

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 30 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 2018 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
Scientific Reports	19	Applied Physics Express	5
Physical Review B	12	ECS Transactions	5
Japanese Journal of Applied Physics	10	Inorganic Chemistry	5
Journal of the American Chemical Society	8	Journal of Electron Spectroscopy and Related Phenomena	5
Nature Communications	8		
The Journal of Physical Chemistry C	6	Journal of Synchrotron Radiation	5
Journal of the Physical Society of Japan	6		

他全 185 誌、計 351 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

Scientific Reports-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
35203	Yi-Ying Chin	7 (2017) 3656	2016B4265	BL12XU	Chen Jin-Ming	Relation between the Co-O Bond Lengths and the Spin State of Co in Layered Cobaltates: a High-Pressure Study
35223	Hirokazu Masai	8 (2018) 623	2015B1587	BL14B2	正井 博和	X-ray-induced Scintillation Governed by Energy Transfer Process in Glasses
			2016A0130	BL01B1	小原 真司	
35225	Hirokazu Masai	8 (2018) 415	2014B1500	BL01B1	正井 博和	Validity of Valence Estimation of Dopants in Glasses using XANES Analysis
			2016A0130	BL01B1	小原 真司	
35268	Shingo Nojima	7 (2017) 13018	2014A1264	BL41XU	加藤 公児	Crystal Structure of the Flexible Tandem Repeat Domain of Bacterial Cellulose Synthesis Subunit C
			2015A1124	BL41XU	加藤 公児	
			2016A6611	BL44XU	加藤 公児	
35346	Masaharu Kameda	7 (2017) 16755	2014B1275	BL20B2	亀田 正治	Advancement of Magma Fragmentation by Inhomogeneous Bubble Distribution
			2015B1154	BL20B2	亀田 正治	
			2013B1037	BL20B2	亀田 正治	
35419	Amane Kobayashi	8 (2018) 831	2014A8033	BL3	中迫 雅由	Shot-by-Shot Characterization of Focused X-ray Free Electron Laser Pulses
			2014B8052	BL3	中迫 雅由	
			2015A8051	BL3	中迫 雅由	
			2015B8049	BL3	中迫 雅由	
			2016A8048	BL3	中迫 雅由	
			2016B8064	BL3	中迫 雅由	
2017A8015	BL3	中迫 雅由				
35432	Setsiri Haesuwannakij	7 (2017) 9579	2015A1134	BL01B1	櫻井 英博	The Impact of the Polymer Chain Length on the Catalytic Activity of Poly(<i>N</i> -vinyl-2-pyrrolidone)-supported Gold Nanoclusters
35435	Naoyuki Katayama	6 (2016) 39280	2009A0083	BL02B1	澤 博	Iron Arsenides with Three-Dimensional FeAs Layer Networks: $Ca_{n(n-1)/2}(Fe_{1-x}Pt_x)_{(2+3n)}Pt_{n(n-1)/2}As_{(n+1)(n+2)/2}$ ($n = 2, 3$)
35453	Satoshi Yamashita	8 (2018) 2606	2015B1001	BL02B1	今野 巧	Dielectric Jump and Negative Electrostriction in Metallosupramolecular Ionic Crystals
			2014B1022	BL19B2	今野 巧	
35460	Tomoyuki Mori	8 (2018) 1294	2012A1058	BL41XU	平野 良憲	Structural Basis of Thalidomide Enantiomer Binding to Cereblon
			2012A6738	BL44XU	平野 良憲	
			2012B1205	BL41XU	平野 良憲	
			2012B6738	BL44XU	平野 良憲	
			2013A6844	BL44XU	平野 良憲	
			2013B1288	BL41XU	平野 良憲	
			2013B6844	BL44XU	平野 良憲	
			2014A1283	BL41XU	平野 良憲	
			2014A6944	BL44XU	平野 良憲	
			2014B6944	BL44XU	平野 良憲	
			2014B1533	BL41XU	平野 良憲	
			2015A1086	BL41XU	森 智行	
			2015A6549	BL44XU	森 智行	
			2015B6549	BL44XU	森 智行	
			2016A2510	BL41XU	森 智行	
			2016A6648	BL44XU	森 智行	
			2016B6648	BL44XU	森 智行	
			2017A2502	BL41XU	森 智行	
2017B6759	BL44XU	森 智行				
2017A6759	BL44XU	森 智行				
2016A2519	BL41XU	平野 良憲				
35518	Paula V. Bulieris	7 (2017) 15743	2012B6739	BL44XU	Samatey Fadel	Structure of FigK Reveals the Divergence of the Bacterial Hook-Filament Junction of <i>Campylobacter</i>
			2013B6845	BL44XU	Samatey Fadel	
			2014A6901	BL44XU	Samatey Fadel	
			2014B6901	BL44XU	Samatey Fadel	
			2015A6501	BL44XU	Samatey Fadel	
35523	Nathalie Gonska	8 (2018) 3637	2013A1221	BL41XU	當舎 武彦	Characterization of the Quinol-Dependent Nitric Oxide Reductase from the Pathogen <i>Neisseria meningitidis</i> , an Electrogenic Enzyme
			2013B1427	BL41XU	當舎 武彦	
			2014A1424	BL41XU	當舎 武彦	

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
35526	Ayumi Ishii	7 (2017) 41446	2015A1552	BL02B2	長谷川 美貴	Solar-Pumping Upconversion of Interfacial Coordination Nanoparticles
			2015A1862	BL02B2	石井 あゆみ	
			2015B1353	BL02B2	石井 あゆみ	
			2016A1333	BL02B2	石井 あゆみ	
2016A1336	BL02B2	長谷川 美貴				
35564	Shuhei Sakakibara	7 (2017) 16428	2015A6500	BL44XU	山下 栄樹	Clonal Evolution and Antigen Recognition of Anti-Nuclear Antibodies in Acute Systemic Lupus Erythematosus
35565	Ing-Chien Chen	7 (2017) 14455	2016A4011	BL12B2	Wang Andrew	High Throughput Discovery of Influenza Virus Neutralizing Antibodies from Phage-Displayed Synthetic Antibody Libraries
2016A4000	BL12B2	Wang Andrew				
35580	Saori Roppongi	8 (2018) 2714	2017B6721	BL44XU	阪本 泰光	Crystal Structures of a Bacterial Dipeptidyl Peptidase IV Reveal a Novel Substrate Recognition Mechanism Distinct from that of Mammalian Orthologues
			2017A6721	BL44XU	阪本 泰光	
			2016A6620	BL44XU	阪本 泰光	
			2016B6620	BL44XU	阪本 泰光	
			2015A6521	BL44XU	阪本 泰光	
			2015B6521	BL44XU	阪本 泰光	
			2014A6924	BL44XU	阪本 泰光	
			2014B6924	BL44XU	阪本 泰光	
2013A6822	BL44XU	阪本 泰光				
2013B6822	BL44XU	阪本 泰光				
35738	Jai-Shin Liu	8 (2018) 2316	2016A4004	BL12B2	Wang Wen Ching	Structure-Guided Design of <i>Serratia marcescens</i> Short-Chain Dehydrogenase/Reductase for Stereoselective Synthesis of (<i>R</i>)-phenylephrine
35768	Masahiro Yoshida	6 (2016) 23611	2007B3502	BL11XU	石井 賢司	Observation of Momentum-Resolved Charge Fluctuations Proximate to the Charge-Order Phase using Resonant Inelastic X-ray Scattering
			2008A3502	BL11XU	石井 賢司	
			2008B3502	BL11XU	石井 賢司	
			2009A3502	BL11XU	石井 賢司	
			2009B3502	BL11XU	石井 賢司	
			2010A3502	BL11XU	石井 賢司	
2011A3502	BL11XU	石井 賢司				

