ₅ Studied by X-ray Emission Spectroscopy, X-ray Diffraction, and Density Functional Theory
			2014B4132	BL12B2	辻井 直人	
			2014B4261	BL12XU	辻井 直人	
			2014B4269	BL12XU	辻井 直人	
32888	Inge Serdons	70 (2004) 014109	2001B0461	BL09XU	那須 三郎	Isomer Shift Determination in Eu Compounds using Stroboscopic Detection of Synchrotron Radiation
32891	S. Kawasaki	77 (2008) 064508	2001A0004	BL10XU	高田 昌樹	Pressure-Induced Unconventional Superconductivity in the Heavy-Fermion Antiferromagnet CeIn ₃ : An ¹¹⁵ In-NQR Study under Pressure
32894	Kazunori Umeo	71 (2005) 064110	2002A0469	BL10XU	伊賀 文俊	Pressure Effects on the Phase Transitions and Energy Gap in CeRhAs
			2002B0421	BL10XU	伊賀 文俊	
			2003A0248	BL10XU	伊賀 文俊	
32913	Teruo Kanki	84 (2011) 085107	2009B4904	BL15XU	田中 秀和	Identifying Valence Band Structure of Transient Phase in VO ₂ Thin Films by Hard X-ray Photoemission
32976	Sara Fatale	94 (2016) 195131	2015B7499	BL07LSU	Griani Marco	Hybridization and Electron-Phonon Coupling in Ferroelectric BaTiO ₃ Probed by Resonant Inelastic X-ray Scattering
33024	Yuki Wakabayashi	95 (2017) 014417	2015B3881	BL23SU	藤森 淳	Origin of the Large Positive Magnetoresistance of Ge _{1-x} Mn _x Granular Thin Films
33028	Takanori Wakita	95 (2017) 085109	2013B1649	BL25SU	園山 純生	Ce 4f Electronic States of CeO _{1-x} F _x BiS ₂ Studied by Soft X-ray Photoemission Spectroscopy
33034	Jeongsoo Kang	68 (2003) 012410	2001B0028	BL25SU	Kang Jeongsoo	Resonant Photoemission Spectroscopy Study of Impurity-Induced Melting in Cr- and Ru-Doped Nd _{1/2} A _{1/2} MnO ₃ (A = Ca, Sr)
33039	Kurt Kummer	84 (2011) 245114	2009A1029	BL25SU	Vyalikh Denis	Intermediate Valence in Yb Compounds Probed by 4f Photoemission and Resonant Inelastic X-ray Scattering
33041	Hitoshi Fujii	90 (2014) 014430	2012A1006	BL25SU	島川 祐一	<i>Ab initio</i> Study of Electronic, Magnetic, and Spectroscopic Properties in A- and B-Site-Ordered Perovskite CaCu ₃ Fe ₂ Sb ₂ O ₁₂
33042	Shoya Sakamoto	95 (2017) 075203	2014B3881	BL23SU	藤森 淳	Origin of Robust Nanoscale Ferromagnetism in Fe-doped Ge Revealed by Angle-Resolved Photoemission Spectroscopy and First-Principles Calculation
33058	Kanako Fujii	95 (2017) 024116	2014B1849	BL39XU	石松 直樹	Relationship between Element-Selective Electronic States and Hydrogen Absorption Properties of Pd-M (M = Ru, Rh, Ag, and Au) Alloy
33220	Shigeki Fujiyama	86 (2012) 174414	2010B1317	BL02B1	藤山 茂樹	Weak Antiferromagnetism of J _{eff} = 1/2 Band in Bilayer Iridate Sr ₃ Ir ₂ O
			理研	BL19LXU		

Physical Review B-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
33418	Jonathan Pelliciani	95 (2017) 115152	2014A3502	BL11XU	石井 賢司	Local and Collective Magnetism EuFe ₂ As ₂
			2014B3502	BL11XU	石井 賢司	

Scientific Reports-1

32738	Wen-Ting Chen	6 (2016) 27729	2013B4001	BL12B2	Yin Hsien Sheng	Structure and Function of Chicken Interleukin-1 Beta Mutants: Uncoupling of Receptor Binding and <i>in vivo</i> Biological Activity
32829	Hidetaka Kasai	7 (2017) 41375	2006A0096	BL02B2	西堀 英治	Spatial Distribution of Electrons Near the Fermi Level in the Metallic LaB ₆ through Accurate X-ray Charge Density Study
			2009A0084	BL02B2	久保田 佳基	
			2015A0074	BL02B2	森吉 千佳子	
32896	Yoshihiko Imanaka	6 (2016) 35593	2015A5110	BL16XU	淡路 直樹	An Artificial Photosynthesis Anode Electrode Composed of a Nanoparticulate Photocatalyst Film in a Visible Light Responsive GaN-ZnO Solid Solution System
			2015A5410	BL16B2	淡路 直樹	
			2015B5110	BL16XU	淡路 直樹	
			2015B5410	BL16B2	淡路 直樹	
32917	Natalia Palina	7 (2017) 41264	2015B4907	BL15XU	小林 浩和	Electronic Structure Evolution with Composition Alteration of Rh _x Cu _y Alloy Nanoparticles
			2016A4904	BL15XU	小林 浩和	
			2015B1245	BL04B2	坂田 修身	
			2016A1292	BL04B2	坂田 修身	
32935	Ross T. Howie	6 (2016) 34896	2016A1041	BL10XU	Howie Ross	Formation of Xenon-Nitrogen Compounds at High Pressure
32937	Ryo Manabe	6 (2016) 38007	2016A1729	BL14B2	関根 泰	Surface Protonics Promotes Catalysis
32947	Jia Zhao	5 (2015) 17779	2015A4141	BL12B2	McLeod John	Reduced GeO ₂ Nanoparticles: Electronic Structure of a Nominal GeO _x Complex and Its Stability under H ₂ Annealing
32998	Miyuki Kinebuchi	6 (2016) 33247	2012B1002	BL37XU	松浦 晃洋	Diagnostic Copper Imaging of Menkes Disease by Synchrotron Radiation-Generated X-ray Fluorescence Analysis
			2006B1712	BL37XU	松浦 晃洋	
			2007A1852	BL37XU	松浦 晃洋	
			2008A1871	BL37XU	松浦 晃洋	
			2008B1986	BL37XU	松浦 晃洋	
			2009A1881	BL37XU	松浦 晃洋	
			2009B1925	BL37XU	松浦 晃洋	
			2010B1720	BL37XU	松浦 晃洋	
			2013A1010	BL37XU	松浦 晃洋	
			2015B1003	BL37XU	松浦 晃洋	
			2010A1341	BL37XU	松浦 晃洋	
2016B1003	BL37XU	松浦 晃洋				
33037	Hiroyuki Iwamoto	7 (2017) 42272	2010A1233	BL40XU	岩本 裕之	The Earliest Molecular Response to Stretch of Insect Flight Muscle as Revealed by Fast X-ray Diffraction Recording
			2010B1267	BL40XU	岩本 裕之	
			2011A1275	BL40XU	岩本 裕之	
			2012A1277	BL40XU	岩本 裕之	
			2012B1250	BL40XU	岩本 裕之	
33052	Norimasa Nishiyama	4 (2014) 6558	2013B1913	BL27SU	為則 雄祐	Fracture-Induced Amorphization of Polycrystalline SiO ₂ Stishovite: A Potential Platform for Toughening in Ceramics
			2014A1224	BL27SU	西山 宣正	
33060	Yuya Hanazono	6 (2016) 34654	2015A1077	BL41XU	竹田 一旗	Structural Studies of the N-terminal Fragments of the WW Domain: Insights into Co-Translational Folding of a Beta-Sheet Protein
33067	Akihisa Osakabe	7 (2017) 41783	2015A1020	BL41XU	胡桃坂 仁志	Polymorphism of Apyrimidinic DNA Structures in the Nucleosome
33111	Young-Ho Yoon	6 (2016) 35552	2011B2014	BL41XU	Samatey Fadel	Structural Insights into Bacterial Flagellar Hooks Similarities and Specificities
			2013A1880	BL41XU	Samatey Fadel	
			2013A6845	BL44XU	Samatey Fadel	
			2011A1466	BL41XU	Samatey Fadel	
			2010A6534	BL44XU	Samatey Fadel	
2009B2106	BL41XU	Samatey Fadel				
33137	I-Ming Lee	7 (2017) 42711	2015A4003	BL12B2	Huang Kai Fa	Structural Basis for Fragmenting the Exopolysaccharide of <i>Acinetobacter baumannii</i> by Bacteriophage ΦAB6 Tailspike Protein
33156	Charlene S. Stahr	6 (2016) 29438	2011B1182	BL20B2	Siu Karen	Quantification of Heterogeneity in Lung Disease with Image-Based Pulmonary Function Testing
33175	Kiyofumi Takaba	7 (2017) 43162	2012B1332	BL41XU	竹田 一旗	Distribution of Valence Electrons of the Flavin Cofactor in NADH-Cytochrome b ₅ Reductase
			2009B1300	BL41XU	竹田 一旗	
			2011A1353	BL41XU	竹田 一旗	
			2012A1264	BL41XU	竹田 一旗	
2014A1488	BL38B1	竹田 一旗				

Scientific Reports-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
33193	Atsushi Yamagata	5 (2015) 9686	2014B1357	BL41XU	深井 周也	Structure of Slitrk2-PTPδ Complex Reveals Mechanisms for Splicing-Dependent <i>trans</i> -Synaptic Adhesion
			2014A1294	BL41XU	深井 周也	
			2013B1252	BL41XU	深井 周也	
33194	Jianxing Chen	7 (2017) 40909	2014B1330	BL32XU	深井 周也	Crystal Structure of Sec10, a Subunit of the Exocyst Complex
			2015A1102	BL41XU	深井 周也	
			2016A2563	BL41XU	深井 周也	
			2014A1303	BL41XU	深井 周也	
33195	Sakurako Ito	7 (2017) 42123	2014B1484	BL41XU	深井 周也	Structural Basis of the Interaction between Topoisomerase IIIβ and the TDRD3 Auxiliary Factor
			2015A1105	BL41XU	深井 周也	
33197	Ae Kyung Park	6 (2016) 33903	2015A6560	BL44XU	金 翰佑	Structure and Catalytic Mechanism of Monodehydroascorbate Reductase, MDHAR, from <i>Oryza sativa</i> L. <i>japonica</i>
33214	Fang Hong	7 (2017) 44078	2014B1254	BL10XU	Yue Binbin	Significant Improvement in Mn ₂ O ₃ Transition Metal Oxide Electrical Conductivity via High Pressure
33296	Shigeyuki Takagi	7 (2017) 44253	2014B3602	BL14B1	齋藤 寛之	Formation of Novel Transmission Metal Hydride Complexes with Ninefold Hydrogen Coordination
33369	Yi-Ru Lee	6 (2016) 38071	2013B4006	BL12B2	Chan Nei Li	Structural Analysis of Glycine Sarcosine N-methyltransferase from <i>Methanocalophilus portucalensis</i> Reveals Mechanistic Insights into the Regulation of Methyltransferase Activity

Journal of Applied Physics

32789	Eider Goikolea	107 (2010) 09E317	2008A1567	BL01B1	Garitaonandia Jose	Magnetic and Structural Characterization of Thiol Capped Ferromagnetic Ag Nanoparticles
32790	Alexander Kolobov	117 (2015) 125308	2011B1519	BL01B1	Calarco Raffaella	Local Structure of Epitaxial GeTe and Ge ₂ Sb ₂ Te ₅ Films Grown on InAs and Si Substrates with (100) and (111) Orientations: An X-ray Absorption Near-Edge Structure Study
			2011B1044	BL01B1	Rodenbach Peter Josef	
32827	Konstantin D. Litasov	113 (2013) 133505	2009A1278	BL04B1	Fei Yingwei	Thermal Equation of State to 33.5 GPa and 1673 K and Thermodynamic Properties of Tungsten
			2009B1327	BL04B1	Fei Yingwei	
			2012B1289	BL04B1	Litasov Konstantin	
32828	Konstantin D. Litasov	113 (2013) 093507	2009A1278	BL04B1	Fei Yingwei	Thermal Equation of State and Thermodynamic Properties of Molybdenum at High Pressures
			2009B1327	BL04B1	Fei Yingwei	
			2012B1289	BL04B1	Litasov Konstantin	
32843	Soichiro Mizusaki	103 (2008) 07C910	J05A0513	BL08W	伊藤 真義	Magnetism of CaRu _{1-x} Mn _x O ₃ : Magnetic Compton Scattering Study
32901	Andrei Nikulin	109 (2011) 076106	2008A1132	BL13XU	Nikulin Andrei	Columnar Structure in Porous Silicon: Influence of Etching Time on Pore Dynamics and Ordering
32902	Masashi Tsujino	110 (2011) 126103	2008A1738	BL13XU	辻野 雅之	Synthesis of Submicron Metastable Phase of Silicon using Femtosecond Laser-Driven Shock Wave
32918	Masahiko Hashimoto	100 (2006) 103907	2002B0495	BL19B2	鈴木 彰	Local Crystal Structure and Local Electronic Structure around Cr in Low-Temperature-Grown GaCrN Layers
			2003A0251	BL19B2	寺口 信明	
33131	Mitsuharu Yonemura	107 (2010) 013523	2004A0257	BL46XU	米村 光治	Two-Dimensional Time-Resolved X-ray Diffraction Study of Dual Phase Rapid Solidification in Steels
			2004B0363	BL46XU	米村 光治	
			2006A1017	BL46XU	米村 光治	
33147	Takayuki Tashiro	117 (2015) 17E309	2012B1667	BL46XU	小嶋 隆幸	Structural and Magnetic Properties of FeNi Thin Films Fabricated on Amorphous Substrates
			2013B1590	BL46XU	水口 将輝	
33198	Yu Shiratsuchi	121 (2017) 073902	2013A1751	BL39XU	白土 優	Simultaneous Achievement of High Perpendicular Exchange Bias and Low Coercivity by Controlling Ferromagnetic/Antiferromagnetic Interfacial Magnetic Anisotropy
			2013B1267	BL25SU	白土 優	
			2014A0079	BL25SU	白土 優	
33304	Hiroyuki Fujishiro	121 (2017) 115104	2013A1093	BL01B1	藤代 博之	Electrical Resistivity Anomaly, Valence Shift of Pr Ion, and Magnetic Behavior in Epitaxial (Pr _{1-y} Y _y) _{1-x} Ca _x CoO ₃ Thin Films under Compressive Strain
			2016B1089	BL01B1	藤代 博之	
33354	Tomohiro Koyama	121 (2017) 123903	2015B0901	BL39XU	千葉 大地	Magnetization Switching by Spin-Orbit Torque in Pt with Proximity-Induced Magnetic Moment

Japanese Journal of Applied Physics-1

32910	Yoshinobu Miyamoto	50 (2011) 102401	2009B2054	BL14B2	宮本 快暢	Photoluminescence Characteristics of Mn ²⁺ Centers Selectively Substituted for Different Cations in CuAlS ₂
32911	Hiroshi Okura	51 (2012) 062602	2010A1847	BL14B2	大倉 央	X-ray Absorption Fine Structure Analysis of Valence State of Ce in Y ₃ Al ₅ O ₁₂ :Ce Phosphor Synthesized by Coprecipitation Method
33021	Ryo Yoshimatsu	56 (2017) 032601	2015A1708	BL14B2	石垣 雅	Correlational Analysis of Eu ³⁺ Charge Transfer State using La Effective Charge in La-Based Mixed-Anion Host Compounds
			2014B1647	BL14B2	石垣 雅	

Japanese Journal of Applied Physics-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
33053	Sadaharu Jo	53 (2014) 115506	2004A0212	BL28B2	安宅 光雄	Growth Process of Pentacene Crystals Obtained by Physical Vapor Transport Technique
			2005B0363	BL28B2	城 貞晴	
			2006B1278	BL28B2	城 貞晴	
33093	Paul Fons	46 (2007) 3711-3714	2005A0004	BL01B1	Fons Paul	Sub-Nanosecond Time-Resolved Structural Measurements of the Phase-Change Alloy Ge ₂ Sb ₂ Te ₅
			2005A0561	BL14B1	Kolobov Alexander	
33139	Haruki Sumi	49 (2010) 076201	2008A1858	BL47XU	池永 英司	Effect of Carrier Gas (Ar and He) on the Crystallographic Quality of Networked Nanographite Grown on Si Substrates by Photoemission-Assisted Plasma-Enhanced Chemical Vapor Deposition
			2008B1997	BL47XU	池永 英司	
33154	Tomoko Hishida	54 (2015) 083201	2011A1420	BL47XU	池永 英司	Laboratory Hard X-ray Photoelectron Spectroscopy of La _{1-x} Sr _x MnO ₃
			2011B1710	BL47XU	和達 大樹	
33157	Motonobu Sato	51 (2012) 04DB01	2011A1775	BL47XU	室 隆桂之	Fabrication of Graphene Directly on SiO ₂ without Transfer Processes by Annealing Sputtered Amorphous Carbon
33188	Yoichiro Ogata	56 (2017) 041101	2014B1599	BL14B2	小形 曜一郎	X-ray Absorption Fine Structure Analysis of Molybdenum Added to BaTiO ₃ -based Ceramics Used for Multilayer Ceramic Capacitors
33202	Hitoshi Osawa	56 (2017) 048001	2009A1456	BL13XU	大沢 仁志	Development of High-Repetition-Rate X-ray Chopper System for Time-Resolved Measurements with Synchrotron Radiation
			2009B1259	BL13XU	大沢 仁志	
			2010A1354	BL13XU	大沢 仁志	
			2010B1422	BL13XU	大沢 仁志	
			2011A1360	BL13XU	大沢 仁志	
2012B1987	BL39XU	大沢 仁志				
33364	Kenji Ito	56 (2017) 04CG07	2015B1344	BL47XU	片岡 恵太	Band Offset of Al _{1-x} Si _x O ₃ Mixed Oxide on GaN Evaluated by Hard X-ray Photoelectron Spectroscopy