Physical Review B

35201	W. B. Jiang	95 (2017) 024416	2015A4257	BL12XU	Chen Jin-Ming	Antiferromagnetism with Divalent Eu in EuNi ₂ Au ₃
			2015B4264	BL12XU	Chen Jin-Ming	
35314	Masaki Mito	97 (2018) 024408	2015B1018	BL25SU	井上 克也	Geometrical Protection of Topological Magnetic Solitons in Microprocessed Chiral Magnets
			2016A1029	BL25SU	美藤 正樹	
35333	Kodai Nagai	97 (2018) 035143	2016A3832	BL23SU	藤原 秀紀	Electronic Structure and Magnetic Properties of the Half-Metallic Ferromagnet Mn ₂ VAl Probed by Soft X-ray Spectroscopies
			2016B7512	BL07LSU	梅津 理恵	
35397	Hitoshi Yamaoka	97 (2018) 085106	2012A4265	BL12XU	辻井 直人	Reentrant Valence Transition in YbCu _{4.5} under Pressure
			2012B4256	BL12XU	辻井 直人	
			2015A4129	BL12B2	辻井 直人	
			2015A4258	BL12XU	辻井 直人	
			2015B4258	BL12XU	辻井 直人	
2015B4133	BL12B2	辻井 直人				
35421	Alexander Kolobov	95 (2017) 054114	2014B1257	BL01B1	Kolobov Alexander	Local Structure of the Crystalline and Amorphous States of Ga ₂ Te ₃ Phase-Change Alloy without Resonant Bonding: A Combined X-ray Absorption and <i>ab initio</i> Study
35443	Shinya Tsukada	97 (2018) 024116	2016A3620	BL14B1	塚田 真也	Raman Scattering Study of the Ferroelectric Phase Transition in BaTi ₂ O ₅
35536	Z. Yan	96 (2017) 054427	2014B1231	BL08W	Gillet Jean-Michel	Spin Density in YTiO ₃ : II. Momentum-Space Representation of Electron Spin Density Supported by Position-Space Results
35585	Jun Miyawaki	96 (2017) 214420	2015A7489	BL07LSU	宮脇 淳	Dzyaloshinskii-Moriya Interaction in α -Fe ₂ O ₃ Measured by Magnetic Circular Dichroism in Resonant Inelastic Soft X-ray Scattering
			2015B7497	BL07LSU	宮脇 淳	
35650	Takanori Hattori	97 (2018) 100101(F)	2007A3609	BL14B1	服部 高典	Is There a Pressure-Induced Discontinuous Volume Change in Liquid Cs?
			2007A3708	BL22XU	服部 高典	
35745	Takahiro Terao	97 (2018) 094505	2016B4126	BL12B2	久保園 芳博	Pressure Dependence of Superconductivity in Low- and High-T _c Phases of (NH ₄) ₃ Na ₂ FeSe
			2016B4131	BL12B2	久保園 芳博	
35746	Tong He	97 (2018) 104503	2017B4133	BL12B2	久保園 芳博	Pressure-Induced Superconductivity in Ag ₃ Bi ₂ Se ₃
			2017B4138	BL12B2	Chen Han-Yi	
			2015A0116	BL13XU	林 好一	
35800	Yasuhiro Nakatani	97 (2018) 115160	2013B3882	BL23SU	関山 明	Evidence for Momentum-Dependent Heavy-Fermionic Electronic Structures: Soft X-ray ARPES for the Superconductor CeNi ₂ Ge ₂ in the Normal State
			2014B3882	BL23SU	関山 明	

Japanese Journal of Applied 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
35264	Yuichi Akahama	57 (2018) 025601	2016A1152	BL10XU	赤浜 裕一	Coexistence of a Metastable Double hcp Phase in bcc-fcc Structure Transition of Te under High Pressure
			2016B1105	BL10XU	赤浜 裕一	
35307	Yasuo Nakayama	57 (2018) 03EE02	2016B1612	BL46XU	中山 泰生	Surface Crystallographic Structures of Cellulose Nanofiber Films and Overlayers of Pentacene
			2017A1570	BL46XU	中山 泰生	
35326	Hidetoshi Suzuki	56 (2017) 08MA06	2014B3511	BL11XU	大下 祥雄	Effect of Substrate Orientation on Strain Relaxation Mechanisms of InGaAs Layer Grown on Vicinal GaAs Substrates Measured by in situ X-ray Diffraction
35362	Keisuke Ide	56 (2017) 03BB03	2016B4702	BL15XU	神谷 利夫	Effects of Working Pressure and Annealing on Bulk Density and Nanopore Structures in Amorphous In-Ga-Zn-O Thin-Film Transistors
			2017A4703	BL15XU	神谷 利夫	
35452	Ichiro Hirokawa	57 (2018) 03EG12	2012A1748	BL46XU	小金澤 智之	Surface Morphology of Vacuum-Evaporated Pentacene Film on Si Substrate Studied by in situ Grazing-Incidence Small-Angle X-ray Scattering: I. The Initial Stage of Formation of Pentacene Film
			2013A1821	BL46XU	小金澤 智之	
35543	Kouta Takahashi	57 (2018) 04FJ02	2017A1731	BL47XU	高橋 恒太	Dopant Behavior in Heavily Doped Polycrystalline Ge _{1-x} Sn _x Layers Prepared with Pulsed Laser Annealing in Water
			2014A0109	BL47XU	宮崎 誠一	
			2016B1312	BL09XU	中塚 理	
35548	Takeshi Watanabe	57 (2018) 03EG14	2011A0036	BL19B2	吉本 則之	In situ Characterization of the Film Coverage and the Charge Transport in the Alkylated-Organic Thin Film Transistor
35552	Dinh Thanh Khan	56 (2017) 025502	2011A2073	BL13XU	今井 康彦	Study on the Influence of Different Trench-Patterned Templates on the Crystalline Microstructure of AlN Epitaxial Films by X-ray Microdiffraction
			2011B2095	BL13XU	今井 康彦	
			2012A1691	BL13XU	酒井 朗	
			2012B1786	BL13XU	酒井 朗	
35571	Shinji Saito	56 (2017) 021003	2005B0807	BL47XU	吉木 昌彦	Determination of Band Profiles in GaN Films using Hard X-ray Photoelectron Spectroscopy
35774	Jinhyeok Kim	57 (2018) 04FN10	2014B4905	BL15XU	水口 将輝	X-ray Magnetic Circular Dichroism and Hard X-ray Photoelectron Spectroscopy of Tetragonal Mn ₇₂ Ge ₂₈ Epitaxial Thin Film
			2015A4908	BL15XU	水口 将輝	
			2015B4909	BL15XU	水口 将輝	
			2016A4907	BL15XU	水口 将輝	
			2016B4909	BL15XU	水口 将輝	
			2017A4909	BL15XU	水口 将輝	