The Journal of Physical Chemistry C-1

32751	Mustafa Al Samarai	120 (2016) 24063-24069	2014A4255	BL12XU	Al Samarai Mustafa	1s3p Resonant Inelastic X-ray Scattering of Cobalt Oxides and Sulfides
			2014B4262	BL12XU	De Groot Frank	
32757	Kaori Takeuchi	121 (2017) 2807-2814	2015A7490	BL07LSU	山本 達	Adsorption of CO ₂ on Graphene: A Combined TPD, XPS, and vdW-DF Study
			2015A7491	BL07LSU	吉信 淳	
32777	Masaaki Yoshida	121 (2017) 255-260	2015B1082	BL01B1	吉田 真明	Integration of Active Nickel Oxide Clusters by Amino Acids for Water Oxidation
32812	Titus Masese	119 (2015) 10206-10211	2012B1018	BL02B2	内本 喜晴	Crystal Structural Changes and Charge Compensation Mechanism during Two Lithium Extraction/Insertion between Li ₂ FeSiO ₄ and FeSiO ₄
			2012A1022	BL02B2	内本 喜晴	
			2011B1029	BL02B2	内本 喜晴	
32832	Takashi Nakamura	121 (2017) 2118-2124	2015B1991	BL37XU	新田 清文	Visualization of Inhomogeneous Reaction Distribution in the Model LiCoO ₂ Composite Electrode of Lithium Ion Batteries
32921	Yufei Zhong	119 (2015) 23-28	2013B1719	BL19B2	尾坂 格	Crystallization-Induced Energy Level Change of [6,6]-Phenyl-C ₆₁ -Butyric Acid Methyl Ester (PCBM) Film: Impact of Electronic Polarization Energy
32925	Kenichi Ozawa	120 (2016) 29283-29289	2014A7463	BL07LSU	小澤 健一	What Determines the Lifetime of Photoexcited Carriers on TiO ₂ Surfaces?
			2015A7487	BL07LSU	小澤 健一	
32985	Takuma Kaneko	120 (2016) 24250-24264	2011B1015	BL01B1	横山 利彦	Key Structural Kinetics for Carbon Effects on the Performance and Durability of Pt/Carbon Cathode Catalysts in Polymer Electrolyte Fuel Cells Characterized by In Situ Time-Resolved X-ray Absorption Fine Structure
			2011B1017	BL40XU	横山 利彦	
			2011B1038	BL40XU	岩澤 康裕	
			2012A1004	BL40XU	岩澤 康裕	
			2012A1013	BL40XU	横山 利彦	
			2012A1014	BL01B1	横山 利彦	
			2012B1022	BL01B1	岩澤 康裕	
			2013A7801	BL36XU	岩澤 康裕	
			2013A7802	BL36XU	岩澤 康裕	
			2013B7806	BL36XU	岩澤 康裕	
			2014A7801	BL36XU	岩澤 康裕	
			2014B7803	BL36XU	岩澤 康裕	
			2015A7803	BL36XU	岩澤 康裕	
			2015A7804	BL36XU	岩澤 康裕	
			2015B7805	BL36XU	岩澤 康裕	
2015B7801	BL36XU	岩澤 康裕				
2015B7803	BL36XU	岩澤 康裕				
2016A7802	BL36XU	岩澤 康裕				

The Journal of Physical Chemistry C-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
33094	Akihiro Okamoto	112 (2008) 19777-19783	2007A1640	BL39XU	中村 龍平	Anchored Oxo-Bridged Bimetallic Complexes, (SiO) ₂ -Ti-O-Fe(corrall), on Silica Mesopores as Multi-Electron-Transfer Photosystems
33107	Satoshi Ishikawa	119 (2015) 7195-7206	2011B1181	BL40XU	安田 伸広	Redox Treatment of Orthorhombic Mo ₂₉ V ₁₁ O ₁₁₂ and Relationships between Crystal Structure, Microporosity and Catalytic Performance for Selective Oxidation of Ethane
			2012A1161	BL40XU	安田 伸広	
			2014A1316	BL40XU	安田 伸広	

Journal of the Physical Society of Japan

32730	Naomi Kawamura	86 (2017) 014711	2010A1963	BL39XU	河村 直己	Lifetime-Broadening-Suppressed X-ray Absorption Spectrum of β -YbAlB ₄ Deduced from Yb 3d \rightarrow 2p Resonant X-ray Emission Spectroscopy
			2010B1349	BL39XU	松田 康弘	
			2011B2094	BL39XU	河村 直己	
			2011B2097	BL39XU	河村 直己	
			2012A1173	BL39XU	松田 康弘	
			2012A1843	BL39XU	河村 直己	
			2012B0046	BL39XU	渡辺 真仁	
			2012B1976	BL39XU	河村 直己	
32759	Mihee Lee	86 (2017) 024706	2014A1671	BL39XU	李 美希	Perpendicular Magnetic Anisotropy and Induced Magnetic Structures of Pt Layer in the Fe/Pt Multilayers Investigated by Resonant X-ray Magnetic Scattering
32822	Toshiaki Fujita	73 (2004) 1987-1997	2003A5004	BL10XU	高田 昌樹	Transport and Magnetic Studies on the Spin State Transition of Pr _{1-x} Ca _x CoO ₃ up to High Pressure
32899	Tatsuo C. Kobayashi	82 (2013) 114701	2008A1505	BL10XU	武田 圭生	Valence Crossover of Ce Ions in CeCu ₂ Si ₂ under High Pressure -Pressure Dependence of the Unit Cell Volume and the NQR Frequency-
			2002A3004	BL10XU	高田 昌樹	
32968	Shinichi Nakamura	86 (2017) 023706	2016A3561	BL11XU	中村 真一	Crystal-Site-Selective Spectrum of Fe ₃ O ₄ Obtained by Mössbauer Diffraction
33092	Shin Uegaki	82 (2013) 024711	2004B0154	BL39XU	壬生 攻	Depth Profile of Induced Magnetic Polarization in Au Layers of Fe/Au(001) Metallic Superlattice by Resonant X-ray Magnetic Scattering at High Angle Region
			2005A0291	BL39XU	大河内 拓雄	
33172	Yuu Tsuchiya	86 (2017) 033705	2015B1301	BL10XU	小林 寿夫	Pressure-induced Phase Transition in K _x Fe _{2-y} S ₂

Journal of Synchrotron Radiation-1

32749	Junya Sakamoto	24 (2017) 95-102	2014A3713	BL22XU	大和田 謙二	Design of a Prototype Split-and Delay Unit for XFEL Pulses, and Their Evaluation by Synchrotron Radiation X-rays
			2014B3713	BL22XU	大和田 謙二	
32802	Kazuya Hasegawa	24 (2017) 29-41	2014A1001	BL41XU	山本 雅貴	Development of a Dose-Limiting Data Collection Strategy for Serial Synchrotron Rotation Crystallography
			2014B1002	BL41XU	山本 雅貴	
			2015A1001	BL41XU	山本 雅貴	
			2015B1035	BL41XU	山本 雅貴	
			2015B1650	BL41XU	山本 雅貴	
			2016A1001	BL41XU	山本 雅貴	
			2014A1464	BL41XU	長谷川 和也	
			2014B1450	BL41XU	長谷川 和也	
			2015A1094	BL41XU	長谷川 和也	
			2014A1900	BL41XU	奥村 英夫	
			2014B2058	BL41XU	奥村 英夫	
			2015A2063	BL41XU	奥村 英夫	
32813	M. Ruiz-Lopez	24 (2017) 196-204	2014A8045	BL3	尾崎 典雅	Coherent X-ray Beam Metrology using 2D High-Resolution Fresnel-Diffraction Analysis
			2014B8068	BL3	尾崎 典雅	
32889	Laszlo Deak	22 (2015) 385-392	2002B0239	BL09XU	Bottyan Laszlo	Stroboscopic Detection of Nuclear Resonance in an Arbitrary Scattering Channel
33014	Marek Brancewicz	23 (2016) 244-252	2015A2046	BL08W	伊藤 真義	A Monte Carlo Study of High-Energy Photon Transport in Matter: Application for Multiple Scattering Investigation in Compton Spectroscopy
			2015B2010	BL08W	伊藤 真義	

Journal of Synchrotron Radiation-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
33182	Keisuke Kitahara	24 (2017) 456-462	2013A1688	BL37XU	武田 志乃	Uranium XAFS Analysis of Kidney from Rats Exposed to Uranium
			2013A1750	BL01B1	武田 志乃	
			2013B1747	BL37XU	武田 志乃	
			2014A1720	BL37XU	武田 志乃	
			2014B1311	BL37XU	武田 志乃	
			2015B1430	BL37XU	武田 志乃	
33237	Jun Miyawaki	24 (2017) 449-455	2014B7474	BL07LSU	宮脇 淳	A Compact Permanent-Magnet System for Measuring Magnetic Circular Dichroism in Resonant Inelastic Soft X-ray Scattering
			2015A7489	BL07LSU	宮脇 淳	
			2015B7497	BL07LSU	宮脇 淳	

Nature Communications

32756	Takunari Kono	8 (2017) 14007	2014A6947	BL44XU	松村 浩由	A RuBisCO-mediated Carbon Metabolic Pathway in Methanogenic Archaea
			2015B6538	BL44XU	松村 浩由	
			2012B6640	BL44XU	松村 浩由	
			2013A6848	BL44XU	松村 浩由	
			2013B6848	BL44XU	松村 浩由	
			2014B6947	BL44XU	松村 浩由	
32816	Wei-Tin Chen	5 (2014) 3909	2012A1006	BL39XU	島川 祐一	A Half-Metallic A- and B-Site-Ordered Quadruple Perovskite Oxide CaCu ₃ Fe ₂ Re ₂ O ₁₂ with Large Magnetization and a High Transition Temperature
			2013B1011	BL25SU	島川 祐一	
32936	Kuglae Kim	7 (2016) 12677	2015B1053	BL41XU	Cho Hyun soo	Crystal Structure and Functional Characterization of a Light-Driven Chloride Pump having an NTQ Motif
			2015B1053	BL32XU	Cho Hyun soo	
33000	Seshiru Nakazawa	7 (2016) 12547	2014A1109	BL41XU	石井 亮平	Linear Ubiquitination is Involved in the Pathogenesis of Optineurin-Associated Amyotrophic Lateral Sclerosis
33030	Haruna Takao	8 (2017) 14397	2009A1183	BL38B1	和田 啓	A Substrate-Bound Structure of Cyanobacterial Biliverdin Reductase Identifies Stacked Substrates as Critical for Activity
			2009B1219	BL38B1	和田 啓	
			2013A6863	BL44XU	和田 啓	
			2013B6863	BL44XU	和田 啓	
			2014A6963	BL44XU	和田 啓	
			2014B6963	BL44XU	和田 啓	
			2015A6557	BL44XU	和田 啓	
			2015B6557	BL44XU	和田 啓	
			2016A6622	BL44XU	杉島 正一	
2016A6655	BL44XU	和田 啓				
33129	Youichi Naoe	7 (2016) 13411	2013A1365	BL41XU	杉本 宏	Crystal Structure of Bacterial Haem Importer Complex in the Inward-Facing Conformation
			2013B1206	BL41XU	杉本 宏	
			2014A1394	BL41XU	杉本 宏	
			2014B1389	BL41XU	杉本 宏	
			2015A1120	BL32XU	杉本 宏	
			2016A2571	BL32XU	杉本 宏	
33303	Basudev Maity	8 (2017) 14820	2016A2559	BL26B1	安部 聡	Observation of Gold Sub-Nanocluster Nucleation within a Crystalline Protein Cage
			2015A1055	BL26B1	安部 聡	
			2014A1182	BL38B1	安部 聡	
			2014B1249	BL38B1	安部 聡	
			2014B1067	BL38B1	上野 隆史	

Applied Physics Letters-1

32791	B. S. D. Ch. S. Varaprasad	104 (2014) 222403	2013B1917	BL01B1	宇留賀 朋哉	Mechanism of Coercivity Enhancement by Ag Addition in FePt-C Granular Films for Heat Assisted Magnetic Recording Media
32811	Hongze Xia	110 (2017) 043102	2014B1545	BL35XU	Conibeer Gavin	Inelastic X-ray Scattering Measurements of III-V Multiple Quantum Wells
			2013B1883	BL35XU	内山 裕士	
32981	Hiroshi Oka	110 (2017) 032104	2015B1226	BL13XU	志村 考功	Fabrication of Tensile-Strained Single-Crystalline GeSn on Transparent Substrate by Nucleation-Controlled Liquid-Phase Crystallization
33051	Alexander Kolobov	100 (2012) 061910	2010B1703	BL27SU	Kolobov Alexander	Local Structure of Nitrogen in N-Doped Amorphous and Crystalline GeTe

Applied Physics Letters-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
33099	Shinichi Shikata	110 (2017) 072106	2015B1795	BL27SU	鹿田 真一	X-ray Absorption Fine Structure Study of Heavily P Doped (111) and (001) Diamond
33144	Nicholas Hartley	110 (2017) 071905	2012A8015	BL3	丹下 慶範	Ultrafast Observation of Lattice Dynamics in Laser-Irradiated Gold Foils
			2012B8015	BL3	丹下 慶範	
			2012B8046	BL3	田中 和夫	
			2013B8063	BL3	尾崎 典雅	
			2014A8045	BL3	尾崎 典雅	
			2015A8066	BL3	尾崎 典雅	

Physica B

32801	Katsuhiko Inagaki	404 (2009) 396-398	2007A0010	BL02B1	寺崎 一郎	Commensurate-Incommensurate Transition of Charge Density Waves in α -TaS ₃
32890	Yoko Yoshino	273-274 (1999) 781-783	1999A0117	BL10XU	財部 健一	Optical Ionization of DX Center in AlGaAs : Se by Inner-Shell Excitation
32893	Masashi Ishii	340-342 (2003) 1142-1146	2001B0503	BL10XU	石井 真史	X-ray Absorption Measurement by Scanning Capacitance Microscopy
			2002B0586	BL10XU	石井 真史	
32898	Keiki Takeda	359-361 (2005) 1312-1314	2002A3004	BL10XU	高田 昌樹	Pressure-Induced Charge Ordering of LiV ₂ O ₄
			2003B6004	BL10XU	高田 昌樹	
33089	Hiroshi Maruyama	351 (2004) 328-332	2000A0383	BL39XU	圓山 裕	XMCD Study of Magnetic Phase Transition in Mn ₃ ZnC Perovskite
			2003A0652	BL39XU	圓山 裕	
33091	Yoshihiko Inada	359-361 (2005) 1054-1056	2002B0617	BL39XU	稲田 佳彦	XMCD Study on Ferromagnetic Superconductor UGe ₂

Journal of the American Chemical Society

32794	Ljupco Pejov	139 (2017) 2318-2328	2014A1826	BL43IR	森脇 太郎	Probing Structural Perturbation in a Bent Molecular Crystal with Synchrotron Infrared Microspectroscopy and Periodic Density Functional Theory Calculations
32823	Youwen Long	131 (2009) 16244-16247	2008B1222	BL27SU	水牧 仁一朗	Various Valence States of Square-Coordinated Mn in A-Site-Ordered Perovskites
			2009A1006	BL27SU	島川 祐一	
33019	Ayako Tanaka	139 (2017) 1718-1721	2012A6713	BL44XU	神谷 信夫	Two Different Structures of the Oxygen-Evolving Complex in the Same Polypeptide Frameworks of Photosystem II
			2012B6713	BL44XU	神谷 信夫	
			2013B6814	BL44XU	神谷 信夫	
			2014A6916	BL44XU	神谷 信夫	
			2014B6916	BL44XU	神谷 信夫	
			2015A1118	BL38B1	神谷 信夫	
			2015A6512	BL44XU	神谷 信夫	
			2015B6512	BL44XU	神谷 信夫	
			2015B1045	BL26B1	神谷 信夫	
			2016A2576	BL26B1	神谷 信夫	
			2011B1059	BL13XU	山崎 裕史	
			2011B6613	BL44XU	神谷 信夫	
33152	Hidenori Hiramatsu	132 (2010) 15060-15067	2010A1638	BL47XU	細野 秀雄	Origins of Hole Doping and Relevant Optoelectronic Properties of Wide Gap p-Type Semiconductor, LaCuOSe
33307	Takayuki Yamamoto	139 (2017) 1392-1395	2014B1783	BL10XU	山本 貴之	The Room-Temperature Superionic Conductivity of Silver Iodide Nanoparticles under Pressure
			2015A1835	BL10XU	山本 貴之	
			2015B1701	BL10XU	山本 貴之	
			2016A1661	BL10XU	山本 貴之	

Macromolecules

32922	Atsushi Noro	49 (2016) 8971-8979	2014A1486	BL40B2	野呂 篤史	Enthalpy-Driven Swelling of Photonic Block Polymer Films
33102	Hideaki Yokoyama	41 (2008) 8626-8631	2006A1408	BL40B2	横山 英明	Horizontally and Vertically Aligned Polymeric Nanosheets: CO ₂ -Induced Morphological Changes of Block Copolymer Thin Films
33105	Takumi Takano	45 (2012) 3859-3865	2010B1884	BL40B2	増永 啓康	PEDOT Nanocrystal in Highly Conductive PEDOT:PSS Polymer Films
			2011A1496	BL40B2	増永 啓康	
33328	Shuhei Nozaki	50 (2017) 1008-1015	2013B1186	BL40XU	小椎尾 謙	Superior Properties of Polyurethane Elastomers Synthesized with Aliphatic Diisocyanate Bearing a Symmetric Structure
			2012B1506	BL40XU	小椎尾 謙	
33396	Taiyo Yoshioka	50 (2017) 2803-2813	2013A1285	BL40B2	吉岡 太陽	Observation of Water-Stimulated Supercontraction of Uniaxially Oriented Poly(vinyl alcohol) and the Related Hierarchical Structure Change Revealed by the Time-Resolved WAXD/SAXS Measurements
			2013B1475	BL40B2	吉岡 太陽	

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
33257	Tsuyoshi Yamamoto	55 (2016) 6207-6210	2015A1042	BL38B1	原 幸大	Oxidative <i>trans</i> to <i>cis</i> Isomerization of Olefins in Polyketide Biosynthesis
33290	Yoshiteru Hosaka	56 (2017) 4243-4246	2016A1622	BL02B2	保坂 祥輝	Successive Charge Transitions of Unusually High-Valence Fe ^{3.5+} : Charge Disproportionation and Intermetallic Charge Transfer
33309	Soichiro Nakatsuka	56 (2017) 5087-5090	2014B1815	BL40XU	高谷 光	Divergent Synthesis of Heteroatom-Centered 4,8,12-Triazatriangulenes
			2015A1320	BL40XU	畠山 琢次	
			2015A0114	BL40XU	高谷 光	
			2016A1052	BL40XU	畠山 琢次	
33323	Ryota Hashiguchi	56 (2017) 3838-3841	2016B1442	BL02B2	大坪 主弥	Mixed-Valence Nickel Bis(azamacrocyclic) Compounds with Ghost-Leg-Type Sheets
			2015B1316	BL02B1	北川 宏	
			2015A1523	BL02B1	北川 宏	

Chemical Communications

32999	Kazuhiro Shikinaka	53 (2017) 613-616	2015B1251	BL45XU	敷中 一洋	Quasi-Solid Electrolyte: A Thixotropic Gel of Imogolite and an Ionic Liquid
33115	Kousuke Ono	50 (2014) 13683-13686	2013A1052	BL40XU	安田 伸広	Procedure-Dependent Construction of Two Isomers of Trimeric Self-Assembled Boronic Esters
33178	Shinobu Aoyagi	50 (2014) 524-526	2009B0027	BL02B1	北浦 良	A Cubic Dipole Lattice of Water Molecules Trapped Inside Carbon Cages
33342	Guangqin Li	50 (2014) 13750-13753	2013B1446	BL02B2	小林 浩和	An Ordered bcc CuPd Nanoalloy Synthesised <i>via</i> the Thermal Decomposition of Pd Nanoparticles Covered with a Metal-Organic Framework under Hydrogen Gas
			2014A1478	BL02B2	小林 浩和	

Journal of Physics: Condensed Matter

32995	Masato Kotsugi	26 (2014) 064206	2007A2119	BL19B2	小綱 真人	Structural, Magnetic and Electronic State Characterization of L1 ₀ -type Ordered FeNi Alloy Extracted from a Natural Meteorite
			2007A2032	BL39XU	小綱 真人	
			2011B1472	BL17SU	小綱 真人	
33029	Cong Lu	29 (2017) 045702	2014B1523	BL39XU	中島 伸夫	Observation of the Flexoelectricity of a SrTiO ₃ Single Crystal by X-ray Absorption and Emission Spectroscopies
			2015A1570	BL39XU	中島 伸夫	
33134	Takanori Wakita	29 (2016) 064001	2009B1697	BL27SU	岡崎 宏之	Electronic Structure of K-doped Picene Film on HOPG
			2012B1692	BL25SU	蛇淵 泰平	
			2013B1708	BL19B2	蛇淵 泰平	
33294	Koichi Murata	29 (2017) 155001	2011B1692	BL37XU	村田 晃一	Dopant Activation Mechanism of Bi Wire- δ -Doping into Si Crystal, Investigated with Wavelength Dispersive Fluorescence X-ray Absorption Fine Structure and Density Functional Theory
			2012A1546	BL37XU	村田 晃一	
			2012B1664	BL37XU	村田 晃一	

Physical Chemistry Chemical Physics

32837	Jadna Catafesta	16 (2014) 12202-12208	2008A1965	BL04B2	小原 真司	Confined H ₂ O Molecules as Local Probes of Pressure-Induced Amorphisation in Faujasite
33070	Ryo Sasai	19 (2017) 5611-5616	2014B1744	BL02B2	Soomtomchaiyakul Wasusate	Photoinduced Electron Transfer in Layer-by-Layer Thin Solid Films Containing Cobalt Oxide Nanosheets, Porphyrin, and Methyl Viologen
33148	Zhenji Han	17 (2015) 3783-3795	2013B1546	BL46XU	駒場 慎一	Electrochemical Lithiation Performance and Characterization of Silicon-Graphite Composites with Lithium, Sodium, Potassium, and Ammonium Polyacrylate Binders
			2013A1399	BL46XU	駒場 慎一	
33222	Yasumasa Takagi	19 (2017) 6013-6021	2014A7810	BL36XU	横山 利彦	<i>In situ</i> Study of Oxidation States of Platinum Nanoparticles on a Polymer Electrolyte Fuel Cell Electrode by Near Ambient Pressure Hard X-ray Photoelectron Spectroscopy
			2014A7811	BL36XU	横山 利彦	
			2014B7810	BL36XU	横山 利彦	
			2014B7811	BL36XU	横山 利彦	
			2015A7810	BL36XU	横山 利彦	

Review of Scientific Instruments-1

33015	Marek Brancewicz	87 (2016) 085106	2014A1898	BL08W	伊藤 真義	High Transmission Ni Compound Refractive Lens for High Energy X-rays
			2014B2043	BL08W	伊藤 真義	
			2013B1924	BL08W	伊藤 真義	
33016	Keiji Umetani	84 (2013) 034302	2008A1490	BL28B2	梅谷 啓二	X-ray Intravital Microscopy for Functional Imaging in Rat Hearts using Synchrotron Radiation Coronary Microangiography
			2010A1917	BL28B2	梅谷 啓二	

Review of Scientific Instruments-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
33047	Takashi Imazono	76 (2005) 023104	2004B0748	BL27SU	木村 洋昭	Performance of a Reflection-Type Polarizer by Use of Muscovite Mica Crystal in the Soft X-ray Region of 1 keV
33063	Keiji Umetani	85 (2014) 073704	2012A1440	BL28B2	近藤 威	Phase Contrast Portal Imaging using Synchrotron Radiation
			2012B1568	BL28B2	近藤 威	

放射光 (Journal of the Japanese Society for Synchrotron Radiation Research)

33276	Yoshinori Nishino	28 (2015) 18-24	2012A8034	BL3	西野 吉則	Live Cell Nano-Imaging by using X-ray Free-Electron Laser
			2012B8039	BL3	西野 吉則	
			2013A8046	BL3	西野 吉則	
33277	Shinya Yoshikawa	28 (2015) 56-66	2014A8036	BL3	吾郷 日出夫	A Damage-Free Structural Determination of the Highly X-ray Irradiation-Sensitive Active Site of Bovine Heart Cytochrome <i>c</i> Oxidase by the Femtosecond X-ray Laser Crystallography using SACLA
33287	Keitaro Yamashita	29 (2016) 204-212	2014A8032	BL3	岩田 想	Experimental Phasing with Serial Femtosecond Crystallography using Anomalous Dispersion
			2013B8045	BL3	岩田 想	
33291	Masaki Oura	29 (2016) 14-22	2013A8050	BL3	大浦 正樹	Hard X-ray Photoelectron Spectroscopy Experiment at SACLA ~Towards Femtosecond Time-Resolved Measurement~
			2013B8067	BL3	大浦 正樹	
			2014B8019	BL3	松波 雅治	
			2015A8016	BL2	大浦 正樹	
			理研	BL19LXU		

ACS Applied Materials & Interfaces

32780	Evelyn Handick	9 (2017) 3581-3589	2014A1729	BL47XU	Wilks Regan	Formation of a K-In-Se Surface Species by NaF/KF Postdeposition Treatment of Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers
			2015A4600	BL15XU	Gerlach Dominic	
32930	Valeri Petkov	7 (2015) 23265-23277	2015A4127	BL12B2	Chen Tsan Yao	3D Atomic Arrangement at Functional Interfaces Inside Nanoparticles by Resonant High-Energy X-ray Diffraction
33059	Kohtaro Takahashi	9 (2017) 8211-8218	2015A1842	BL19B2	高橋 功太郎	Engineering Thin Films of a Tetrabenzoporphyrin toward Efficient Charge-Carrier Transport: Selective Formation of a Brickwork Motif
			2015A1683	BL19B2	鈴木 充朗	
			2015A1965	BL46XU	小金澤 智之	
			2015B1769	BL19B2	高橋 功太郎	

Acta Crystallographica Section F

32770	Noor Dina Muhd Noor	72 (2016) 53-58	2014A6925	BL44XU	柴田 直樹	Improved Purification, Crystallization and Crystallographic Study of Hyd-2-type [NiFe]-hydrogenase from <i>Citrobacter</i> sp. S-77
			2014B6925	BL44XU	柴田 直樹	
			2015A6700	BL44XU	中川 敦史	
33088	Shoko Hashimoto	68 (2012) 476-478	2010B2011	BL38B1	馬場 清喜	Crystallization and Preliminary Crystallographic Analysis of the Complex between Triiodothyronine and the <i>bb'</i> Fragment of Rat Protein Disulfide Isomerase
33249	Yuzu Ikegaya	71 (2015) 668-670	2014B1990	BL26B2	原 幸大	Crystallographic Study of a Novel DNA-Binding Domain of Human HLTf Involved in the Template-Switching Pathway to Avoid the Replication Arrest Caused by DNA Damage

American Mineralogist

32833	Anton Shatskiy	98 (2013) 11-12	2010B1308	BL04B1	Shatskiy Anton	Melting and Subsolvus Phase Relations in the System Na ₂ CO ₃ -MgCO ₃ ±H ₂ O at 6 GPa and the Stability of Na ₂ Mg(CO ₃) ₂ in the Upper Mantle
			2011B1416	BL04B1	Shatskiy Anton	
			2011B1163	BL04B1	Shatskiy Anton	
			2012B1548	BL04B1	Shatskiy Anton	
33177	Shohei Kaneko	100 (2015) 1308-1311	2009B0028	BL10XU	大谷 栄治	Discovery of Stishovite in Apollo 15299 Sample
			2012B1062	BL10XU	大谷 栄治	
			2013A1496	BL10XU	大谷 栄治	
			2013B0104	BL10XU	大谷 栄治	
33205	Anna Dymshits	100 (2015) 378-384	2011B1091	BL04B1	Litasov Konstantin	In situ Observation of the Pyroxene-Majorite Transition in Na ₂ MgSi ₆ O ₁₂ using Synchrotron Radiation and Raman Spectroscopy of Na-Majorite
			2012A1416	BL04B1	Litasov Konstantin	
			2012B1289	BL04B1	Litasov Konstantin	

Applied Surface Science-1

32916	Ryutaro Yasuhara	254 (2008) 4757-4761	2006A1657	BL17SU	尾嶋 正治	Application of Spectroscopic Photoemission and Low Energy Electron Microscope to High- <i>k</i> Gate Dielectrics: Relationship between Surface Morphology and Electronic States during Hf-Silicide Formation
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Applied Surface Science-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
33035	Azusa Hattori	237 (2004) 311-315	2002A0464	BL25SU	大門 寛	Atomic Structure of Fe Thin-Films on Cu(0 0 1) Studied with Stereoscopic Photography
			2003A0268	BL25SU	大門 寛	
33114	Vygantas Mizeikis	255 (2009) 9745-9749	2006A1746	BL40XU	高田 昌樹	Formation of Amorphous Sapphire by a Femtosecond Laser Pulse Induced Micro-Explosion

Biochemistry

32745	Long-Jiang Yu	55 (2016) 6495-6504	2011A6608	BL44XU	大友 征宇	Structural Basis for the Unusual Q _y Red-Shift and Enhanced Thermostability of the LH1 Complex from <i>Thermochromatium tepidum</i>
			2011B6608	BL44XU	大友 征宇	
			2012A6709	BL44XU	大友 征宇	
			2012B6709	BL44XU	大友 征宇	
			2013A6809	BL44XU	大友 征宇	
			2013B6809	BL44XU	大友 征宇	
			2014A6911	BL44XU	大友 征宇	
			2014B6911	BL44XU	大友 征宇	
			2015A1028	BL41XU	大友 征宇	
			2015B6507	BL44XU	大友 征宇	
32895	Shunsuke Matsumoto	56 (2017) 602-611	2014A6922	BL44XU	神田 大輔	Tethering an N-Glycosylation Sequon-Containing Peptide Creates a Catalytically Competent Oligosaccharyltransferase Complex
			2014B6922	BL44XU	神田 大輔	
			2015A6519	BL44XU	神田 大輔	
			2015B6519	BL44XU	神田 大輔	
32904	Masahiro Watanabe	55 (2016) 4399-4409	2016A6657	BL44XU	渡邊 真宏	Construction of Thermophilic Xylanase and Its Structural Analysis

Cell

32883	Hiroshi Nishimasu	162 (2015) 1113-1126	2015A0119	BL41XU	濡木 理	Crystal Structure of <i>Staphylococcus aureus</i> Cas9
			理研	BL32XU		
			2014A1356	BL41XU	西増 弘志	
32884	Hisato Hirano	164 (2016) 950-961	2015A0119	BL41XU	濡木 理	Structure and Engineering of <i>Francisella novicida</i> Cas9
33124	Hirofumi Shimizu	132 (2008) 67-78	2005A0594	BL44B2	佐々木 裕次	Global Twisting Motion of Single Molecular KcsA Potassium Channel upon Gating

Chemistry Letters

32839	Mina Sakuragi	46 (2017) 185-187	2015B1708	BL40B2	荒井 泰史	Locational Analysis of Glutathione in Liposomes by Using Small-angle X-ray Scattering
33103	Ichiro Hatta	41 (2012) 1363-1364	2008A1458	BL40B2	八田 一郎	Disruption/Reconstitution of Skin Structure Treated by Ethanol
			2008B1195	BL43IR	八田 一郎	
			2009A1779	BL19B2	八田 一郎	
33189	Sakiko Matsumoto	46 (2017) 750-752	2016A1619	BL40B2	松本 紗葵子	Salt-Induced Morphology Transition of Micelle Formed of a Calix[4]arene-Derivative Cationic Surfactant in Aqueous Solution

Dalton Transactions

32764	Yuka Kobayashi	42 (2013) 3821-3826	2008A1843	BL02B2	橋爪 大輔	Ionic Semiconductor: DC and AC Conductivity of Anilinium Tetrathiafulvalene-2-carboxylate
32906	O. Shekhah	40 (2011) 4954-4958	2009B1344	BL13XU	北川 進	MOF-on-MOF Heteropitaxy: Perfectly Oriented [Zn ₂ (ndc) ₂ (dabco)] _n Grown on [Cu ₂ (ndc) ₂ (dabco)] _n Thin Films
33031	Kun Lin	46 (2017) 733-738	2015B1127	BL44B2	Lin Kun	Anomalous Dispersion X-ray Diffraction Study of Pb/Bi Ordering/Disordering States in PbTiO ₃ -based Perovskite Oxides

Earth and Planetary Science Letters

32825	Christian Liebske	240 (2005) 589-604	2002B0087	BL04B1	Schmickler Bettina	Viscosity of Peridotite Liquid up to 13 GPa: Implications for Magma Ocean Viscosities
			2003A0056	BL04B1	寺崎 英紀	
			2003B0042	BL04B1	Rubie David	
32994	Daisuke Yamazaki	459 (2017) 238-243	2012A1438	BL04B1	山崎 大輔	Grain Growth of ε-iron: Implications to Grain Size and its Evolution in the Earth's Inner Core
			2013B1449	BL04B1	山崎 大輔	
			2014B1424	BL04B1	山崎 大輔	
			2015B1319	BL04B1	山崎 大輔	
33203	Kenji Ohta	465 (2017) 29-37	2014A0080	BL10XU	廣瀬 敬	Thermal Conductivity of Ferropicriase in the Earth's Lower Mantle

Electrochimica Acta

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
32798	Toyokazu Tanabe	224 (2017) 429-438	2016A1560	BL19B2	松本 太	Preparation of Water-Resistant Surface Coated High-Voltage LiNi _{0.5} Mn _{1.5} O ₄ Cathode and Its Cathode Performance to Apply a Water-Based Hybrid Polymer Binder to Li-Ion Batteries
			2015B1618	BL19B2	松本 太	
32900	Frank Renner	53 (2008) 6064-6069	2007A1963	BL13XU	Renner Frank	Gold Model Anodes for Li-Ion Batteries: Single Crystalline Systems Studied by in situ X-ray Diffraction
33143	Kiyofumi Yamagiwa	160 (2015) 347-356	2012B1373	BL46XU	駒場 慎一	Improved High-Temperature Performance and Surface Chemistry of Graphite/LiMn ₂ O ₄ Li-ion Cells by Fluorosilane-Based Electrolyte Additive
			2013A1399	BL46XU	駒場 慎一	

Journal of Alloys and Compounds

33064	Xinzhe Jin	650 (2015) 444-449	2013B1573	BL28B2	町屋 修太郎	Effect of Epoxy Impregnation on Strain Distribution of Materials in Bi2223 Superconducting Coils by using Synchrotron X-ray Diffraction
33217	Hiroyuki Saitoh	706 (2017) 520-525	2013B3614	BL14B1	青木 勝敏	P-V-T Relation of the Fe-H System under Hydrogen Pressure of Several Gigapascals
			2014B3602	BL14B1	齋藤 寛之	
33394	Shih-Nan Hsiao	656 (2016) 876-880	2013B4132	BL12B2	Chen Shi-Kun	Evolution of Microstructure, Residual Stress, and Texture in FePt Films during Rapid Thermal Annealing
			2015A4137	BL12B2	Hsiao Shih-Nan	