Journal of the American Chemical Society

35220	Hiroyuki Asakura	140 (2018) 176-184	2016B1405	BL01B1	朝倉 博行	Dynamic Behavior of Rh Species in Rh/Al ₂ O ₃ Model Catalyst during Three-Way Catalytic Reaction: An <i>Operando</i> X-ray Absorption Spectroscopy Study
			2016A1025	BL01B1	田中 庸裕	
			2016B1019	BL01B1	田中 庸裕	
			2016A1834	BL01B1	伊奈 稔哲	
			2016B1457	BL01B1	細川 三郎	
35255	Takashi Fujishiro	139 (2017) 18464-18467	2015B1027	BL26B1	藤城 貴史	Zinc-Ligand Swapping Mediated Complex Formation and Sulfur Transfer between SufS and SufU for Iron-Sulfur Cluster Biogenesis in <i>Bacillus subtilis</i>
			2016B2704	BL26B1	藤城 貴史	
35360	Masaya Matsuki	140 (2018) 291-297	2015A1143	BL40XU	山田 鉄兵	Nonpolar-to-Polar Phase Transition of a Chiral Ionic Plastic Crystal and Switch of the Rotation Symmetry
			2016A1051	BL40XU	山田 鉄兵	
35367	Susan Sen	139 (2017) 18313-18321	2016B1075	BL02B1	日下 心平	Cooperative Bond Scission in a Soft Porous Crystal Enables Discriminatory Gate Opening for Ethylene over Ethane
35380	Hsin-Yi Wang	138 (2016) 36-39	2016A4129	BL12B2	Chen Hao-Ming	In Operando Identification of Geometrical-Site-Dependent Water Oxidation Activity of Spinel Co ₃ O ₄
35382	Sheng-Chih Lin	139 (2017) 2224-2233	2017A4127	BL12B2	Chen Hao-Ming	Edgeless Ag-Pt Bimetallic Nanocages: In Situ Monitor Plasmon-Induced Suppression of Hydrogen Peroxide Formation
			2017A4132	BL12B2	Chen Hao-Ming	
35487	Hiroaki Nishino	139 (2017) 13761-13769	2015A0074	BL02B2	森吉 千佳子	Formation and Characterization of Hydrogen Boride Sheets Derived from MgB ₂ by Cation Exchange

The Journal of Physical Chemistry C-1

35368	Jun Maruyama	121 (2017) 24425-24433	2016B1548	BL14B2	丸山 純	Efficient Edge Plane Exposure in Graphitic Carbon Fiber for Enhanced Flow-Battery Reactions
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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
35384	Kotaro Higashi	121 (2017) 22164-22177	2015A7805	BL36XU	岩澤 康裕	The Relationship between the Active Pt Fraction in a PEFC Pt/C Catalyst and the ECSA and Mass Activity during Start-Up/Shut-Down Degradation by in Situ Time-Resolved XAFS Technique
			2015B7802	BL36XU	岩澤 康裕	
			2016A7805	BL36XU	岩澤 康裕	
			2015B7805	BL36XU	岩澤 康裕	
			2013A7802	BL36XU	岩澤 康裕	
			2013B7801	BL36XU	岩澤 康裕	
			2013B7802	BL36XU	岩澤 康裕	
			2013B7803	BL36XU	岩澤 康裕	
			2014A7802	BL36XU	岩澤 康裕	
			2014A7805	BL36XU	岩澤 康裕	
			2014B7801	BL36XU	岩澤 康裕	
			2014B7802	BL36XU	岩澤 康裕	
			2015A7802	BL36XU	岩澤 康裕	
			2015B7801	BL36XU	岩澤 康裕	
			2016A7801	BL36XU	岩澤 康裕	
2016A7802	BL36XU	岩澤 康裕				
2016B7801	BL36XU	岩澤 康裕				
2016B7802	BL36XU	岩澤 康裕				
2017A7801	BL36XU	岩澤 康裕				
2017A7802	BL36XU	岩澤 康裕				
2017A7808	BL36XU	岩澤 康裕				
35393	Alam S. M. Nur	122 (2018) 662-669	2017A1050	BL01B1	日隈 聡士	Phase-Dependent Formation of Coherent Interface Structure between PtO ₂ and TiO ₂ and Its Impact on Thermal Decomposition Behavior
35412	Akito Demizu	121 (2017) 19358-19364	2015B1754	BL28B2	別府 孝介	Oxygen Storage Property and Chemical Stability of SrFe _{1-x} Ti _x O _{3-δ} with Robust Perovskite Structure
			2016B1743	BL28B2	別府 孝介	
			2014B1371	BL01B1	細川 三郎	
			2016A1379	BL28B2	細川 三郎	
35481	Koji Kitada	121 (2017) 6018-6023	2013B7602	BL28XU	小久見 善八	Effect of Potential Profile on Battery Capacity Decrease during Continuous Cycling
			2014A7602	BL28XU	小久見 善八	
			2014B7602	BL28XU	小久見 善八	
			2015A7602	BL28XU	小久見 善八	
35668	Shohei Tada	122 (2018) 5430-5442	2017A1557	BL14B2	多田 昌平	Cu Species Incorporated into Amorphous ZrO ₂ with High Activity and Selectivity in CO ₂ -to-Methanol Hydrogenation

Journal of the Physical Society of Japan

35447	Kento Sugawara	86 (2017) 123302	2017A1659	BL02B1	菅原 健人	Investigation of Honeycomb Lattice Consisting of Cu ₂ (pymca) ₃ Moieties Using Synchrotron Radiation X-ray Structure Analysis
35448	Kento Sugawara	87 (2018) 024601	2015B1686	BL02B1	菅原 健人	Direct Visualization of Orbital Flipping in Volborthite by Charge Density Analysis Using Detwinned Data
			2015A1762	BL02B1	菅原 健人	
35486	Shintaro Yamamoto	87 (2018) 024708	2013A1700	BL47XU	吉田 鉄平	Observation of a Pseudogap in the Vicinity of the Metal-Insulator Transition in the Perovskite-type Vanadium Oxides Nd _{1-x} Sr _x VO ₃
			2013B1782	BL47XU	吉田 鉄平	
			2015A1602	BL47XU	吉田 鉄平	
35551	Kazuo Soda	87 (2018) 044701	2014A1160	BL47XU	曾田 一雄	Valence-Band Electronic Structures of High-Pressure-Phase PdF ₂ -type Platinum-Group Metal Dioxides MO ₂ (M = Ru, Rh, Ir, and Pt)
			2014B1112	BL47XU	曾田 一雄	
			2014B1113	BL25SU	曾田 一雄	
35626	Yuu Tsuchiya	86 (2017) 033705	2015B1301	BL10XU	小林 寿夫	Pressure-Induced Phase Transition in K _x Fe _{2-y} S ₂
35799	Amina A. Abozeed	87 (2018) 033710	2015A1533	BL19LXU	関山 明	Rare-Earth Fourth-Order Multipole Moment in Cubic ErCo ₂ Probed by Linear Dichroism in Core-Level Photoemission

Applied Physics Express-1

35331	Atsushi Sakaki	11 (2018) 031001	2007B1738	BL13XU	榑 篤史	Synchrotron Radiation Microbeam X-ray Diffraction for Nondestructive Assessments of Local Structural Properties of Faceted InGa _{1-x} N/GaN Quantum Wells
			2008A1679	BL13XU	榑 篤史	
			2008B1795	BL13XU	榑 篤史	
			2013A5080	BL16XU	榑 篤史	
			2013B5080	BL16XU	榑 篤史	
35422	Masatomo Sumiya	11 (2018) 021002	2017A4603	BL15XU	角谷 正友	Valence Band Edge Tail States and Band Gap Defect Levels of GaN Bulk and In _x Ga _{1-x} N Films Detected by Hard X-ray Photoemission and Photothermal Deflection Spectroscopy
			2010A4603	BL15XU	角谷 正友	
			2010B4606	BL15XU	角谷 正友	
35423	Xiaoxiao Sun	11 (2018) 021001	2010B4606	BL15XU	角谷 正友	Determination of the Transition Point from Electron Accumulation to Depletion at the Surface of In _x Ga _{1-x} N Films

Applied Physics Express-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
35465	Motohiro Suzuki	11 (2018) 036601	2015B0901	BL39XU	千葉 大地	Three-Dimensional Visualization of Magnetic Domain Structure with Strong Uniaxial Anisotropy via Scanning Hard X-ray Microtomography
35578	Takahiro Yamada	11 (2018) 015701	2016A3801	BL23SU	吉越 章隆	Control of Ga-Oxide Interlayer Growth and Ga Diffusion in SiO ₂ /GaN Stacks for High-Quality GaN-Based Metal-Oxide-Semiconductor Devices with Improved Gate Dielectric Reliability
			2016A3822	BL23SU	渡部 平司	
			2016B3801	BL23SU	吉越 章隆	
			2016B3833	BL23SU	渡部 平司	
			2017A3801	BL23SU	吉越 章隆	
			2017A3833	BL23SU	渡部 平司	

ECS Transactions

35338	Thomas Götsch	78 (2017) 1327-1341	2016A1042	BL37XU	Penner Simon	Iron Exsolution Phenomena in Lanthanum Strontium Ferrite SOFC Anodes
35389	Yusaku F. Nishimura	75 (2017) 147-156	2014B7024	BL33XU	香山 智之	Reduction Behavior of Ni in a Ni/YSZ Anode Revealed by Operando Fluorescence X-ray Absorption Spectroscopy
			2015A7024	BL33XU	香山 智之	
			2015B7024	BL33XU	香山 智之	
35468	Yoshinobu Fujimaki	78 (2017) 847-853	2015B1424	BL37XU	雨澤 浩史	Contribution of Triple-Phase Boundary Reaction in Cathodic Reaction of Solid Oxide Fuel Cell
			2016A1315	BL37XU	雨澤 浩史	
			2015A1527	BL37XU	雨澤 浩史	
			2014B1302	BL37XU	雨澤 浩史	
35469	Koji Amezawa	78 (2017) 965-970	2015B1424	BL37XU	雨澤 浩史	Mechanism of Chromium Poisoning in SOFC Cathode Investigated by Using Pattern Thin Film Model Electrode
			2016A1315	BL37XU	雨澤 浩史	
			2015A1527	BL37XU	雨澤 浩史	
35736	Shinichi Ike	75 (2016) 769-775	2015A1874	BL13XU	中塚 理	Analysis of Microscopic Strain and Crystalline Structure in Ge/Ge _{1-x} Sn _x Fine Structures by Using Synchrotron X-ray Microdiffraction
			2015B1813	BL13XU	中塚 理	
			2014A1728	BL13XU	中塚 理	
			2014B1818	BL13XU	中塚 理	

Inorganic Chemistry

35308	Hajime Yamamoto	56 (2017) 15171-15177	2013B3615	BL14B1	東 正樹	Electric-Field-Induced Reorientation of the Magnetic Easy Plane in a Co-Substituted BiFeO ₃ Single Crystal
			2014A3615	BL14B1	東 正樹	
			2015A3615	BL14B1	東 正樹	
35363	Teppei Yamada	55 (2016) 8267-8270	2015A1143	BL40XU	山田 鉄兵	High Proton Conductivity of Zinc Oxalate Coordination Polymers Mediated by a Hydrogen Bond with Pyridinium
			2016A1051	BL40XU	山田 鉄兵	
			2011B1450	BL02B2	山田 鉄兵	
35492	Yasuyo Ogino	56 (2017) 3909-3915	2014A0078	BL02B1	Iversen Bo	Solvent-Controlled Doublet Emission of an Organometallic Gold(I) Complex with a Polychlorinated Diphenyl(4-pyridyl)methyl Radical Ligand
			2015A1367	BL02B1	山野井 慶徳	
35575	Thammanoon Chuasaard	57 (2018) 2620-2630	2017A1037	BL02B1	今野 巧	Lanthanide Coordination Polymers of Mixed Phthalate/Adipate for Ratiometric Temperature Sensing in the Upper-Intermediate Temperature Range
35629	Lei Zhang	57 (2018) 2773-2781	2017B4606	BL15XU	Gerlach Dominic	Mn Self-Doping of Orthorhombic RMnO ₃ Perovskites: (R _{0.667} Mn _{0.333})MnO ₃ with R = Er-Lu

Nature Communications

35344	Kouhei Matsuura	8 (2017) 1143	2016A3781	BL22XU	芝内 孝禎	Maximizing T _c by Tuning Nematicity and Magnetism in FeSe _{1-x} S _x Superconductors
			2015A3701	BL22XU	綿貫 徹	
			2015A3783	BL22XU	芝内 孝禎	
			2015B3701	BL22XU	綿貫 徹	
			2016A3751	BL22XU	綿貫 徹	
35438	Quan Zhang	9 (2018) 510	2015A1586	BL02B2	草田 康平	Selective Control of fcc and hcp Crystal Structures in Au-Ru Solid-Solution Alloy Nanoparticles
			2016A1483	BL02B2	草田 康平	
			2014B1382	BL02B2	北川 宏	
			2016A6500	BL44XU	山下 栄樹	
35560	Ryo Yonehara	8 (2017) 1625	2016B6500	BL44XU	山下 栄樹	Structural Basis for the Assembly of the Regulator-Rag GTPase Complex
			2015A6500	BL44XU	山下 栄樹	
			2015B6500	BL44XU	山下 栄樹	
35686	Tomio S. Takahashi	9 (2018) 170	2016A2567	BL41XU	深井 周也	Structural Insights into Two Distinct Binding Modules for Lys63-linked Polyubiquitin Chains in RNF168
35687	Sakurako Goto-Ito	9 (2018) 269	2016A2556	BL41XU	深井 周也	Structural Basis of Trans-Synaptic Interactions between PTPδ and SALMs for Inducing Synapse Formation
			2017A2582	BL41XU	深井 周也	