The Journal of Biological Chemistry

32903	Shouhei Mine	292 (2017) 4996-5006	2016A6657	BL44XU	渡邊 真宏	The Structure of an Archaeal β -glucosaminidase Provides Insight into Glycoside Hydrolase Evolution
			2016B6657	BL44XU	渡邊 真宏	
			2016A6645	BL44XU	峯 昇平	
			2015B6546	BL44XU	峯 昇平	
			2015B6559	BL44XU	渡邊 真宏	
			2015A6559	BL44XU	渡邊 真宏	
			2015A6546	BL44XU	峯 昇平	
			2014B6903	BL44XU	渡邊 真宏	
33173	Shaimaa Waz	292 (2017) 2785-2794	2013A6859	BL44XU	山縣 ゆり子	Structural and Kinetic Studies of the Human Nudix Hydrolase MTH1 Reveal the Mechanism for Its Broad Substrate Specificity
			2013B6859	BL44XU	山縣 ゆり子	
			2014A6958	BL44XU	山縣 ゆり子	
			2015B6551	BL44XU	山縣 ゆり子	
33250	Asami Hishiki	290 (2015) 13215-13223	2014B1990	BL26B2	原 幸大	Structure of a Novel DNA-Binding Domain of Helicase-Like Transcription Factor (HLTF) and Its Functional Implication in DNA Damage Tolerance
			2014B6953	BL44XU	峯 昇平	

Journal of Electron Spectroscopy and Related Phenomena

32838	Hiroyuki Matsuda	195 (2014) 382-398	2012A7431	BL07LSU	大門 寛	Development of Display-Type Ellipsoidal Mesh Analyzer: Computational Evaluation and Experimental Validation
			2012B7434	BL07LSU	大門 寛	
33046	Hiroaki Kimura	144-147 (2005) 1079-1081	2003B0311	BL27SU	木村 洋昭	Transmission Type Sc/Cr Multilayer as a Quarter-Wave Plate for Near 400 eV
			2004A0567	BL27SU	木村 洋昭	
33106	Yasuhiro Nakatani	(2017) Online publication 27 Jan. 2017	2013B3882	BL23SU	関山 明	Circular Dichroism in Resonant Angle-Resolved Photoemission Spectra of LaNi ₂ Ge ₂
			2014B3882	BL23SU	関山 明	

Journal of Magnetism and Magnetic Materials

32840	Soichiro Mizusaki	310 (2007) 1635-1636	2005B0511	BL08W	水崎 壮一郎	Direct Observation of the Magnetic Spin Component of Samarium-Iron-Based Laves Compound by Magnetic Compton Scattering
32841	Soichiro Mizusaki	310 (2007) e325-e326	2005B0511	BL08W	水崎 壮一郎	The Magnetic Compton Scattering for the Strongly Correlated Electron System of Orthorhombic Perovskite Ruthenates CaRu _{1-x} T _x O ₃ (T=Ti, Mn, Fe, Ni)
			J05A0513	BL08W	伊藤 真義	
33038	Masanori Tsunekawa	310 (2007) e1010-e1011	2005B0710	BL25SU	今田 真	Temperature and Magnetic Field Dependence of the Soft X-ray Magnetic Circular Dichroism Intensity for the Mn-L ₃ Edge of MnFeP _{0.78} Ge _{0.22}

Nuclear Instruments and Methods in Physics Research Section B

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
32782	Tsukasa Miyazaki	394 (2017) 121-125	2012B1512	BL19B2	宮崎 司	Precise Small-Angle X-ray Scattering Evaluation of the Pore Structures in Track-Etched Membranes: Comparison with Other Convenient Evaluation Methods
			2013A1793	BL19B2	宮崎 司	
33101	Naoki Ishimatsu	238 (2005) 167-170	2001A0210	BL39XU	圓山 裕	Magnetic Phase Transition in Laves Phase DyCo ₂ Probed by XRD and XMCD under High Pressure
			2001B0247	BL39XU	圓山 裕	
			2002A0501	BL39XU	圓山 裕	
			2002B0680	BL39XU	石松 直樹	
			2003A0653	BL10XU	石松 直樹	
			2003B0646	BL39XU	石松 直樹	
33163	Inge Serdons	251 (2006) 297-303	2003B0791	BL09XU	Serdons Inge	Stroboscopic Detection of the ¹⁸¹ Ta-Mössbauer Resonance with Synchrotron Radiation

Physics of the Earth and Planetary Interiors

32834	Konstantin D. Litasov	224 (2013) 83-87	2011B1416	BL04B1	Shatskiy Anton	P-V-T Equation of State of Siderite to 33 GPa and 1673 K
32836	Carine Vanpeteghem	138 (2003) 223-230	2002A0299	BL04B2	日比野 拓矢	The Compressibility of Hexagonal Al-Rich NAL Phase: Similarities and Differences with Calcium Ferrite-Type (CF) Phase with Implications for the Lower Mantle
32897	Shigeaki Ono	264 (2017) 1-6	2013A1201	BL04B1	小野 重明	Precise Determination of the Phase Boundary between Coesite and Stishovite in SiO ₂
			2014B1161	BL04B1	小野 重明	
			2015A1185	BL04B1	小野 重明	

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

32760	Naoyuki Katayama	112 (2015) 9305-9309	2009A0083	BL02B1	澤 博	Absence of Jahn-Teller Transition in the Hexagonal Ba ₃ CuSb ₂ O ₉ Single Crystal
			2009A0084	BL02B2	久保田 佳基	
32915	Min Kyung Kim	113 (2016) 12438-12443	2014A6966	BL44XU	Song HyunKyu	Structural Basis for Dual Specificity of Yeast N-terminal Amidase in the N-end Rule Pathway
			2014B6966	BL44XU	Song HyunKyu	
33191	Witold Andratojc	114 (2017) E1840-1847	2013A6841	BL44XU	野尻 正樹	Identification of Productive and Futile Encounters in an Electron Transfer Protein Complex
			2013B6841	BL44XU	野尻 正樹	

Spectrochimica Acta Part B

33073	Jun Kawai	62 (2007) 677-681	2003A0816	BL37XU	河合 潤	Risk Assessment of TiO ₂ Photocatalyst by Individual Micrometer-Size Particle Analysis with on-Site Combination of SEM-EDX and SR-XANES Microscope
			2005A0631	BL37XU	石井 秀司	
33090	Hajime Tanida	59 (2004) 1071-1076	2001B0531	BL39XU	谷田 肇	Total-Reflection X-ray Absorption Fine Structure on Liquid Surface
			2002B0637	BL39XU	永谷 広久	
33247	Kenji Shiota	131 (2017) 32-39	2013B1437	BL01B1	高岡 昌輝	Chemical Kinetics of Cs Species in an Alkali-Activated Municipal Solid Waste Incineration Fly Ash and Pyrophyllite-Based System using Cs K-edge in situ X-ray Absorption Fine Structure Analysis
			2013A1479	BL01B1	高岡 昌輝	
			2012A1081	BL01B1	高岡 昌輝	
			2012B1359	BL01B1	高岡 昌輝	

Thin Solid Films

32914	Takahiro Nagata	591 (2015) 105-110	2011B4611	BL15XU	長田 貴弘	Ge Incorporated Epitaxy of (110) Rutile TiO ₂ on (100) Ge Single Crystal at Low Temperature by Pulsed Laser Deposition
			2012A4613	BL15XU	長田 貴弘	
33120	Yasuaki Okumura	471 (2005) 91-95	2002B0019	BL44B2	佐々木 裕次	Fabrications of Dispersive Gold One-Dimension Nanocrystals using Vacuum Evaporation
			2003A0610	BL44B2	佐々木 裕次	
33235	Takayuki Kojima	603 (2016) 348-352	2014A1568	BL46XU	水口 将輝	Growth of L ₁₀ -FeNi Thin Films on Cu(001) Single Crystal Substrates using Oxygen and Gold Surfactants
			2014A1809	BL46XU	水口 将輝	
			2015A1976	BL46XU	水口 将輝	
			2015B1625	BL46XU	水口 将輝	
			2012B1667	BL46XU	小嶋 隆幸	
			2013A1637	BL46XU	水口 将輝	
2013A1832	BL46XU	水口 将輝				

ACS Catalysis

32746	Meng-Che Tsai	6 (2016) 6551-6559	2013B4133	BL12B2	Hwang Bing Joe	Interplay between Molybdenum Dopant and Oxygen Vacancies in a TiO ₂ Support Enhances the Oxygen Reduction Reaction
32924	Hiroki Miura	7 (2017) 1543-1553	2015B1277	BL01B1	三浦 大樹	Supported Palladium-Gold Alloy Catalysts for Efficient and Selective Hydrosilylation under Mild Conditions with Isolated Single Palladium Atoms in Alloy Nanoparticles as the Main Active Site

Acta Materialia

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
32977	Jingwei Xian	126 (2017) 540-551	2015B1611	BL20XU	Gourlay Christopher	Cu ₆ Sn ₅ Crystal Growth Mechanisms during Solidification of Electronic Interconnections
			2015A1675	BL20XU	野北 和宏	
32978	Kristina Maria Kareh	125 (2017) 187-195	2012B1173	BL20XU	柳楽 知也	Dilatancy in Semi-Solid Steels at High Solid Fraction
			2013B1242	BL20XU	柳楽 知也	

Applied Physics Express

32752	Takahiro Nagata	10 (2017) 011102	2012B4606	BL15XU	長田 貴弘	Photoelectron Spectroscopic Study of Electronic State and Surface Structure of In ₂ O ₃ Single Crystals
			2013B4603	BL15XU	長田 貴弘	
			2012A4614	BL15XU	長田 貴弘	
33395	Kun Zhang	5 (2012) 042303	2011B4608	BL15XU	吉川 英樹	A New Factor Affecting the Performance of Dye-Sensitized Solar Cells in the Presence of 4- <i>tert</i> -Butylpyridine

Chemical Physics Letters

32892	Haruki Kawamura	372 (2003) 373-376	2001B0131	BL10XU	川村 春樹	Bulk Modulus of Solid Deuterium at 15 K
			2002A0535	BL10XU	川村 春樹	
33133	Hirofumi Yoshimura	482 (2009) 125-128	2007B1865	BL46XU	橘 勝	Grazing Incidence X-ray Diffraction Study on Carbon Nanowalls

Chemistry - A European Journal

32929	Yasutaka Kuwahara	23 (2017) 380-389	2016A1057	BL01B1	桑原 泰隆	Palladium Nanoparticles Encapsulated in Hollow Titanosilicate Spheres as an Ideal Nanoreactor for One-pot Oxidation
			2015A1149	BL01B1	森 浩亮	
			2015B1083	BL01B1	森 浩亮	
33208	Shoubao Zhang	20 (2014) 9510-9513	2013B1218	BL27SU	齊藤 高志	Temperature-Induced Intersite Charge Transfer Involving Cr Ions in A-Site-Ordered Perovskites ACu ₃ Cr ₄ O ₁₂ (A=La and Y)
			2013B1226	BL02B2	齊藤 高志	

Crystal Growth & Design

33128	Takuma Itai	17 (2017) 949-953	2013B1036	BL02B1	吉成 信人	Strong-Acid-Templated Construction of a Metallosupramolecular Architecture: Reversible Ammonia Adsorption in Aqueous Media in a Single-Crystal-to-Single-Crystal Conversion Manner
			2014B1391	BL02B1	今野 巧	
			2014B1021	BL02B1	今野 巧	
			2014B1022	BL19B2	今野 巧	
33169	Masanori Kawai	10 (2010) 2044-2046	2008B1222	BL27SU	水牧 仁一朗	Orientation Change of an Infinite-Layer Structure LaNiO ₂ Epitaxial Thin Film by Annealing with CaH ₂
			2008B1314	BL39XU	水牧 仁一朗	

CrystEngComm

32740	K. Kawahara	19 (2017) 313-317	2015B1799	BL47XU	近松 彰	Topotactic Fluorination of Perovskite Strontium Ruthenate Thin Films using Polyvinylidene Fluoride
32933	Powei Yang	17 (2015) 8623-8631	2015A4140	BL12B2	Chen Tsan Yao	Core-Shell Nanocrystallite Growth via Heterogeneous Interface Manipulation

Electrochemistry

32778	Hirokatsu Kurosu	84 (2016) 779-783	2015B1082	BL01B1	吉田 真明	In Situ Observations of Oxygen Evolution Cocatalysts on Photoelectrodes by X-ray Absorption Spectroscopy: Comparison between Cobalt-Phosphate and Cobalt-Borate
33096	Akihiro Watanabe	85 (2017) 88-92	2015B1768	BL19B2	渡邊 明尋	Ambient Pressure Synthesis and H ⁺ Conductivity of LaSrLiH ₂ O ₂
			2015A1778	BL02B2	渡邊 明尋	

Geochimica et Cosmochimica Acta

33135	Toshihiro Yoshimura	202 (2017) 21-38	2012A1556	BL27SU	吉村 寿紘	Altrivalent Substitution of Sodium for Calcium in Biogenic Calcite and Aragonite
			2012B1714	BL27SU	吉村 寿紘	
			2013B1340	BL27SU	吉村 寿紘	
33151	Tooru Matsumoto	116 (2013) 84-95	2009A1605	BL47XU	土山 明	Three-Dimensional Observation and Morphological Analysis of Organic Nanoglobules in a Carbonaceous Chrodrilite using X-ray Micro-Tomography

IEEE Transactions on Magnetics

33036	A. G. Prieto	41 (2005) 3421-3423	2004A0025	BL25SU	Fernandez-Gubieda Luisa	Influence of the Interface on the Magnetic Moment of Co Clusters in CoCu Granular Alloys
33141	Yuya Sakuraba	49 (2013) 5464-5468	2011A1769	BL46XU	桜庭 裕弥	Fabrication of Fully-Epitaxial Co ₂ MnSi/Ag/Co ₂ MnSi Giant Magnetoresistive Devices by Elevated Temperature Deposition
			2010B1824	BL46XU	桜庭 裕弥	

International Journal of Hydrogen Energy

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
32996	Daiju Matsumura	42 (2017) 7749-7754	2013B1438	BL28B2	松村 大樹	<i>In situ</i> X-ray Absorption Spectroscopy Study on Water Formation Reaction of Palladium Metal Nanoparticle Catalysts
			2011A1369	BL28B2	松村 大樹	
			2011B1477	BL28B2	松村 大樹	
			2012B1393	BL28B2	松村 大樹	
			2013A1432	BL28B2	松村 大樹	
			2014A1449	BL28B2	松村 大樹	
			2014B1843	BL28B2	松村 大樹	
33357	Junichiro Kugai	42 (2017) 2984-2995	2013A1745	BL01B1	久貝 潤一郎	Effects of Carboxylate Stabilizers on the Structure and Activity of Carbon-Supported Pt-Cu Nanoparticles towards Methanol Oxidation
			2015A3609	BL14B1	松村 大樹	

Journal of Materials Science

32797	Tooru Kitagawa	52 (2017) 4142-4154	2016A7212	BL03XU	船城 健一	Effects of Hydrophilicity of Rigid-Rod Polymers on the Formation of Poly- <i>p</i> -pyridylenebenzobisoxazole Fibers
33043	El Said Nouh	49 (2014) 35-42	2012A7431	BL07LSU	大門 寛	Lattice Distortion of Porous Si by Li Absorption using Two-Dimensional Photoelectron Diffraction
			2012A1553	BL25SU	松井 公祐	

Journal of Power Sources

33068	Machiko Abe	345 (2017) 108-119	2009B3671	BL14B1	菅野 了次	Study on the Deterioration Mechanism of Layered Rock-Salt Electrodes using Epitaxial Thin Films - Li(Ni, Co, Mn)O ₂ and Their Zr-O Surface Modified Electrodes
33150	Masahiro Shikano	174 (2007) 795-799	2005B0713	BL47XU	鹿野 昌弘	Investigation of Positive Electrodes after Cycle Testing of High-Power Li-Ion Battery Cells II: An Approach to the Power Fading Mechanism using Hard X-ray Photoemission Spectroscopy

Journal of the Vacuum Society of Japan

32743	Yusuke Tamenori	59 (2016) 333-340	2014A1909	BL27SU	為則 雄祐	Recent Progress on <i>In-situ</i> and <i>Operando</i> Analysis using Soft X-ray Spectroscopy
			2012A1847	BL27SU	為則 雄祐	
			2008A2061	BL27SU	為則 雄祐	
			2012A1273	BL27SU	雨澤 浩史	
			2012B1497	BL27SU	雨澤 浩史	
			2013A1685	BL27SU	高谷 光	
32799	Hirosuke Matsui	59 (2016) 307-314	2013B7821	BL36XU	唯 美津木	Imaging Analysis of Heterogeneous Solid Catalyst by Spatially-Resolved XAFS
			2013B7822	BL36XU	唯 美津木	
			2014A7821	BL36XU	唯 美津木	
			2014B7821	BL36XU	唯 美津木	
			2015A7821	BL36XU	唯 美津木	
2015B7821	BL36XU	唯 美津木				

Materials Transactions

33204	Yoshitomo Kamiura	57 (2016) 1609-1614	2010B3806	BL23SU	上浦 良友	Characterization of Polycrystalline Tungsten Surfaces Irradiated with Nitrogen Ions by X-ray Photoelectron Spectroscopy
32831	Takahiro Ogata	58 (2017) 157-159	2013B3602	BL14B1	齋藤 寛之	Infrared Spectroscopic and Computational Studies on Li ₄ FeH ₆ with High Gravimetric Hydrogen Density
			2013B3614	BL14B1	青木 勝敏	