Applied Physics Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35269	Hideki Matsui	112 (2018) 031601	2015A1176	BL37XU	中村 芳明	Resistive Switching Characteristics of Isolated Core-Shell Iron Oxide/Germanium Nanocrystals Epitaxially Grown on Si Substrates
35446	Zewen Xiao	109 (2016) 242105	2013A4712	BL15XU	大橋 直樹	Amorphous Pnictide Semiconductor BaZn ₂ As ₂ Exhibiting High Hole Mobility
			2013B4704	BL15XU	神谷 利夫	
35554	Akitaka Yoshigoe	112 (2018) 021603	2015A1863	BL17SU	吉越 章隆	Nanoscale Spatial Analysis of Clay Minerals Containing Cesium by Synchrotron Radiation Photoemission Electron Microscopy
			2017B3801	BL23SU	吉越 章隆	
35764	Yoshiki Kohmura	112 (2018) 123103	2014B8024	BL3	香村 芳樹	Nano-Structuring of Multi-Layer Material by Single X-ray Vortex Pulse with Femtosecond Duration
			2013A1413	BL40XU	香村 芳樹	
			2014B1836	BL20XU	香村 芳樹	
			理研	BL29XU		

Chemical Communications

35488	Takamasa Tsukamoto	53 (2017) 9805-9808	2015A0074	BL02B2	森吉 千佳子	Mechano-, Thermo-, Solvato-, and Vapochromism in Bis(acetato-κ ¹ O)[4'-(4-(diphenylamino)phenyl)](2,2':6',2''-terpyridine-κ ³ N,N',N'')zinc(II) and Its Polymer
35490	Mizuho Tsuchiya	53 (2017) 7509-7512	2014A0078	BL02B1	Iversen Bo	β-IminoBODIPY Oligomers: Facilely Accessible π-Conjugated Luminescent BODIPY Arrays
35491	Takamasa Tsukamoto	53 (2017) 3657-3660	2015A0074	BL02B2	森吉 千佳子	A Simple Zinc(II) Complex that Features Multi-Functional Luminochromism Induced by Reversible Ligand Dissociation
35556	Sae Nakajima	54 (2018) 2534-2537	2015A0074	BL02B2	森吉 千佳子	A Fluorescent Microporous Crystalline Dendrimer Discriminates Vapour Molecules
			2014A0078	BL02B1	Iversen Bo	

Dalton Transactions

35202	Jenn-Min Lee	46 (2017) 11664-11668	2016A4257	BL12XU	Chen Jin-Ming	The Fluctuating Population of Sm 4f Configurations in Topological Kondo Insulator SmB ₆ Explored with High-Resolution X-ray Absorption and Emission Spectra
35309	Masaki Azuma	47 (2018) 1371-1377	2015A4909	BL15XU	東 正樹	Systematic Charge Distribution Changes in Bi- and Pb-3d Transition Metal Perovskites
			2015B4905	BL15XU	東 正樹	
			2016A4908	BL15XU	東 正樹	
			2016B1855	BL46XU	東 正樹	
			2017A1242	BL09XU	東 正樹	
35495	Naoyuki Ooya	47 (2018) 2497-2500	2017A1037	BL02B1	今野 巧	A Stable Thiolato-Cu ^I -Thiolato Triple Linkage that Bridges Two Cobalt(III) Centres
35497	Megumi Okazaki	46 (2017) 16959-16966	2011B1032	BL37XU	内本 喜晴	Effects of the SrTiO ₃ Support on Visible-Light Water Oxidation with Co ₃ O ₄ Nanoparticles

Langmuir

35409	Hiroyuki Tatsumi	33 (2017) 13929-13935	2015A1764	BL01B1	巽 浩之	Enhancement of CO Evolution by Modification of Ga ₂ O ₃ with Rare-Earth Elements for the Photocatalytic Conversion of CO ₂ by H ₂ O
35461	Yusuke Sanada	32 (2016) 3760-3765	2014B1115	BL40B2	櫻井 和朗	Polypod-Shaped DNAs: Small-Angle X-ray Scattering and Immunostimulatory Activity
35535	Manami Ichikawa	32 (2016) 9722-9726	2014B1287	BL02B2	加納 博文	Double-Step Gate Phenomenon in CO ₂ Sorption of an Elastic Layer-Structured MOF
35811	Keisuke Shimokita	34 (2018) 2856-2864	2016A7214	BL03XU	宮崎 司	Effect of Preferential Orientation of Lamellae in the Interfacial Region between a Block Copolymer-Based Pressure-Sensitive Adhesive and a Solid Substrate on the Peel Strength
			2016B7264	BL03XU	宮崎 司	

RSC Advances

35335	Thomas Götsch	8 (2018) 3120-3131	2016A1042	BL37XU	Penner Simon	Structural Investigations of La _{0.6} Sr _{0.4} FeO _{3-δ} under Reducing Conditions: Kinetic and Thermodynamic Limitations for Phase Transformations and Iron Exsolution Phenomena
35505	Yuko Ikeda	7 (2017) 5222-5231	2014B1441	BL40XU	池田 裕子	Reinforcing Biofiller "Lignin" for High Performance Green Natural Rubber Nanocomposites
35590	Bao Luan	6 (2016) 23550-23563	2014B1250	BL20B2	Streltsov Victor	A Library of AuNPs Modified by RAFT Polymers of Different Charge and Chain Length: High Throughput Synthesis and Synchrotron XFM Imaging using a Zebrafish Larvae Model
35675	Guodong Ding	7 (2017) 13749-13753	2016B1875	BL46XU	尾坂 格	Inside-Fused Peryleneimide Dimers with Planar Structures for High-Performance Fullerene-Free Organic Solar Cells

ACS Catalysis

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
35431	Setsiri Haesuwannakij	7 (2017) 2998-3003	2015A1134	BL01B1	櫻井 英博	Partially Fluoride-Substituted Hydroxyapatite as a Suitable Support for the Gold-Catalyzed Homocoupling of Phenylboronic Acid: An Example of Interface Modification
35549	Kazuhide Kamiya	8 (2018) 2693-2698	2016B1098	BL01B1	神谷 和秀	Selective Reduction of Nitrate by a Local Cell Catalyst Composed of Metal-Doped Covalent Triazine Frameworks
			2016B1696	BL01B1	岩瀬 和至	
			2017A1790	BL14B2	岩瀬 和至	
			2017B1171	BL01B1	神谷 和秀	
			2016A1120	BL01B1	神谷 和秀	
35665	Ivo F. Teixeira	8 (2018) 1843-1850	2017B1099	BL02B2	Lo Benedict	Direct Catalytic Conversion of Biomass-Derived Furan and Ethanol to Ethylbenzene

ACS Omega

35256	Shun Kobayashi	3 (2018) 154-158	2016A1184	BL13XU	犬飼 潤治	Atomically Flat Pt Skin and Striking Enrichment of Co in Underlying Alloy at Pt ₃ Co(111) Single Crystal with Unprecedented Activity for the Oxygen Reduction Reaction
			2016B1551	BL19B2	犬飼 潤治	
35361	Kotohiro Nomura	2 (2017) 8660-8673	2017A1512	BL01B1	野村 琴広	Synthesis and Structural Analysis of (Imido)vanadium Dichloride Complexes Containing 2-(2'-benz-imidazolyl)pyridine Ligands: Effect of Al Cocatalyst for Efficient Ethylene (Co)polymerization
			2016B1509	BL01B1	野村 琴広	
			2016A1455	BL01B1	野村 琴広	
35566	Yueh-Te Chan	2 (2017) 930-936	2014B4014	BL12B2	Wang Andrew	Crystal Structure and Potential Head-to-Middle Condensation Function of a Z,Z-Farnesyl Diphosphate Synthase
			2014B4001	BL12B2	Wang Andrew	
			2015A4009	BL12B2	Wang Andrew	
			2015B4005	BL12B2	Wang Andrew	