Nuclear Instruments and Methods in Physics Research Section A

32776	Toko Hirono	731 (2013) 64-67	2010B1987	BL14B2	広野 等子	Development of CdTe Pixel Detector for Synchrotron Radiation Experiments
33013	Masami Ando	548 (2005) 1-16	2004A0484	BL20B2	安藤 正海	Clinical Step Onward with X-ray Dark-Field Imaging and Perspective View of Medical Applications of Synchrotron Radiation in Japan
			2003B0657	BL20B2	安藤 正海	
			2003A0353	BL20B2	安藤 正海	
			2002B0622	BL47XU	安藤 正海	
			2002B0621	BL20B2	安藤 正海	
			2002A0309	BL20B2	宇山 親雄	
			2002A0462	BL20B2	安藤 正海	
			2001A0137	BL20B2	梅谷 啓二	
			2001A0340	BL20B2	清水 健治	
			2002A0175	BL28B2	梅谷 啓二	
			2002B0665	BL20B2	今井 茂樹	
C02B5054	BL24XU	安藤 正海				

Optics Express

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
32954	Ishkhan Gorgisyan	25 (2017) 2080-2091	2015B8002	BL3	Juranic Pavle	THz Streak Camera Method for Synchronous Arrival Time Measurement of Two-Color Hard X-ray FEL Pulses
33155	Kaye Morgan	24 (2016) 24435-24450	2013A1352	BL20XU	Morgan Kaye	Capturing and Visualizing Transient X-ray Wavefront Topological Features by Single-Grid Phase Imaging
			2013B1764	BL20XU	Morgan Kaye	
			2015A1325	BL20XU	Donnelley Martin	

Polymer Journal

32795	Masaaki Kondo	49 (2017) 385-389	2013B1647	BL40B2	近藤 優士	Small-Angle X-ray Scattering from the Concentrated Bulk Phase Separated from an Amphiphilic Block-Copolymer Solution
33170	Takamichi Shinohara	45 (2013) 307-312	2010A7241	BL03XU	小池 淳一郎	Precise and Nondestructive Characterization of a 'Buried' Nanostructure in a Polymer Thin Film using Synchrotron Radiation Ultra-Small Angle X-ray Scattering

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

33212	Hiroki Wadati	48 (2017) 215-223	2011A1624	BL47XU	和達 大樹	Electronic Structures of SrIrO ₃ /SrTiO ₃ Superlattices Revealed by Synchrotron X-Ray Diffraction and Spectroscopy
			2011B1710	BL47XU	和達 大樹	
			2012A1624	BL47XU	和達 大樹	
			2012B1757	BL47XU	和達 大樹	
			2013A1596	BL47XU	山村 周玄	
33258	Koji Nakanishi	48 (2017) 403-416	2013B1016	BL27SU	小久見 善八	Development of in situ Soft X-Ray Absorption Spectroscopy Technique for Light Element Analysis in Lithium Ion Secondary Batteries
			2013B1026	BL27SU	小久見 善八	
			2014B1489	BL27SU	中西 康次	

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

33275	Ei-ichiro Matsubara	56 (2014) 15-21	2012B8044	BL3	松原 英一郎	Development of Measurement Technique of Photo-Induced Picosecond Structural Transition by Ultra-Short Pulse Powder X-ray Diffraction
			2013A8048	BL3	松原 英一郎	
			2013B8053	BL3	松原 英一郎	
33283	Michihiro Suga	58 (2016) 126-132	2014B8048	BL3	沈 建仁	Radiation Damage-Free Structure of Photosystem II Determined by Femtosecond X-Ray Free Electron Laser Pulses
			2015A8055	BL3	沈 建仁	

分析化学 (Bunseki Kagaku)

33078	Yohko Yano	59 (2010) 437-445	2006A1124	BL37XU	瀧上 隆智	Characterization of Liquid Surfaces Using the Advanced Surface-Horizontal X-ray Reflectometer at SPRING-8
			2006B1751	BL37XU	宇留賀 朋哉	
			2007A1197	BL37XU	矢野 陽子	
			2007A1737	BL37XU	宇留賀 朋哉	
			2007B1091	BL37XU	矢野 陽子	
			2007B1212	BL37XU	宇留賀 朋哉	
			2007B1353	BL37XU	瀧上 隆智	
33079	Wakiko Yamaoka	59 (2010) 463-475	2008B1791	BL37XU	山口 紀子	Study on Accumulation Mechanism of Cadmium in Rice (<i>Oryza sativa</i> L.) by Micro-XRF Imaging and X-ray Absorption Fine Structure Analysis Utilizing Synchrotron Radiation
			2009A1522	BL37XU	北島 信行	

ACS Chemical Biology

33001	Ratana Charoenwattanasatien	11 (2016) 1891-1900	2014A6968	BL44XU	Caims James	Bacterial β -Glucosidase Reveals the Structural and Functional Basis of Genetic Defects in Human Glucocerebrosidase 2 (GBA2)
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ACS Nano

33362	Daichi Oka	11 (2017) 3860-3866	2013B1328	BL25SU	廣瀬 靖	Strain Engineering for Anion Arrangement in Perovskite Oxynitrides
			2015B1338	BL17SU	廣瀬 靖	

ACS Omega

33284	Kazuhiko Mukai	2 (2017) 864-872	2016A1229	BL02B2	山田 幾也	Superior Low-Temperature Power and Cycle Performances of Na-Ion Battery over Li-Ion Battery
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ACS Sustainable Chemistry & Engineering

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
32927	Yasutaka Kuwahara	5 (2017) 1141-1152	2016A1057	BL01B1	桑原 泰隆	Catalytic Transfer Hydrogenation of Biomass-derived Levulinic Acid and Its Esters to γ -valerolactone over Sulfonic Acid-functionalized UiO-66

Acta Crystallographica Section B

32810	Florence Porcher	64 (2008) 713-724	2006B1166	BL02B2	Porcher Florence	Synchrotron Powder Diffraction Characterization of the Zeolite-Based (<i>p</i> - <i>N,N</i> -dimethylnitroaniline-Mordenite) Guest-Host Phase
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Acta Physica Polonica A

33095	Takeshi Mito	118 (2010) 870-872	2009B1544	BL39XU	水戸 毅	Magnetic Field Effect on Yb-Based Heavy Fermions Near Magnetic-Nonmagnetic Transition
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Advanced Electronic Materials

33100	Masaki Nakano	1 (2015) 1500093	2013B1476	BL39XU	奥山 大輔	Distinct Substrate Effect on the Reversibility of the Metal-Insulator Transitions in Electrolyte-Gated VO ₂ Thin Films
			2014A1451	BL39XU	中野 匡規	

Advanced Functional Materials

32748	Yang Wang	27 (2017) 1604608	2015B1105	BL45XU	松本 英俊	Rational Design of High-Mobility Semicrystalline Conjugated Polymers with Tunable Charge Polarity: Beyond Benzobisthiadiazole-Based Polymers
			2015B1690	BL45XU	長谷川 司	

Advanced Materials

32886	Ikuya Yamada	29 (2017) 1603004	2015B1152	BL02B2	山田 幾也	Bifunctional Oxygen Reaction Catalysis of Quadruple Manganese Perovskites
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Advanced Materials Interfaces

33040	Songbai Hu	2 (2015) 1500012	2013B1079	BL25SU	Seidel Jan	Growth and Properties of Fully Strained SrCoC _x (<i>X</i> ≈ 2.8) Thin Films on DyScO ₃
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AIP Conference Proceedings

32820	Masugu Sato	879 (2007) 1577-1580	2004B0915	BL19B2	佐野 雄二	Non-destructive Measurement of Residual Stress Depth Profile in Laser-peened Steel at SPring-8
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Applied Catalysis B

32909	Makoto Ikegami	134-135 (2013) 130-135	2009B1007	BL14B2	春田 正毅	Air Purification by Gold Catalysis Supported on PET Nonwoven Fabric
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Arteriosclerosis, Thrombosis and Vascular Biology

33054	Hiroto Iwasaki	27 (2007) 1326-1333	2004B0339	BL28B2	浅原 孝之	Synchrotron Radiation Coronary Microangiography for Morphometric and Physiological Evaluation of Myocardial Neovascularization Induced by Endothelial Progenitor Cell Transplantation
			2005A0590	BL28B2	浅原 孝之	

The Astrophysical Journal

33012	Rei Niimi	744 (2012) 18	2010B1536	BL20B2	土山 明	Size and Density Estimation from Impact Track Morphology in Silica Aerogel: Application to Dust from Comet 81P/Wild 2
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Autophagy

33297	Do Hoon Kwon	13 (2017) 70-81	2015A6562	BL44XU	Song HyunKyu	The 1:2 Complex between RavZ and LC3 Reveals a Mechanism for Deconjugation of LC3 on the Phagophore Membrane
			2016A6661	BL44XU	Song HyunKyu	
			2016B6661	BL44XU	Song HyunKyu	

Biochemical and Biophysical Research Communications

33125	Takuma Sagawa	355 (2007) 770-775	2005A0594	BL44B2	佐々木 裕次	Dynamical Regulations of Protein-Ligand Bindings at Single Molecular Level
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Biochemical Society Transactions

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
33118	Yuji Sasaki	32 (2004) 761-763	2002B0019	BL44B2	佐々木 裕次	Single Protein Molecular Dynamics Determined with Ultra-High Precision

Biophysical Chemistry

33344	Sivaraman Padavattan	221 (2017) 41-48	2011B1078	BL41XU	Thirumananseri Kumarevel	Structural Analyses of the Nucleosome Complexes with Human Testis-Specific Histone Variants, hTh2a and hTh2b
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Bulletin of the Chemical Society of Japan

33080	Hiroki Matsubara	86 (2013) 492-496	2011A1055	BL37XU	松原 弘樹	X-ray Reflectivity Measurements for Freezing Transitions of Alkane Wetting Film on Surfactant Solution Surface
			2010B1202	BL37XU	松原 弘樹	

Canadian Journal of Chemistry

32767	Eiichi Kayahara	95 (2017) 351-356	2015B1311	BL02B1	山子 茂	Synthesis and Physical Properties of [4]cyclo-3,7-dibenzo[<i>b,d</i>]thiophene and its <i>S,S</i> -dioxide
			2014B1203	BL02B1	山子 茂	

Catalysis Communications

32821	Masaaki Haneda	90 (2017) 1-4	2015B3325	BL08B2	末広 省吾	Three-Way Catalytic Performance and Change in the Valence State of Rh in Y- and Pr-doped Rh/ZrO ₂ under Lean/Rich Perturbation Conditions
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Cement and Concrete Research

33199	Ippei Maruyama	91 (2017) 24-32	2013B3306	BL08B2	今泉 公夫	Microstructural Changes in White Portland Cement Paste under the First Drying Process Evaluated by WAXS, SAXS, and USAXS
			2014A3306	BL08B2	今泉 公夫	
			2014B3306	BL08B2	今泉 公夫	

ChemBioChem

33251	Ryo Tachibana	18 (2017) 358-362	2015A6523	BL44XU	杉山 成	Improving the Solubility of Artificial Ligands of Streptavidin to Enable More Practical Reversible Switching of Protein Localization in Cells
			2015B6523	BL44XU	杉山 成	
			2015A1056	BL38B1	杉山 成	
			2014B1195	BL38B1	杉山 成	

ChemElectroChem

32824	Naoaki Yabuuchi	1 (2014) 580-589	2012B1777	BL02B2	駒場 慎一	Phosphorous Electrodes in Sodium Cells: Small Volume Expansion by Sedition and the Surface-Stabilization Mechanism in Aprotic Solvent
			2012A1395	BL46XU	駒場 慎一	
			2012B1373	BL46XU	駒場 慎一	

Chemical and Pharmaceutical Bulletin

33122	Shinya Yoshida	65 (2017) 134-142	2011B1222	BL43IR	小幡 誉子	Molecular Interaction between Intercellular Lipids in the Stratum Corneum and <i>l</i> -Menthol, as Analyzed by Synchrotron X-Ray Diffraction
			2014A1049	BL40B2	小幡 誉子	
			2014B1188	BL40B2	小幡 誉子	
			2015A1139	BL40B2	小幡 誉子	
			2015B1099	BL40B2	小幡 誉子	
			2016A1209	BL40B2	小幡 誉子	

Chemical Engineering Journal

33248	Akira Sano	315 (2017) 598-607	2014A1284	BL01B1	高岡 昌輝	Vapor-Phase Elemental Mercury Adsorption by Activated Carbon Co-Impregnated with Sulfur and Chlorine
			2015A1904	BL01B1	高岡 昌輝	

Chemistry of Materials

32804	Masahiro Abe	27 (2015) 5049-5057	2014B1514	BL02B1	杉本 邦久	Thermally, Operationally, and Environmentally Stable Organic Thin-Film Transistors Based on Bis[1]benzothieno[2,3- <i>d'</i> 2',3'- <i>d'</i>]naphtho[2,3- <i>b</i> :6,7- <i>b'</i>]dithiophene Derivatives: Effective Synthesis, Electronic Structures, and Structure-Property Relationship
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Colloids and Surfaces A: Physicochemical and Engineering Aspects

33130	Noritaka Kato	321 (2008) 275-280	2003B0222	BL46XU	加藤 徳剛	Crystallographic Coherent Length of J-aggregates and Their Absorption Spectra
			2004A0247	BL46XU	加藤 徳剛	
			2006A1259	BL46XU	加藤 徳剛	

Corrosion

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
33361	Masashi Watanabe	72 (2016) 1155-1169	2011B3771	BL22XU	米澤 利夫	In Situ X-Ray Diffraction Study of the Oxide Formed on Alloy 600 in Borated and Lithiated High-Temperature Water
			2012A3783	BL22XU	米澤 利夫	
			2012A1018	BL13XU	米澤 利夫	
			2012B3783	BL22XU	米澤 利夫	
			2012B1017	BL13XU	米澤 利夫	
			2013A3781	BL22XU	米澤 利夫	
			2013A1428	BL13XU	米澤 利夫	
			2013B3785	BL22XU	米澤 利夫	
			2013B1007	BL13XU	米澤 利夫	
			2014A3786	BL22XU	米澤 利夫	
			2014B3786	BL22XU	米澤 利夫	
			2014B1020	BL13XU	米澤 利夫	
2015A3786	BL22XU	米澤 利夫				
2015B3789	BL22XU	米澤 利夫				

Environmental Science & Technology

32931	Hua-Cheng Liu	49 (2015) 7726-7734	2015A4127	BL12B2	Chen Tsan Yao	Mechanism of Arsenic Adsorption on Magnetite Nanoparticles from Water: Thermodynamic and Spectroscopic Studies
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European Journal of Immunology

33299	Seisuke Kusano	46 (2016) 892	2012A1211	BL41XU	保坂 俊彰	The Flanking Region of Cedar Pollen Peptide in Complex with HLA-DP5 Facilitates T-cell Activation
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European Journal of Radiology

33061	Masami Torikoshi	68 (2008) S114-S117	2006A1529	BL20B2	取越 正己	Dosimetry for a Microbeam Array Generated by Synchrotron Radiation at SPring-8
			2007A1751	BL28B2	小山田 敏文	

European Polymer Journal

32781	Tooru Kitagawa	88 (2017) 9-20	2016A7212	BL03XU	船城 健一	Dependence of Fiber-Structural Formation Processes for Rigid-Rod Polymers on the Miscibility of Their Molecular Chains in Poly-Phosphoric Acid
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Expert Systems with Applications

33153	Hye-Won Jung	73 (2017) 57-68	2013A1706	BL20XU	Donnelley Martin	Automated Detection of Circular Marker Particles in Synchrotron Phase Contrast X-ray Images of Live Mouse Nasal Airways for Mucociliary Transit Assessment
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eXPRESS Polymer Letters

32854	H. Kishi	9 (2015) 23-35	2010B7260	BL03XU	浅田 光則	Control of Nanostructures Generated in Epoxy Matrices Blended with PMMA- <i>b</i> -PnBA- <i>b</i> -PMMA Triblock Copolymers
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Forensic Science International

33074	Toshio Nakanishi	175 (2008) 227-234	2004A0282	BL37XU	中西 俊雄	Lower Limits of Detection of Synchrotron Radiation High-Energy X-ray Fluorescence Spectrometry and Its Possibility for the Forensic Application for Discrimination of Glass Fragments
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Geophysical Research Letters

32826	Tomofumi Hosoya	32 (2005) L17305	2002B0567	BL04B1	久保 友明	Water Controls the Fields of Metastable Olivine in Cold Subjecting Slabs
			2003A0533	BL04B1	久保 友明	

High Pressure Research

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
32818	Hitoshi Yamaoka	36 (2016) 262-274	2011B4259	BL12XU	山岡 人志	Pressure Dependence of the Electronic Structure of 4f and 3d Electron Systems Studied by X-ray Emission Spectroscopy
			2012A4259	BL12XU	山岡 人志	
			2012A4266	BL12XU	佐藤 仁	
			2012B4253	BL12XU	山岡 人志	
			2013A4250	BL12XU	山岡 人志	
			2013A4254	BL12XU	山岡 人志	
			2013B4127	BL12B2	水木 純一郎	
			2013B4128	BL12B2	山岡 人志	
			2013B4256	BL12XU	水木 純一郎	
			2013B4258	BL12XU	山岡 人志	
2014A4256	BL12XU	山岡 人志				
2014A4257	BL12XU	水木 純一郎				

Icarus

33158	Tooru Matsumoto	257 (2015) 230-238	2012B1346	BL47XU	土山 明	Surface and Internal Structures of a Space-Weathered Rim of an Itokawa Regolith Particle
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Inorganic Chemistry

33337	Mirza Rubel	56 (2017) 3174-3181	2016B1163	BL02B2	熊田 伸弘	Hydrothermal Synthesis, Structure, and Superconductivity of Simple Cubic Perovskite (Ba _{0.62} K _{0.38})(Bi _{0.92} Mg _{0.08})O ₃ with T _c ~ 30 K
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Inorganica Chimica Acta

32815	Masahiko Maekawa	414 (2014) 257-263	2012B1455	BL02B1	杉本 邦久	The First Copper(I) Coordination Polymers Self-Assembled by 4,4'-biquinazoline
			2012B1463	BL02B1	杉本 邦久	
			2013B1482	BL02B1	杉本 邦久	

International Journal of Heat and Mass Transfer

32932	Toshihiro Sera	108 (2017) 730-739	2012A1637	BL20XU	世良 俊博	Distribution of Nanoparticle Depositions after a Single Breathing in a Murine Pulmonary Acinus Model
			2011B1881	BL20B2	世良 俊博	
			2011B1875	BL20XU	世良 俊博	
			2009B1198	BL20B2	世良 俊博	

International Journal of Pharmaceutics

33174	Tomonobu Uchino	521 (2017) 222-231	2014B1431	BL40B2	内野 智信	Modulation Mechanism of the Stratum Corneum Structure during Permeation of Surfactant-Based Rigid and Elastic Vesicles
			2015A1650	BL40B2	内野 智信	
			2016A1215	BL40B2	内野 智信	

International Journal of Radiation Biology

33069	Ayumi Narita	92 (2016) 733-738	2014A3812	BL23SU	藤井 健太郎	Use of a DNA Film on a Self-Assembled Monolayer for Investigating the Physical Process of DNA Damage Induced by Core Electron Ionization
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Ionics

32905	Yasuro Ikuma	21 (2015) 2495-2501	2008B1393	BL13XU	伊熊 泰郎	Surface X-ray Diffraction Study and Photocatalytic Activity of HF-Treated Single Crystal Rutile TiO ₂ (001) Surface
			2008B2208	BL13XU	田尻 寛男	
			2009B1445	BL13XU	伊熊 泰郎	
			2010A1258	BL13XU	伊熊 泰郎	

IUCrJ

33183	Mattia Sist	3 (2016) 377-388	2014A0078	BL02B1	Iversen Bo	Carrier Concentration Dependence of Structural Disorder in Thermoelectric Sn _{1-x} Te
			理研	BL44B2		

Journal of Biological Inorganic Chemistry

33116	Toshio Iwasaki	16 (2011) 923-935	2007A1271	BL41XU	清水 伸隆	ISC-like [2Fe-2S] Ferredoxin (FdxB) Dimer from <i>Pseudomonas putida</i> JCM 20004: Structural and Electron-Nuclear Double Resonance Characterization
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Journal of Biomolecular Structure and Dynamics

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
33044	Ansuman Biswas	(2016) published online: 27 Jul. 2016	2014A6967	BL44XU	Jeyaraman Jeyakanthan	Role of Sequence Evolution and Conformational Dynamics in the Substrate Specificity and Oligomerization Mode of Thymidylate Kinases

Journal of Crystal Growth

32788	Shigeeya Kimura	301-302 (2007) 651-655	2005B0813	BL01B1	江村 修一	Growth and Characterization of Ferromagnetic Cubic GaCrN: Structural and Magnetic Properties
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Journal of Dermatological Science

33109	Noboru Nakagawa	65 (2012) 196-206	2005B0734	BL40XU	太田 昇	Knocking-in the R142C Mutation in Transglutaminase 1 Disrupts the Stratum Corneum Barrier and Postnatal Survival of Mice
			2006A1051	BL40XU	山西 清文	
			2006B1026	BL40XU	山西 清文	

Journal of Environmental Quality

33315	Kosuke Yamamoto	46 (2017) 461-465	2015A1667	BL14B2	橋本 洋平	Chemical Species of Phosphorus and Zinc in Water-Dispersible Colloids from Swine Manure Compost
			2011B1218	BL01B1	山口 紀子	

Journal of Fiber Science and Technology

32912	Kyoung-Hou Kim	73 (2017) 19-26	2013B1080	BL40B2	大越 豊	Fiber Structure Development of Nylon 6 After Necking
			2007B1226	BL40B2	大越 豊	

Journal of Forensic Sciences

33161	Yoshinori Nishiwaki	54 (2009) 564-570	1999B0222	BL08W	中井 泉	Trace Elemental Analysis of Titanium Dioxide Pigments and Automotive White Paint Fragments for Forensic Examination Using High-Energy Synchrotron Radiation X-Ray Fluorescence Spectrometry
			2000A0098	BL08W	中井 泉	
			2000A0140	BL08W	二宮 利男	

Journal of Geophysical Research

33206	Anna Dymshits	119 (2014) 8034-8046	2011B1091	BL04B1	Litasov Konstantin	Thermal Equation of State of Majoritic Khorringite and Its Significance for Continental upper Mantle
			2012A1416	BL04B1	Litasov Konstantin	
			2012B1289	BL04B1	Litasov Konstantin	

Journal of Geophysical Research: Biogeosciences

33136	Ayumi Maeda	122 (2017) 185-199	2015B1525	BL27SU	吉村 寿紘	Evaluation of Oxygen Isotope and Mg/Ca Ratios in High-Magnesium Calcite from Benthic Foraminifera as a Proxy for Water Temperature
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Journal of Hazardous Materials

32742	Kentarō Kameda	327 (2017) 171-179	2015A1667	BL14B2	橋本 洋平	Simultaneous and Continuous Stabilization of As and Pb in Contaminated Solution and Soil by a Ferrihydrite-Gypsum Sorbent
			2015B1565	BL14B2	橋本 洋平	

Journal of Instrumentation

32771	Hidenori Toyokawa	12 (2017) C01044	2011B3606	BL14B1	菫浦 敬久	Development of CdTe Pixel Detectors Combined with an Aluminum Schottky Diode Sensor and Photon-Counting ASICs
			2013A1082	BL46XU	広野 等子	
			2013A1796	BL46XU	豊川 秀訓	
			2013B1837	BL46XU	豊川 秀訓	
			2014A1555	BL28B2	豊川 秀訓	
			2014A3606	BL14B1	菫浦 敬久	
			2014B1626	BL28B2	豊川 秀訓	
			2014B3605	BL14B1	菫浦 敬久	
			2015A1678	BL28B2	豊川 秀訓	
			2015A3605	BL14B1	菫浦 敬久	
			2015B3605	BL14B1	菫浦 敬久	
			2016A3605	BL14B1	菫浦 敬久	
			2015B1584	BL28B2	豊川 秀訓	
2013B1566	BL46XU	豊川 秀訓				

Journal of Macromolecular Science, Part B-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
33190	Tooru Kitagawa	56 (2017) 178-193	2016A7212	BL03XU	船城 健一	Effects of Thermal History in the Fiber Production on Preferential Orientations of Molecular Planes of Rigid-Rod Polymers along the Radial Direction Normal to the Fiber Axis

Journal of Materials Chemistry A

33417	Keita Sekizawa	5 (2017) 6483-6493	2013B1018	BL47XU	森川 健志	Stoichiometric Water Splitting using p-type Fe ₂ O ₃ Based Photocathode with the Aid of Multi-heterojunction
			2014A1009	BL47XU	森川 健志	
			2014B1018	BL47XU	森川 健志	

Journal of Materials Chemistry C

33215	Dongho Yoo	5 (2017) 2509-2512	2015B1690	BL45XU	長谷川 司	N-unsubstituted Thienoisindigos: Preparation, Molecular Packing and Ambipolar Organic Field-effect Transistors
			2016A1194	BL45XU	松本 英俊	

Journal of Materials Engineering and Performance

32957	Kozo Osamura	25 (2016) 5323-5329	2013A1346	BL28B2	小出 俊雄	The Correlation Between the Percussive Sound and the Residual Stress/Strain Distributions in a Cymbal
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Journal of Materials Science and Chemical Engineering

32830	Kensuke Ozawa	5 (2017) 121-128	2014A1008	BL02B2	熊田 伸弘	Thermoelectric Properties of Silver Antimonate with Mixed Valency of Antimony
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Journal of Mineralogical and Petrological Sciences

32765	Satoko Motai	111 (2016) 305-312	2014A3701	BL22XU	綿貫 徹	Mineralogical Characterization of Radioactive Particles from Fukushima Soil using μ -XRD with Synchrotron Radiation
			2014B3701	BL22XU	綿貫 徹	

Journal of Molecular Biology

32753	Hidemi Hirano	429 (2017) 249-260	2011B1083	BL41XU	松浦 能行	Structures of the Karyopherins Kap121p and Kap60p Bound to the Nuclear Pore-Targeting Domain of the SUMO Protease Ulp1p
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The Journal of Organic Chemistry

33032	Hirokazu Miyoshi	82 (2017) 1380-1388	2014B1168	BL38B1	久木 一朗	Fluoreno[2,3- <i>b</i>]fluorene vs Indeno[2,1- <i>b</i>]fluorene: Unusual Relationship between the Number of π Electrons and Excitation Energy in <i>m</i> -Quinodimethane-Type Singlet Diradicals
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The Journal of Physical Chemistry B

33314	Chiung-Cheng Hunag	120 (2016) 12736-12754	2014B4143	BL12B2	Hsu I Jui	Effect of the Functional Groups of Racemic Rodlike Schiff Base Mesogens on the Stabilization of Blue Phase in Binary Mixture Systems
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The Journal of Physical Chemistry Letters

33196	Yasuo Nakayama	8 (2017) 1259-1264	2015A1685	BL46XU	中山 泰生	Single-Crystal Pentacene Valence-Band Dispersion and Its Temperature Dependence
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Journal of Physics B: Atomic, Molecular and Optical Physics

33049	Xiao-Jing Liu	40 (2007) F1-F7	2006A1216	BL27SU	Liu Xiao-Jing	Evidence of Sequential Interatomic Decay in Argon Trimers Obtained by Electron-Triple-Ion Coincidence Spectroscopy
			2006A1757	BL27SU	齋藤 則生	

The Journal of Physiology

33127	R. Corpeno	592 (2014) 3859-3880	2012B1047	BL45XU	Ochala Julien	Time Course Analysis of Mechanical Ventilation-Induced Diaphragm Contractile Muscle Dysfunction in the Rat
			2011B1058	BL45XU	Ochala Julien	

Journal of Polymer Science Part A: Polymer Chemistry

32986	Tomoyuki Yamamoto	53 (2015) 1586-1593	2014A1779	BL46XU	井改 知幸	Influence of 4-fluorophenyl Pendants in Thieno[3,4- <i>b</i>]thiophene-benzo [1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-based Polymers on the Performance of Photovoltaics
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Journal of Solid State Chemistry

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
32809	Zhaoming Zhang	180 (2007) 1083-1092	2005A0355	BL02B2	Howard Christopher	Structures and Phase Diagram for the System CaTiO ₃ -La ₂ O ₃ TiO ₃

Journal of Solid State Electrochemistry

33140	Shinji Fujimoto	19 (2015) 3521-3531	2009B1863	BL46XU	佐藤 真直	Characterization of Oxide Films Formed on Alloy 600 and Alloy 690 in Simulated PWR Primary Water by using Hard X-ray Photoelectron Spectroscopy
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Journal of Structural Biology

33045	Ansuman Biswas	197 (2016) 236-249	2014A6967	BL44XU	Jeyaraman Jeyakanthan	Crystal Structures of an Archaeal Thymidylate Kinase from <i>Sulfolobus tokodaii</i> Provide Insights into the Role of a Conserved Active Site Arginine Residue
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Journal of Superconductivity and Novel Magnetism

33057	Masahiro Mikuriya	(2016) Online publication: 27 Jul. 2016	2015B1001	BL02B1	今野 巧	Two-Dimensional Chain Complex Based on Diruthenium (II, III) Acetate and Tetracyanidoplatinate(II)
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Journal of the Electrochemical Society

32887	Tomokazu Sakamoto	164 (2017) F229-F234	2015B3616	BL14B1	坂本 友和	NiO/Nb ₂ O ₅ /C Hydrazine Electrooxidation Catalysts for Anion Exchange Membrane Fuel Cells
			2016A3616	BL14B1	坂本 友和	

Journal of the Korean Physical Society

32842	Tomohiro Ohnishi	62 (2013) 1887-1892	2006B1272	BL08W	谷口 貴士	Correlation between Magnetism and Crystal Symmetry in the Mixed Valence System of Sr _{1-x} Ca _x Ru _{0.5} Mn _{0.5} O ₃
			2007B1410	BL08W	水崎 壮一郎	

Journal of Vacuum Science & Technology A

32755	Akito Takashima	35 (2017) 021507	2012B1817	BL47XU	室 隆桂之	Hard X-ray Photoemission Study of Oxidation States of Ti Underlayer in Fe/Ti Film System
			2013A1708	BL47XU	室 隆桂之	
			2013B1784	BL47XU	室 隆桂之	

Magnesium Technology 2017

33138	Klaus-Dieter Liss	(2017) 633-638	2013B1157	BL04B1	Liss Klaus Dieter	Structural Evolution of Metals at High Temperature: Complementary Investigations with Neutron and Synchrotron Quantum Beams
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Materials Letters

32907	M. Ghafani	164 (2016) 535-538	2009B1344	BL13XU	北川 進	Occurrence of Two Amorphous Phases in an Fe ₄₀ Co ₄₀ B ₂₀ Alloy
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Materials Research Express

33345	Kyle Moriai	4 (2017) 045017	2013A1753	BL39XU	川上 修平	Synthesis of TiO ₂ Nanotubes: Effect of Post-treatment on Crystallinity and Photocatalytic Activity
			2015A0074	BL02B2	森吉 千佳子	

Metallurgical and Materials Transactions A

33207	Hiroshi Okuda	45 (2014) 4780-4785	2013A1447	BL04B2	奥田 浩司	Microstructural Evolution of Long-Period Stacking Ordered Structures in Mg ₉₇ Y ₂ Zn ₁ Alloys Examined by <i>In-Situ</i> Small Angle X-ray Scattering
			2013B1383	BL04B2	奥田 浩司	

Methods in Molecular Biology

33180	Tatsuya Nishino	1413 (2016) 135-146	2013A6839	BL44XU	西野 達哉	Biochemical and Structural Analysis of Kinetochore Histone-Fold Complexes
			2013B1195	BL38B1	西野 達哉	
			2014A6939	BL44XU	西野 達哉	
			2011B1146	BL38B1	西野 達哉	
			2012A1104	BL38B1	西野 達哉	

Microporous and Mesoporous Materials

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
33159	Kazu Okumura	241 (2017) 400-408	2016B1148	BL01B1	奥村 和	Direct Inclusion of Triphenylphosphine Derivatives into the Zeolite Y Supercage

Molecular Cell

32885	Seichi Hirano	61 (2016) 886-894	2015A0119	BL41XU	瀧木 理	Structural Basis for the Altered PAM Specificities of Engineered CRISPR-Cas9
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Molecular Crystals and Liquid Crystals

33149	Nobutaka Tangaki	621 (2015) 118-123	2014A1507	BL46XU	宮寺 哲彦	Oriented Thin Films of the Low-Band-Gap Polymer PTB7 by Friction Transfer Method
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MRS Communications

33055	Yifan Ye	7 (2017) 53-66	2013A7450	BL07LSU	Guo Jinghua	X-ray Spectroscopies Studies of the 3d Transition Metal Oxides and Applications of Photocatalysis
			2012B7438	BL07LSU	Guo Jinghua	
			2012A7428	BL07LSU	Guo Jinghua	

Nature

33165	Michihiro Suga	543 (2017) 131-135	2013B1259	BL41XU	沈 建仁	Light-Induced Structural Changes and the Site of O=O Bond Formation in PSII Caught by XFEL
			2014A1243	BL41XU	沈 建仁	
			2014A6927	BL44XU	菅 倫寛	
			2014B1281	BL41XU	沈 建仁	
			2014B6927	BL44XU	菅 倫寛	
			2014B8048	BL3	沈 建仁	
			2015A1108	BL41XU	沈 建仁	
			2015A6522	BL44XU	菅 倫寛	
			2015A1108	BL26B1	沈 建仁	
			2015B6522	BL44XU	菅 倫寛	
			2015B8044	BL3	沈 建仁	
			2016A2542	BL26B1	沈 建仁	
2016A2542	BL41XU	沈 建仁				
2016A8033	BL3	沈 建仁				

Organic & Biomolecular Chemistry

33033	Kazuma Oda	15 (2017) 1426-1434	2016B1151	BL38B1	久木 一朗	Synthesis of Bright Red-Emissive Dicyanoetheno-Bridged Hexa-peri-hexabenzocoronene Dimers
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Organometallics

33002	Kotohiro Nomura	36 (2017) 530-542	2016A1455	BL01B1	野村 琴広	Synthesis of (Adamantylimido)vanadium(V) Dimethyl Complex Containing (2-Anilidomethyl)pyridine Ligand and Selected Reactions: Exploring the Oxidation State of the Catalytically Active Species in Ethylene Dimerization
			2015B1308	BL01B1	山添 誠司	

Physica C

33050	Rikiya Yoshida	469 (2009) 1034-1036	2008A1576	BL27SU	横谷 尚睦	Bulk-Sensitive Spectroscopic Studies on Noncentrosymmetric Superconducting System of Mg-Ir-B
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Physical Review E

33119	Yasuaki Okumura	70 (2004) 021917	2002B0019	BL44B2	佐々木 裕次	Picometer-Scale Dynamical Observations of Individual Membrane Proteins: The Case of Bacteriorhodopsin
			2003A0610	BL44B2	佐々木 裕次	