Acta Crystallographica Section F

35353	Saori Roppongi	73 (2017) 601-606	2013A6822	BL44XU	阪本 泰光	Periplasmic Form of Dipeptidyl Aminopeptidase IV from <i>Pseudoxanthomonas mexicana</i> WO24: Purification, Kinetic Characterization, Crystallization and X-ray Crystallographic Analysis
			2014A6924	BL44XU	阪本 泰光	
			2014B6924	BL44XU	阪本 泰光	
			2015A6521	BL44XU	阪本 泰光	
			2015B6521	BL44XU	阪本 泰光	
			2016A6620	BL44XU	阪本 泰光	
			2016B6620	BL44XU	阪本 泰光	
35589	Shun Nakamura	74 (2018) 150-155	2016A2697	BL41XU	中村 駿	Enhancement of the Thermostability of Mouse Claudin-3 on Complex Formation with the Carboxyl-Terminal Region of <i>Clostridium perfringens</i> Enterotoxin Improves Crystal Quality
			2016B2721	BL41XU	入江 克雅	
			2015A1090	BL41XU	入江 克雅	
			2015B1042	BL41XU	入江 克雅	
35663	Yota Fukuda	73 (2017) 159-166	2016B6644	BL44XU	溝端 栄一	New Molecular Packing in a Crystal of Pseudoazurin from <i>Alcaligenes faecalis</i> : a Double-Helical Arrangement of Blue Copper

AIP Advances

35265	Manato Fujimoto	8 (2018) 015310	2016B1105	BL10XU	赤浜 裕一	Observation of the Negative Pressure Derivative of the Bulk Modulus in Monoclinic ZrO ₂
			2017A1088	BL10XU	赤浜 裕一	
			2017B1123	BL10XU	赤浜 裕一	
35428	Satoshi Iikubo	8 (2018) 015008	2016B1322	BL04B1	飯久保 智	Novel Stable Structure of Li ₃ PS ₄ Predicted by Evolutionary Algorithm under High-Pressure
			2017A1273	BL04B1	飯久保 智	
35454	Akinobu Yamaguchi	8 (2018) 056411	2013B1735	BL25SU	山口 明啓	Ferromagnetic Resonance of Ni Wires Fabricated on Ferroelectric LiNbO ₃ Substrate for Studying Magnetic Anisotropy Induced by the Heterojunction
			2014B1398	BL25SU	山口 明啓	
			2016A1252	BL17SU	山口 明啓	
			2016B1305	BL17SU	山口 明啓	

Chemistry - A European Journal

35214	Yuko Suzuki	24 (2018) 364-368	2015B1074	BL40XU	笹森 貴裕	A Redox-Active Bis(ferrocenyl)germylene and its Reactivity
			2016B1705	BL40XU	鈴木 裕子	
			2017A1647	BL40XU	鈴木 裕子	
			2017A1668	BL40XU	行本 万里子	
35411	Atsuko Kuno	23 (2017) 11357-11365	2017A1676	BL02B1	笹野 力史	Conjunction of Pyrrole and Amide Moieties: Highly Anion-Responsive π-Electronic Molecules Forming Ion-Free and Ion-Pairing Assemblies
			2017A1322	BL40XU	前田 大光	
			2015A0114	BL40XU	高谷 光	
35622	Tokutaro Komatsu	23 (2017) 57-60	2014B1393	BL02B2	小林 浩和	First-Principles Calculation, Synthesis, and Catalytic Properties of Rh-Cu Alloy Nanoparticles
			2015A1619	BL02B2	小林 浩和	

Chemistry Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35200	Kakuya Ueda	46 (2017) 1390-1392	2016B1714	BL01B1	植田 格弥	In Situ XAFS Study of Dynamic Behavior of Cu Species in MFZ-Zeolite under Element Gases of Ammonia Selective Catalytic Reduction
35358	Tomoya Shimono	47 (2018) 261-264	2015A1143	BL40XU	山田 鉄兵	Selective Ionic Conduction in Choline Iodide/Triiodide Solid Electrolyte and Its Application to Thermocells
			2016A1051	BL40XU	山田 鉄兵	
35681	Takeshi Shimizu	47 (2018) 378-381	2017B3634	BL14B1	吉川 浩史	Rechargeable Batteries Based on Stable Redox Reactions of Disulfide Included in a Metal-Organic Framework as Ligands
			2017A3634	BL14B1	吉川 浩史	

Journal of Applied Physics

35213	Kazuki Shida	123 (2018) 161563	2016B1156	BL13XU	竹内 正太郎	Microstructural Analysis in the Depth Direction of a Heteroepitaxial AlN Thick Film Grown on a Trench-Patterned Template by Nanobeam X-ray Diffraction
			2016A1238	BL13XU	竹内 正太郎	
			2015B2004	BL13XU	今井 康彦	
			2015A2060	BL13XU	今井 康彦	
			2014B2060	BL13XU	今井 康彦	
35263	Momoko Oura	123 (2018) 033907	2014B4259	BL12XU	小林 寿夫	⁵⁷ Fe Mössbauer and Co K β X-ray Emission Spectroscopic Investigations of La-Co and La Substituted Strontium Hexaferrite
			2015B4261	BL12XU	小林 寿夫	
35674	Masataka Imura	121 (2017) 095703	2009B4606	BL15XU	井村 将隆	Surface and Bulk Electronic Structures of Heavily Mg-doped InN Epilayer by Hard X-ray Photoelectron Spectroscopy
			2010A4607	BL15XU	井村 将隆	
			2010B4603	BL15XU	井村 将隆	
			2011A4612	BL15XU	長田 貴弘	
			2011B4602	BL15XU	井村 将隆	
			2012A4608	BL15XU	井村 将隆	
			2012B4601	BL15XU	山下 良之	

Journal of Electron Spectroscopy and Related Phenomena

35216	Takuya Masuda	221 (2017) 88-98	2013B4601	BL15XU	増田 卓也	In situ Determination of Electronic Structure at Solid/Liquid Interfaces
			2012B4605	BL15XU	増田 卓也	
			2012A4611	BL15XU	増田 卓也	
			2011B4609	BL15XU	増田 卓也	
35676	Katsuya Ichiki	220 (2017) 28-32	2015A4800	BL15XU	佐藤 仁	Valence Transition in Polycrystalline Eu(Rh _{1-x} Co _x) ₂ Si ₂ Studied by Hard X-ray Photoemission Spectroscopy
			2015A4906	BL15XU	三村 功次郎	
			2015B4801	BL15XU	佐藤 仁	
			2015B4908	BL15XU	三村 功次郎	
35684	Hitoshi Sato	220 (2017) 33-36	2013A4801	BL15XU	佐藤 仁	Different Valence States of Tm in YB ₆ and YbB ₆
			2013A4802	BL15XU	佐藤 仁	
			2013B4800	BL15XU	佐藤 仁	
			2013B4904	BL15XU	三村 功次郎	
			2014A4800	BL15XU	佐藤 仁	
			2014A4901	BL15XU	三村 功次郎	
			2016A4802	BL15XU	佐藤 仁	
			2016A4906	BL15XU	三村 功次郎	
			2013B4261	BL12XU	佐藤 仁	