Physics and Chemistry of Minerals

32975	Masaki Akaogi	44 (2017) 63-73	2015A1200	BL04B2	遊佐 斉	High-Pressure High-Temperature Phase Relations in FeTiO ₃ up to 35 GPa and 1600°C
			2015A1204	BL10XU	遊佐 斉	
			2015B1157	BL04B2	遊佐 斉	

PLoS One

33017	Ken Inaoka	11 (2016) e0167078	2013A6843	BL44XU	原田 繁春	The Open Form Inducer Approach for Structure-Based Drug Design
			2014A6943	BL44XU	原田 繁春	
			2015B6535	BL44XU	原田 繁春	

Polymer

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
33048	Xinyue Jiang	112 (2017) 152-158	2015B1100	BL40B2	寺尾 憲	Dimensional and Hydrodynamic Properties of Cellulose <i>Tris</i> (Alkylcarbamate)s in Solution: Side Chain Dependent Conformation in Tetrahydrofuran
			2016A1053	BL40B2	寺尾 憲	
			2016B1088	BL40B2	寺尾 憲	

Polymer Chemistry

33104	Yoshifumi Amamoto	2 (2011) 957-962	2009A1011	BL40B2	高原 淳	Mesh-Size Control and Functionalization of Reorganizable Chemical Gels by Monomer Insertion into Their Cross-Linking Points
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Proceedings of the Royal Society B Biological Sciences

33209	Alexander Blanke	282 (2015) 109-115	2014B1046	BL47XU	町田 龍一郎	Structural Mouthpart Interaction Evolved Already in the Earliest Lineages of Insects
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Protein Engineering Design and Selection

32997	Li-Jen Hsu	29 (2016) 513-522	2015A1111	BL41XU	Li Tsung Lin	Structural and Biochemical Interrogation on Transketolase from <i>Pichia stipitis</i> for New Functionality
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Protein Science

33179	Masaru Yamanaka	26 (2017) 464-474	2015B1030	BL38B1	長尾 聡	Formation and Carbon Monoxide-Dependent Dissociation of <i>Allochromatium vinosum</i> Cytochrome <i>c'</i> Oligomers using Domain-Swapped Dimers
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RSC Advances

33312	Chiung-Cheng Huang	6 (2016) 110898-110910	2014B4134	BL12B2	Hsu I Jui	Wide Blue Phase Range Observed in Simple Binary Mixture Systems Containing Rodlike Racemic Biphenyl Mesogens with 2-octyloxy Tails
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Science

32940	Ruobing Ren	349 (2015) 187-191	2013B1035	BL32XU	Yan Nieng	Crystal Structure of a Mycobacterial Insig Homolog Provides Insight into how These Sensors Monitor Sterol Levels
			2011B0040	BL41XU	Yan Nieng	
			2011A1050	BL41XU	Yan Nieng	

Science and Technology of Advanced Materials

33065	Moritz Hoesch	7 (2006) S31-S36	2004B0736	BL35XU	Hoesch Moritz	Acoustic and Optical Phonons in Metallic Diamond
			2005A0596	BL35XU	Hoesch Moritz	

Science of Advanced Materials

32739	Chih Ming Lin	7 (2015) 1039-1044	2013B4129	BL12B2	Lin Chih Ming	Pressure-Induced Phase Transitions in InAs Studied by Angular- Dispersive X-ray Diffraction and Raman Spectroscopy
			2014A4134	BL12B2	Lin Chih Ming	
			2014B4133	BL12B2	Lin Chih Ming	

Scripta Materialia

32919	Sumiaki Nakano	53 (2005) 59-61	2004A0802	BL19B2	濱田 糾	Variation of Microhardness with Chemical Composition for Melt- Spun Mg-Pd and Mg-Pd-Ni Amorphous Alloys
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Separation and Purification Technology

32923	Motoki Maeda	177 (2017) 176-181	2013B3518	BL11XU	成田 弘一	Selective Extraction of Pt(IV) over Fe(III) from HCl with an Amide- Containing Tertiary Amine Compound
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Soft Matter

33311	Chiung-Cheng Huang	12 (2016) 3110-3120	2012B4136	BL12B2	Hsu I Jui	Broad Temperature Range of Cubic Blue Phase Present in Simple Binary Mixture Systems Containing Rodlike Schiff Base Mesogens with Tolane Moiety
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Solid State Communications

33168	Hojun Im	209-210 (2015) 45-48	2007A3835	BL23SU	伊藤 孝寛	Fermi Surface Variation of Ce 4f Electrons in Hybridization Controlled Heavy-Fermion Systems
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Solid State Ionics

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
33062	Kazuhiro Mori	301 (2017) 163-169	2014A1440	BL04B2	小野寺 陽平	Structural Origin of Massive Improvement in Li-ion Conductivity on Transition from (Li ₂ S) ₅ (GeS ₂)(P ₂ S ₅) Glass to Li ₁₀ GeP ₂ S ₁₂ Crystal

Superconductor Science and Tecgnology

33142	Kozo Osamura	26 (2013) 094001	2012A1765	BL46XU	町屋 修太郎	Thermal Strain Exerted on Superconductive Filaments in Practical Nb ₃ Sn and Nb ₃ Al Strands
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Surface and Interface Analysis

33132	Masayasu Nagoshi	46 (2014) 888-891	2005B0934	BL46XU	名越 正泰	Crystal Structure of Oxide Layers on Mo-Added Fe-Cr Alloys Studied by GIXS and XPS
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Synthetic Metals

32920	Seichiro Izawa	197 (2014) 175-181	2013A1634	BL19B2	尾坂 格	Separated Crystallization of Donor and Acceptor in Oligo(<i>p</i> -phenylenevinylene)-naphthalenediimide Dyad Films
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Topics in Catalysis

32787	Licheng Liu	57 (2014) 595-606	2011B1597	BL01B1	岩澤 康裕	Dependences of the Oxygen Reduction Reaction Activity of Pd-Co/C and Pd-Ni/C Alloy Electrocatalysts on the Nanoparticle Size and Lattice Constant
			2011B1040	BL01B1	岩澤 康裕	
			2012A1026	BL01B1	岩澤 康裕	

Transactions of Nonferrous Metals Society of China

33027	Masakazu Kobayashi	24 (2014) 2094-2101	2009A1554	BL20XU	小林 正和	Development of 3D Crystallographic Orientation Measurement for Grain Deformation Analysis in Aluminum Alloy
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Vacuum

33026	Shigeharu Tamura	84 (2010) 1457-1459	2008B1197	BL20XU	田村 繁治	Fabrication and Testing of Sputtered-Sliced Kinoform Style Fresnel Zone Plate
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軽金属 (Journal of Japan Institute of Light Metals)

32796	Masakazu Kobayashi	66 (2016) 589-594	2014A1192	BL20XU	小林 正和	Relationship between Internal Inhomogeneous Deformation and Local Misorientation in Aluminum Alloy Deformed by Plane Strain Compression
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高圧力の科学と技術 (The Review of High Pressure Science and Technology)

32763	Yoichi Nakajima	21 (2011) 98-108	2008B1267	BL04B1	高橋 栄一	Possible Role of Carbon and Hydrogen in the Earth's Core
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高分子論文集 (Japanese Journal of Polymer Science and Technology)

32744	Daigo Kobayashi	74 (2017) 91-98	2012B1274	BL43IR	高原 淳	Interphase Structure of Oxidized Carbon Fiber Reinforced Polyamide 6 Revealed by Synchrotron Microbeam X-ray Diffraction and Infrared-Spectroscopy
			2011B1433	BL40XU	高原 淳	
			2012B1237	BL40B2	高原 淳	

国立歴史民俗博物館研究報告 (Bulletin of the National Museum of Japanese History)

33416	Yoshiko Shimadzu	206 (2017) 61-87	2015B1822	BL43IR	島津 美子	Technical Study of Paint Materials in the Buddhism Polychrome Wood Sculptures Made in the 19th and the Early 20th Century in Japan: Case Studies of Ryusen-ji, Shioda-Gyoya and Horai-ji
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材料 (Journal of the Society of Materials Science, Japan)

32835	Mitsuo Shibutani	66 (2017) 23-28	2007B3300	BL08B2	桑本 滋生	Characteristics of the Amorphous Polyvinyl Alcohol Resin Derivative Having Side Chain 1,2-Diol
			2007A3300	BL08B2	桑本 滋生	

生物物理 (Biophysics)

33282	Jian-Ren Shen	56 (2016) 79-86	2014B8048	BL3	沈 建仁	Structural Biology of Photosynthetic Systems
			2015A8055	BL3	沈 建仁	

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

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
33181	Yuden Teraoka	137 (2017) 394-399	2012B3801	BL23SU	寺岡 有殿	Chemical Reaction Mechanisms of Oxide Layer Formation via Oxygen Molecule at Ni(001) Surface as Observed by Synchrotron Photoemission Spectroscopy
			2013A3801	BL23SU	寺岡 有殿	
			2013B3801	BL23SU	寺岡 有殿	
			2014A3801	BL23SU	寺岡 有殿	

日本金属学会誌 (The Journal of the Japan Institute of Metals and Materials)

33160	Masugu Sato	78 (2014) 415-418	2005B0947	BL47XU	西山 佳孝	Analysis for Surface and Interface of Metallic Materials by Synchrotron Radiation
			2006A0187	BL39XU	來村 和潔	
			2009A1785	BL19B2	大塚 伸夫	
			2009B1790	BL19B2	大塚 伸夫	
			2009A1940	BL46XU	土井 教史	

日本食品工学会誌 (Japan Journal of Food Engineering)

32819	Masugu Sato	17 (2016) 83-88	2013B1847	BL19B2	佐藤 真直	Non-destructive Three-dimensional Observation of Structure of Ice Grains in Frozen Food by X-ray Computed Tomography Using Synchrotron Radiation
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保全学 (Maintenology)

33166	Kenji Suzuki	14 (2015) 89-95	2013A3784	BL22XU	鈴木 賢治	Evaluation of Welding Residual Stresses in Austenitic Stainless Steel using Diffraction Spot Trace Method
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博士論文 (東京大学)

33171	Yusuke Takeda	(2017)	2016A1711	BL47XU	竹田 裕介	Evolution and Diversity of Biomineralogical Nature in Ectococheate Cephalopod Septa
			2015B1837	BL47XU	竹田 裕介	
33184	Masafumi Horio	(2017)	2015B1699	BL47XU	堀尾 真史	Photoemission Studies of New Electron-Doped Cuprate High-Temperature Superconductors
			2015B7401	BL07LSU	松田 巖	
33210	Akira Yoko	(2017)	2015B1705	BL02B2	横 哲	Nanostructure Measurements and Theoretical Calculation toward Improvement of Supercritical Hydrothermal Synthesis
			2016A1634	BL01B1	横 哲	
			2013B1710	BL04B2	横 哲	
			2014A1623	BL04B2	横 哲	

博士論文 (東北大学)

33081	Satoru Sasaki	(2017)	2016A0073	BL43IR	佐々木 孝彦	Charge Vitrification and Crystallization Dynamics in an Organic Conductor with Geometric Charge Frustration
			2015B1752	BL43IR	佐々木 智	
			2015A1777	BL43IR	佐々木 智	
			2014B1752	BL43IR	佐々木 智	
			2014B1340	BL43IR	橋本 顕一郎	
33082	Yuta Honma	(2017)	2016A1617	BL40B2	本間 優太	Control of Higher-Order Structures by Developing Fabrication Methods of Conductive Polymer PEDOT/PSS Films and Investigations of their Electrical Transport Properties
			2015B1694	BL40B2	本間 優太	
			2015A1773	BL40B2	本間 優太	
			2014B1730	BL40B2	本間 優太	
			2014A1629	BL40B2	本間 優太	
33221	Takayuki Tashiro	(2016) 1-133	2014B1790	BL46XU	田代 敬之	Fabrication and Characterization of L ₁₀ -FeNi
			2014B1933	BL46XU	田代 敬之	
			2015A1961	BL46XU	小金澤 智之	
			2015B1621	BL46XU	小金澤 智之	
			2016A1513	BL46XU	小金澤 智之	
			2016A1665	BL13XU	田代 敬之	
			2016A1682	BL46XU	田代 敬之	
			2016A1757	BL46XU	小金澤 智之	
			2016A1781	BL19B2	田代 敬之	
			2016B1894	BL19B2	田代 敬之	
			2013B4909	BL15XU	水口 将輝	
2014A4906	BL15XU	水口 将輝				

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
33097	Akihiro Watanabe	(2017)	2016A1673	BL19B2	渡邊 明尋	Synthesis and Hydride Ion Conductivities of K_2NiF_4 -type Oxyhydrides
			2016B1767	BL19B2	渡邊 明尋	
33360	Suzue Yoneda	(2017)	2016A1681	BL19B2	米田 鈴枝	The Mechanism of a Protective Al_2O_3 Scale Formation on Fe-Cr-Al Alloys
			2014A1550	BL19B2	林 重成	
			2014B1646	BL19B2	林 重成	
			2015A1727	BL19B2	林 重成	

博士論文 (Universität Würzburg)

33084	Florian Pfaff	(2017)	2013B3881	BL23SU	藤原 秀紀	Spektroskopie und Hochauflösende Mikroskopie zur Analyse der Grenzflächeneigenschaften in $SrTiO_3$ -basierten Heterostrukturen
			2013A3881	BL23SU	藤原 秀紀	
			2013A7449	BL07LSU	Sing Michael	
			2012B7439	BL07LSU	Sing Michael	
			2014B3883	BL23SU	藤原 秀紀	
			2012A7429	BL07LSU	Sing Michael	

博士論文 (University of Warwick)

33400	Ian Maskery	(2013)	2011B1523	BL08W	Duffy Jonathan	Spin Densities in 4f and 3d Magnetic Systems
			2012B0045	BL08W	Duffy Jonathan	

博士論文 (大阪大学)

33083	Takuya Aoyama	(2015)	2014B1775	BL10XU	青山 拓也	High Pressure Study on Dielectric and Nonlinear Optical Properties in Magnetic Insulators
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博士論文 (大阪府立大学)

32966	Takashi Go	(2016)	2013A1056	BL43IR	溝口 幸司	Optical Study on Electronic Ferroelectric Material $LuFe_2O_4$
			2013B1139	BL43IR	溝口 幸司	
			2009A0089	BL43IR	岡村 英一	
			2014B1740	BL43IR	呉 剛志	
			2015A1770	BL43IR	呉 剛志	

博士論文 (北九州市立大学)

32758	Rintaro Takahashi	(2017)	2011B1068	BL40B2	寺尾 憲	Self-Assembly of Block Copolymers in Solution Controlled by the Intermolecular Interactions
			2014B1715	BL40B2	高橋 倫太郎	
			2014B1087	BL40B2	寺尾 憲	
			2015A1804	BL40B2	高橋 倫太郎	
			2015B1674	BL40B2	高橋 倫太郎	

博士論文 (京都大学)

33185	Yoshiteru Hosaka	(2017)	2016B1732	BL02B2	保坂 祥輝	Charge Transitions of Perovskite Structure Oxides with Unusually High Valence Fe
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博士論文 (慶應義塾大学)

33353	Shunsuke Sakuragi	(2017)	2014A1675	BL13XU	櫻木 俊輔	Ferromagnetism Induced by Quantum-Well States in Pd(100) Ultrathin Films
			2015A1775	BL13XU	櫻木 俊輔	
			2015B1689	BL13XU	櫻木 俊輔	

博士論文 (神戸大学)

33270	Megumi Matsumoto	(2017) 1-71	2015A1378	BL10XU	瀬戸 雄介	Nepheline and Sodalite in the Ningqiang Carbonaceous Chondrite: Implications for Formation through Parent-body Processes
			2013B1215	BL10XU	瀬戸 雄介	
			2012B1344	BL10XU	瀬戸 雄介	
			2011B1339	BL10XU	瀬戸 雄介	
			2009B1238	BL10XU	瀬戸 雄介	

博士論文 (鳥取大学)

33302	Ryo Yoshimatsu	(2017)	2014B1893	BL14B2	吉松 良	Basic Research of Oxynitride and Mixed-anion (S, O, F) Compound Phosphor for White LEDs
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博士論文 (長浜バイオ大学)

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
33301	Emi Takeda	(2017)	2013A6836	BL44XU	中村 卓	Elucidation of the Primary-Substrate Recognition Mechanism in O-phospho-L-Serine Sulfhydrylase from Hyperthermophilic Archaeon <i>Aeropyrum pernix</i> K1
			2013B6836	BL44XU	中村 卓	
			2014A6936	BL44XU	中村 卓	
			2014B6936	BL44XU	中村 卓	
			2015B6529	BL44XU	中村 卓	
2016A6630	BL44XU	中村 卓				

博士論文 (名古屋大学)

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
33025	Toshio Nishino	(2016)	2013B1422	BL38B1	山田 泰之	Development of Macrocyclic Metal Complexes Based on Self-Assembly
			2012B1525	BL02B1	山田 泰之	
			2013B1415	BL02B1	山田 泰之	
			2013A1370	BL02B1	山田 泰之	
			2014B1175	BL02B1	山田 泰之	

博士論文 (兵庫県立大学)

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
33390	Yuu Tsuchiya	(2017)	2015B1735	BL35XU	土屋 優	Studies on the Iron Electronic States in Iron-Based Superconductors and the Related Compounds
			2012B0046	BL39XU	渡辺 真仁	
			2015B1982	BL35XU	筒井 智嗣	

博士論文 (北海道大学)

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
33113	Sohtaro Anraku	(2017)	2012A1544	BL01B1	安楽 総太郎	Natural Analogue Study of Secondary Minerals at Naturally Occurring Hyperalkaline Springs in Oman

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
32779	Norihiko Ikeno	(2016)	2015A1986	BL46XU	池野 成裕	Study on Control of Insulator/Semiconductor Interface for Crystalline Silicon Solar Cells
			2015A1706	BL19B2	小椋 厚志	
			2014B1892	BL46XU	小椋 厚志	
			2014B1615	BL46XU	小椋 厚志	

博士論文 (立命館大学)

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
33005	Toshiki Watanabe	(2017)	2013B1294	BL01B1	稲田 康宏	Development of in-situ Observation Cell for X-ray Absorption Fine Structure by Conversion Electron Yield Detection and its Application to Reduction Process of Shape-Controlled Copper(I) Oxide Particles

課題以外の成果として登録された論文

放射光 (Journal of the Japanese Society for Synchrotron Radiation Research) -1

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
33224	Yasumasa Hikosaka	23 (2010) 291-294	XFEL		Multi-Photon Multiple Ionization of Atoms Irradiated with EUV SASE-FEL Pulses
33225	Takahiro Sato	23 (2010) 295-298	XFEL		Non-Linear Optical Processes of Molecules Induced by Intense EUV-FEL Light
33226	Kiyonobu Nagaya	23 (2010) 299-302	XFEL		Multiple Photoionization Dynamics of Clusters by EUV-FEL
33227	Yoshihiro Ogi	23 (2010) 303-306	XFEL		Study on Ultrafast Electronic Dynamics of Photo-Excited Molecules using EUV-FEL and UV Femtosecond Laser
33228	Yuji Fukuda	23 (2010) 308-312	XFEL		High-Sensitive, High-Resolution, and Wide-Field-of-View Image Sensor for EUV-FEL
33229	Toshihiko Shimizu	23 (2010) 313-316	XFEL		Development of a Fast ZnO Scintillator for XFEL
33231	Hitoki Yoneda	23 (2010) 317-320	XFEL		Nonlinear Optics in High Density Matter with Extreme Ultra-Violet Free Electron Lasers
33232	Yoshinori Nishino	23 (2010) 322-324	XFEL		Toward Ultrafast Coherent Imaging of Materials Science Phenomena with FEL
33233	Jae Hoon Park	23 (2010) 325-327	SCSS		EUV-FEL Diffraction Imaging of Nanostructures at SCSS

放射光 (Journal of the Japanese Society for Synchrotron Radiation Research) -2

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33234	Makina Yabashi	22 (2011) 56-69		XFEL	XFEL/EUV-FEL Beamlines at SPring-8
33238	Toru Fukui	25 (2012) 65-69		加速器	The Accelerator Control System for SACLA
				制御	
				XFEL	
33239	Makina Yabashi	25 (2012) 70-75		XFEL	Beamline
33240	Hidekazu Mimura	25 (2012) 76-81		XFEL	Development of 1 μm XFEL Focusing System at SACLA
33241	Takaki Hatsui	25 (2012) 82-88		装置&技術	Detector, Data Acquisition System, Instrument Control, and Data Analysis
				XFEL	
33242	Hitoshi Tanaka	25 (2012) 89-97		光学系	Beam Commissioning and Achieved Laser Performance
				XFEL	
33243	Shunji Goto	25 (2012) 98-100		XFEL	Public User Operation of SACLA
33245	James Harries	26 (2013) 327-334		装置&技術	Superfluorescence Observed using an EUV-FEL
				XFEL	
33246	Atsushi Tokuhisa	26 (2013) 26-37		装置&技術	Possibility of Atomic-Resolution Single Bio-Molecular Imaging with X-ray Free Electron Laser
				XFEL	
33286	Michihiro Sugahara	29 (2016) 198-203		装置&技術	Method of Sample Loading for Serial Femtosecond Crystallography
				XFEL	
33288	Hitoki Yoneda	29 (2016) 165-169		装置&技術	Development of Atomic Inner Shell Ionized Hard X-ray Laser with Intense X-ray Free Electron Laser Pulse
				XFEL	
33289	Tetsuo Katayama	29 (2016) 110-113		装置&技術	Development of femtosecond X-ray spectroscopy using XFELs
				XFEL	
33292	Toshinori Suzuki	29 (2016) 23-31		XFEL	Femtosecond Time-Resolved X-ray Absorption Spectroscopy of Liquids using SACLA
				装置&技術	
33293	Hitoshi Tanaka	30 (2017) 28-38		加速器	Photon Diagnostic System to Fully Utilize the Performance of Upgraded SPring-8
				XFEL	

レーザー研究 (The Review of Laser Engineering)

33253	Yuichi Inubushi	38 (2009) 453-457		装置&技術	Nonlinear Transmission in Metal Using Intense Femtosecond EUV Free Electron Laser
				XFEL	
33255	Makina Yabashi	37 (2009) 879-885		XFEL	SPring-8 X-Ray Free Electron Laser: Status
33259	Takashi Tanaka	40 (2012) 658-665		XFEL	Mechanism of X-Ray Free Electron Lasers
33260	Makina Yabashi	40 (2012) 675-679		XFEL	Review of Scientific Cases and Beamline Technology for X-Ray Free-Electron Laser
33263	Atsushi Iwasaki	40 (2012) 687-690		装置&技術	Photoionization of Atoms and Molecules by Intense EUV-FEL Pulses and FEL Seeded by High-Order Harmonic of Ultrashort Laser Pulses
				XFEL	
33264	Kazuto Yamauchi	40 (2012) 691-695		装置&技術	Nanofocusing of X-Ray Free Electron Laser
				XFEL	
33265	Hitoki Yoneda	40 (2012) 696-702		XFEL	Nonlinear X-Ray Interactions with a Solid Target and Their Applications

Journal of Physics B: Atomic, Molecular and Optical Physics

32774	Hiroshi Iwayama	46 (2013) 164019		SCSS	Frustration of Photoionization of Ar Nanoplasma Produced by Extreme Ultraviolet FEL Pulses
32775	R. Ma	46 (2013) 164018		SCSS	Photoelectron Angular Distributions for the Two-Photon Ionization of Helium by Ultrashort Extreme Ultraviolet Free-Electron Laser Pulses
32783	Subhendu Mondal	46 (2013) 205601		SCSS	Photoelectron Angular Distributions in Infrared One-Photon and Two-Photon Ionization of FEL-Pumped Rydberg States of Helium
32784	Kiyonobu Nagaya	46 (2013) 164023		SCSS	Unusual Under-Threshold Ionization of Neon Clusters Studied by Ion Spectroscopy

Applied Physics Letters

32989	Hiroki Ueda	109 (2016) 182902		理研	BL17SU	Magnetic Structure and Effect of Magnetic Field on its Domain Structure in Magnetoelectric Ba _{1.3} Sr _{0.7} CoZnFe ₁₁ AlO ₂₂
33321	Yasuhiro Yoneda	83 (2003) 275-277			BL02B2	Stacking-Fault-Induced Intermediate Structure in Bismuth Titanate

Crystal Growth & Design

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33086	Peter Norby	16 (2016) 2646-2652	理研	BL44B2	Continuous Flow Supercritical Water Synthesis and Temperature-Dependent Defect Structure Analysis of YAG and YbAG Nanoparticles
33110	Peter Norby	16 (2016) 834-841	理研	BL44B2	Hydrothermal Synthesis of CoSb ₂ O ₄ : In Situ Powder X-ray Diffraction, Crystal Structure, and Electrochemical Properties

Dalton Transactions

33123	Martin Roelsgaard	45 (2016) 18994-19001	理研	BL44B2	The Hydrothermal Synthesis, Crystal Structure and Electrochemical Properties of MnSb ₂ O ₄
33126	Hiroyasu Masunaga	42 (2013) 16216-16221	理研	BL45XU	Trilayer-Cubic Core-Shell Structure of PbS/EuS Nanocrystals Revealed by the Combination of the Synchrotron Small-Angle X-ray Scattering Method and Energy-Dispersive X-ray Spectroscopy

Journal of the American Chemical Society

32762	Masaaki Sadakiyo	134 (2012) 5472-5475		BL02B2	Promotion of Low-Humidity Proton Conduction by Controlling Hydrophilicity in Layered Metal-Organic Frameworks
33308	Shigeyuki Masaoka	128 (2006) 15799-15808		BL02B2	Chemical Reaction-Inspired Crystal Growth of a Coordination Polymer toward Morphology Design and Control

Physical Review A

32785	Satoshi Yase	88 (2013) 043203	SCSS		Crossover in the Photoionization Processes of Neon Clusters with Increasing EUV Free-Electron-Laser Intensity
32786	Subhendu Mondal	89 (2014) 013415	SCSS		Pulse-Delay Effects in the Angular Distribution of Near-Threshold EUV + IR Two-Photon Ionization Ne

Physical Review B

32990	Y. W. Windsor	94 (2016) 214412	理研	BL17SU	Ferromagnetic and Antiferromagnetic Orders of a Phase-Separated Manganite Probed throughout the <i>B-T</i> Phase Diagram
33403	T. Taniguchi	75 (2007) 024414		BL08W	Anomalous Volume Expansion in CaRu _{0.85} Fe _{0.15} O ₃ : Neutron Powder Diffraction and Magnetic Compton Scattering

Radiation Measurements

33218	Yoshihiro Asano	41 (2006) S236-S241	装置&技術	BL01B1	Radiation Safety Issues for Top-up Operation at SPring-8
33219	Yoshihiro Asano	41 (2006) S194-S199	装置&技術	BL47XU	Shielding Design Aspects of SR Beamlines for 3 and 8 GeV Class Synchrotron Radiation Facilities
			装置&技術	BL02B1	
			装置&技術	BL45XU	
			装置&技術	BL08W	

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

33271	Tetsuya Ishikawa	23 (2013) 207-213	XFEL		X-Ray Free Electron Laser: SACLA
33272	Kazuto Yamauchi	23 (2013) 220-226	装置&技術		Current Status and Future Challenges in Focusing Technology of X-Ray Free Electron Laser
			XFEL		

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

33273	Tetsuya Ishikawa	56 (2014) 4-8	XFEL		Early Days of SPring-8 Angstrom Compact Free-Electron Laser (SACLA)
33274	Makina Yabashi	56 (2014) 9-14	XFEL		Overview of X-ray Free Electron Laser Facility SACLA

日本物理学会誌 (Butsuri)

33278	Tetsuya Ishikawa	70 (2015) 675-682	XFEL		An Alley from 'X-rays and Crystals' by Torahiko Terada to an X-ray Free Electron Laser, 'SACLA'
33279	Masayoshi Nakasako	70 (2015) 702-712	XFEL		X-ray Structure Analyses of Biological Molecules and Particles in Japan. A Brief History and Future Prospect

Acta Crystallographica Section B

33087	Mattia Sist	72 (2016) 310-316	理研	BL44B2	Crystal Structure and Phase Transition of Thermoelectric SnSe
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AIP Conference Proceedings

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
32773	Haruhiko Ohashi	1741 (2016) 040023	光学系		Development of Contamination-Free X-ray Optics for Next-Generation Light Sources

Biochemical and Biophysical Research Communications

32754	Viswanathan Thiruselvam	482 (2017) 264-269	理研	BL26B2	Crystal Structure Analysis of a Hypothetical Protein (MJ0366) from <i>Methanocaldococcus jannaschii</i> Revealed a Novel Topological Arrangement of the Knot Fold
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Bioscience, Biotechnology, and Biochemistry

32769	Hiroki Tsuruta	74 (2010) 69-74		BL38B1	Crystal Structure of Cold-Active Alkaline Phosphatase from the Psychrophile <i>Shewanella</i> sp.
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Chemical Communications

33306	Yuh Hijikata	47 (2011) 7632-7634		BL02B2	Differences of Crystal Structure and Dynamics between a Soft Porous Nanocrystal and a Bulk Crystal
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Chemical Physics Letters

33305	Masaki Takata	372 (2003) 512-518		BL02B2	Sc ₂ Dimer in IPR-Violated C ₆₆ Fullerene: a Covalent Bonded Metallofullerene
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Chemical Science

33085	Espen Bojesen	7 (2016) 6394-6406	理研	BL44B2	The Chemistry of ZnWO ₄ Nanoparticle Formation
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Chinese Journal of Physics

33324	Kazunori Takada	43 (2005) 556-565		BL02B2	Characterization of Superconducting Sodium Cobalt Oxide Bilayer-Hydrate
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Computational and Theoretical Chemistry

33348	Niels Bindzus	1053 (2015) 245-253		BL02B2	Mapping the Complete Bonding Network in KBH ₄ using the Combined Power of Powder Diffraction and Maximum Entropy Method
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CrystEngComm

33098	Troels Lindahl Christiansen	18 (2016) 1996-2004	理研	BL44B2	Crystal Structure, Microstructure and Electrochemical Properties of Hydrothermally Synthesised LiMn ₂ O ₄
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European Journal of Mineralogy

33355	Anton Shatskiy	27 (2015) 175-184		BL04B1	Na-Ca Carbonates Synthesized under Upper-Mantle Conditions: Raman Spectroscopic and X-ray Diffraction Studies
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FEBS Letters

32761	Yutaka Yorinaga	591 (2017) 540-547	理研	BL45XU	Crystal Structure of a Family 80 Chitosanase from <i>Mitsuaria Chitosanitabida</i>
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Journal of Magnetism and Magnetic Materials

33347	Yasujiro Taguchi	310 (2007) 1229-1230		BL02B2	One-Dimensional Magnetism and Doping Effects in Metal-Phthalocyanine Systems
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Journal of Materials Chemistry C

33112	Anders Blichfeld	3 (2015) 10543-10553	理研	BL44B2	Fast Direct Synthesis and Compaction of Phase Pure Thermoelectric ZnSb
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Journal of Physics and Chemistry of Solids

33298	Eiji Nishibori	62 (2000) 2095-2098		BL02B2	The Large Debye-Scherrer Camera Installed at SPring-8 BL02B2 for Charge Density Studies
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Journal of the Physical Society of Japan

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33356	Takateru Kawakami	72 (2003) 33-36		BL04B2	High-Pressure Mössbauer and X-ray Powder Diffraction Studies of SrFeO ₃

Journal of Physics: Conference Series

32766	Kazumasa Okada	388 (2012) 022030		BL27SU	Photo Fragmentation of the K-shell Excited Perfluorocyclobutane Probed by a Multiple-Ion Coincidence Technique
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Macromolecules

33350	Ryohei Ishige	48 (2015) 2697-2705		BL03XU	Structural Analysis of Microphase Separated Interface in an ABC-Type Triblock Terpolymer by Combining Methods of Synchrotron-Radiation Grazing Incidence Small-Angle X-ray Scattering and Electron Microtomography
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Nature Materials

33295	Yoji Kobayashi	11 (2012) 507-511		BL02B2	An Oxyhydride of BaTiO ₃ Exhibiting Hydride Exchange and Electronic Conductivity
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New Journal of Physics

33349	Yoichi Kamihara	12 (2010) 033005		BL02B2	Electronic and Magnetic Phase Diagram of Superconductors, SmFeAsO _{1-x} F _x
				BL09XU	

Physica B

33358	Ichimin Shirovani	382 (2006) 8-13		BL10XU	X-ray Study with Synchrotron Radiation for Filled Skutterudite YbFe ₄ P ₁₂ at Ambient and High Pressures
				BL04B2	

Physical Chemistry Chemical Physics

33071	Sebastian Christensen	18 (2016) 15874-15883	理研	BL44B2	Structural Disorder, Anisotropic Micro-Strain and Cation Vacancies in Thermo-Electric Lead Chalcogenides
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Physical Review Letters

33146	Toshiaki Inada	118 (2017) 071803	理研	BL19LXU	Search for Two-Photon Interaction with Axionlike Particles Using High-Repetition Pulsed Magnets and Synchrotron X Rays
			装置&技術		

Physics of the Earth and Planetary Interiors

33352	Yuichiro Sueda	174 (2009) 78-85		BL04B1	Thermal Equation of State of CaFe ₂ O ₄ -Type MgAl ₂ O ₄
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PLoS One

33186	Chia-Jung Chang	11 (2016) e0147485		BL12B2	Exploring the Mechanism Responsible for Cellulase Thermostability by Structure-Guided Recombination
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Radiation Physics and Chemistry

33415	Marek Brancewicz	78 (2009) S137-S139		BL08W	Electron Momentum Density of Hexagonal Magnesium Studied by High-Resolution Compton Scattering
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Review of Scientific Instruments

33351	Anton Shatskiy	80 (2009) 023907		BL04B1	Boron-Doped Diamond Heater and Its Application to Large-Volume, High-Pressure, and High-Temperature Experiments
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Scientific Reports

32908	Teruhiko Bizen	6 (2016) 37937	装置&技術		Radiation-Induced Magnetization Reversal Causing a Large Flux Loss in Undulator Permanent Magnets
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固体物理 (Solid State Physics)

33223	Makina Yabashi	44 (2009) 887-896	XFEL		X-ray Free Electron Laser
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真空 (Journal of the Vacuum Society of Japan)

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33256	Kazuaki Togawa	55 (2012) 73-77	装置&技術 XFEL		Low-emittance Electron Gun for X-ray Free Electron Laser at SPring-8

生物物理 (Biophysics)

33280	Kunio Hirata	55 (2015) 84-86	装置&技術 XFEL		Determination of Radiation Damage-Free Crystal Structure of Cytochrome <i>c</i> Oxidase Using XFEL
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33281	Hitoki Yoneda	92 (2016) 729-734	装置&技術 XFEL		Development of Atomic Inner Shell Excitation X-ray Laser and Future Prospects
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32741	Shinji Mori	(2016)	理研	BL32XU	A Study of Human Chemokine Receptor XCR1 by Generation and Application of Monoclonal Antibodies
33216	Toshiaki Inada	(2015)	理研 装置&技術	BL19LXU	Search for Axion-Like Particles using Strong Pulsed Magnets at SPring-8