Journal of Physics: Conference Series

35267	Yoshio Suzuki	849 (2017) 012041	2013B1255	BL20XU	鈴木 芳生	Super-Resolution X-ray Imaging using Interaction between Periodic Structure of Object and Standing Wave Generated with Total-Reflection-Mirror Interferometer
35513	Hirokazu Kadobayashi	950 (2017) 042044	2012A1151	BL10XU	平井 寿子	Transition Mechanism of sH to Filled-Ice Ih Structure of Methane Hydrate under Fixed Pressure Condition
			2010A1091	BL10XU	平井 寿子	
			2014B1044	BL10XU	平井 寿子	
35519	Kouhei Nagasaka	871 (2017) 012007	2016B1078	BL02B2	水口 佳一	Synchrotron Powder X-ray Diffraction and Structural Analysis of Eu _{0.5} La _{0.5} FBI _{2-x} Se _x

Journal of Synchrotron Radiation-1

35237	Shigeki Owada	25 (2018) 68-71	2017A8087	BL1	中嶋 享	Single-Shot Arrival Timing Diagnostics for a Soft X-ray Free-Electron Laser Beamline at SACLA
35544	Kyo Nakajima	25 (2018) 592-603	2015A8069	BL3	城地 保昌	Software for the Data Analysis of the Arrival-Timing Monitor at SACLA
			2015B8066	BL3	城地 保昌	
			2016A8068	BL3	城地 保昌	
			2016B8087	BL2 / BL3	城地 保昌	

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
35546	Ichiro Inoue	25 (2018) 346-353	2016B8014	BL3	井上 伊知郎	An X-ray Harmonic Separator for Next-Generation Synchrotron X-ray Sources and X-ray Free-Electron Lasers
			2017A8008	BL3	井上 伊知郎	
			2017B8006	BL3	井上 伊知郎	

Physical Chemistry Chemical Physics

35410	Kousuke Beppu	19 (2017) 14107-14113	2015B1754	BL28B2	別府 孝介	Enhanced Oxygen-Release/Storage Properties of Pd-Loaded Sr ₃ Fe ₂ O _{7-δ}
			2016B1743	BL28B2	別府 孝介	
			2015B1405	BL01B1	細川 三郎	
			2016A1379	BL28B2	細川 三郎	
35771	Kazuhito Tomita	20 (2018) First published on 08 Mar 2018	2013A1099	BL40B2	栗原 和枝	X-Ray Diffraction and Resonance Shear Measurement of Nano-Confined Ionic Liquids
			2013B1321	BL40B2	栗原 和枝	
			2014A1674	BL40B2	富田 和仁	
			2014B1034	BL40B2	栗原 和枝	
35778	Liwei Yu	19 (2017) 30798-30803	2014B7810	BL36XU	横山 利彦	Non-contact Electric Potential Measurements of Electrode Components in an Operating Polymer Electrolyte Fuel Cell by Near Ambient Pressure XPS
			2014B7811	BL36XU	横山 利彦	
			2015A7810	BL36XU	横山 利彦	
			2015B7810	BL36XU	横山 利彦	
			2016A7810	BL36XU	横山 利彦	
			2016A7811	BL36XU	横山 利彦	
			2016B7810	BL36XU	横山 利彦	
2016B7811	BL36XU	横山 利彦				

Physical Review C

35677	Hideki Kohri	97 (2018) 015205	2015B6001	BL33LEP	堀田 智明	Differential Cross Section and Photon-Beam Asymmetry for the $\gamma p \rightarrow \pi^+ n$ Reaction at forward π^+ Angles at $E_\gamma = 1.5-2.95$ GeV
			2016A6001	BL33LEP	堀田 智明	
			2016B6001	BL33LEP	堀田 智明	
			2017A6001	BL33LEP	堀田 智明	
			2011B6001	BL33LEP	堀田 智明	
			2012A6001	BL33LEP	堀田 智明	
			2012B6001	BL33LEP	堀田 智明	
			2013A6001	BL33LEP	堀田 智明	
			2013B6001	BL33LEP	堀田 智明	
			2014A6001	BL33LEP	堀田 智明	
35678	Shiuan-Hai Shiu	97 (2018) 015208	2015B6001	BL33LEP	堀田 智明	Photoproduction of Λ and Σ^0 Hyperons off Protons with Linearly Polarized Photons at $E_\gamma = 1.5-3.0$ GeV
			2016A6001	BL33LEP	堀田 智明	
			2016B6001	BL33LEP	堀田 智明	
			2017A6001	BL33LEP	堀田 智明	
			2011B6001	BL33LEP	堀田 智明	
			2012A6001	BL33LEP	堀田 智明	
			2012B6001	BL33LEP	堀田 智明	
			2013A6001	BL33LEP	堀田 智明	
			2013B6001	BL33LEP	堀田 智明	
			2014A6001	BL33LEP	堀田 智明	
35679	Keigo Mizutani	96 (2017) 062201(R)	2015B6001	BL33LEP	堀田 智明	ϕ Photoproduction on the Proton at $E_\gamma = 1.5-2.9$ GeV
			2016A6001	BL33LEP	堀田 智明	
			2016B6001	BL33LEP	堀田 智明	
			2017A6001	BL33LEP	堀田 智明	
			2015A6001	BL33LEP	堀田 智明	

Physics of the Earth and Planetary Interiors

35429	Tomoaki Kubo	272 (2017) 50-57	2014B1546	BL04B1	久保 友明	Formation of a Metastable Hollandite Phase from Amorphous Plagioclase: A Possible Origin of Lingunite in Shocked Chondritic Meteorites
			2015A1633	BL04B1	久保 友明	
35449	Steeve Gréaux	274 (2018) 184-194	2014B1363	BL10XU	西 真之	High-Pressure Phase Relation of KREEP Basalts: A Clue for Finding the Lost Hadean Crust?
35625	Konstantin Litasov	265 (2017) 82-91	2010B1308	BL04B1	Shatskiy Anton	P-V-T Equation of State of CaCO ₃ Aragonite to 29 GPa and 1673 K: <i>In situ</i> X-ray Diffraction Study
			2014B1388	BL04B1	Litasov Konstantin	

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
35206	Akiyuki Ryoki	137 (2018) 13-21	2013B1647	BL40B2	近藤 優壮	Linear and Cyclic Amylose Derivatives Having Brush Like Side Groups in Solution: Amylose Tris(<i>n</i> -octadecylcarbamate)s
			2014B1087	BL40B2	寺尾 憲	
			2014B1715	BL40B2	高橋 倫太郎	
			2015A1179	BL40B2	寺尾 憲	
			2015B1100	BL40B2	寺尾 憲	
			2015B1674	BL40B2	高橋 倫太郎	
			2016A1053	BL40B2	寺尾 憲	
2016B1088	BL40B2	寺尾 憲				
35441	Takuya Matsumoto	137 (2018) 63-71	2011B3255	BL24XU	西野 孝	Adhesive Interphase Analyses of <i>Isotactic</i> Polypropylene and Cyanoacrylate with Cobalt Complex Primers
			2012A4803	BL15XU	松井 純爾	
			2012B4803	BL15XU	松井 純爾	
35672	Noboru Osaka	141 (2018) 132-142	2016A1045	BL40B2	大坂 昇	Simultaneous Stiffening, Strengthening and Toughening of Poly(vinylidene fluoride)/Propylene Carbonate Gels by Thermal Annealing Near Peak Melting Temperature

Structure

35350	Ryoji Suno	26 (2018) 7-19	2013B1092	BL32XU	浅田 秀基	Crystal Structures of Human Orexin 2 Receptor Bound to the Subtype-Selective Antagonist EMPA
			2014B1355	BL32XU	浅田 秀基	
			2015A1044	BL32XU	浅田 秀基	
			2013A1379	BL32XU	島村 達郎	
			2013B1184	BL32XU	島村 達郎	
			2014A1301	BL32XU	島村 達郎	
			2014B1273	BL32XU	島村 達郎	
			2015A1080	BL32XU	島村 達郎	
			2013A8040	BL3	島村 達郎	
			2013B8044	BL3	島村 達郎	
			2014A8031	BL3	島村 達郎	
2015A8031	BL3	Weik Martin				
35562	Takao Arimori	25 (2017) 1611-1622	2013A6500	BL44XU	山下 栄樹	Fv-clasp: An Artificially Designed Small Antibody Fragment with Improved Production Compatibility, Stability, and Crystallizability
			2013B6500	BL44XU	山下 栄樹	
			2014A6500	BL44XU	山下 栄樹	
			2014B6500	BL44XU	山下 栄樹	
			2015A6500	BL44XU	山下 栄樹	
			2015B6500	BL44XU	山下 栄樹	
			2016A6500	BL44XU	山下 栄樹	
			2016B6500	BL44XU	山下 栄樹	
2017A6500	BL44XU	山下 栄樹				
35748	Seiji Kojima	26 (2018) 590-598	2011A1240	BL41XU	今田 勝巳	The Helix Rearrangement in the Periplasmic Domain of the Flagellar Stator B Subunit Activates Peptidoglycan Binding and Ion Influx
			2010B1901	BL41XU	今田 勝巳	

Accounts of Chemical Research

35199	An-Pang Tsai	50 (2017) 2879-2885	2016B4907	BL15XU	亀岡 聡	Intermetallic: A Pseudoelement for Catalysis
			2017A4908	BL15XU	小廣 和哉	
			2016A4905	BL15XU	小廣 和哉	
			2015B4900	BL15XU	亀岡 聡	
35777	Yasumasa Takagi	51 (2018) 719-727	2014A7810	BL36XU	横山 利彦	Ambient Pressure Hard X-ray Photoelectron Spectroscopy for Functional Material Systems as Fuel Cells under Working Conditions
			2014A7811	BL36XU	横山 利彦	
			2014B7810	BL36XU	横山 利彦	
			2014B7811	BL36XU	横山 利彦	
			2015A7810	BL36XU	横山 利彦	
			2015B7810	BL36XU	横山 利彦	
			2016A7810	BL36XU	横山 利彦	
			2016A7811	BL36XU	横山 利彦	
			2016B7810	BL36XU	横山 利彦	
			2016B7811	BL36XU	横山 利彦	
			2017A7810	BL36XU	横山 利彦	
2017A7811	BL36XU	横山 利彦				

ACS Applied Energy 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
35273	Koki Urita	1 (2018) 807-813	2014A1274	BL02B2	藤森 利彦	Direct Observation of Electrochemical Lithium-Sulfur Reaction inside Carbon Nanotubes
			2014B1491	BL02B2	藤森 利彦	
35392	Alam S. M. Nur	1 (2018) 744-750	2017A1050	BL01B1	日隈 聡士	Platinum Supported on Ta ₂ O ₅ as a Stable SO ₃ Decomposition Catalyst for Solar Thermochemical Water Splitting Cycles

ACS Applied Materials & Interfaces

35381	Hsin-Yi Wang	8 (2016) 29186-29193	2016B4129	BL12B2	Chen Hao-Ming	Modulation of Crystal Surface and Lattice by Doping: Achieving Ultrafast Metal-Ion Insertion in Anatase TiO ₂
35394	Kanji Saito	9 (2017) 24538-24544	2016B1950	BL10XU	尾原 幸治	Room-Temperature Rutile TiO ₂ Nanoparticle Formation on Protonated Layered Titanate for High-Performance Heterojunction Creation

Acta Materialia

35330	Shinya Hosokawa	146 (2018) 273-279	2015A1221	BL35XU	細川 伸也	Phonon Excitations in a Single Crystal Mg ₈₅ Zn ₆ Y ₉ with a Synchronized Long-Period Stacking Ordered Phase
			2015B1161	BL35XU	細川 伸也	
			2016A1187	BL35XU	細川 伸也	
			2016B1162	BL35XU	細川 伸也	
35440	Azatuhi Ayrikyan	148 (2018) 432-441	2015A4701	BL15XU	安井 伸太郎	Investigation of Residual Stress in Lead-Free BNT-Based Ceramic/Ceramic Composites
			2016A4701	BL15XU	安井 伸太郎	

Advanced Materials

35555	Koichiro Suekuni	30 (2018) 1706230	2015A0074	BL02B2	森吉 千佳子	Retreat from Stress: Rattling in a Planar Coordination
35812	Yang Wang	30 (2018) 1707164	2017A1002	BL45XU	松本 英俊	High-Performance n-Channel Organic Transistors Using High-Molecular-Weight Electron-Deficient Copolymers and Amine-Tailed Self-Assembled Monolayers

Applied Surface Science

35364	Ya Xu	391 (2017) 18-23	2015A3873	BL23SU	許 垂	Initial Oxidation Behavior of Ni ₃ Al (210) Surface Induced by Supersonic Oxygen Molecular Beam at Room Temperature
			2015B3873	BL23SU	許 垂	
35624	Toshio Takahashi	432 (2018) 147-151	2014B1551	BL13XU	白澤 徹郎	Evidence for a Gold Trimer on the Si(111)-√21 × √21-(Ag + Au) Surface

Bulletin of the Chemical Society of Japan

35498	Koki Ishimaki	91 (2018) 486-491	2017B1040	BL01B1	今井 英人	Influence of TiO ₂ Support on Activity of Co ₃ O ₄ /TiO ₂ Photocatalysts for Visible-Light Water Oxidation
			2017B1438	BL01B1	山本 健太郎	
35701	Tomiko M. Suzuki	91 (2018) 778-786	2016B7032	BL33XU	野中 敬正	Highly Enhanced Electrochemical Water Oxidation Reaction over Hyperfine β-FeOOH(Cl):Ni Nanorod Electrode by Modification with Amorphous Ni(OH) ₂
			2017A7034	BL33XU	野中 敬正	
			2016A5070	BL16XU	小坂 悟	
			2017A5070	BL16XU	小坂 悟	

Cell Chemical Biology

35365	Takahiro Mori	23 (2016) 1468-1479	2014B1200	BL41XU	阿部 郁朗	Structural Insight into the Enzymatic Formation of Bacterial Stilbene
			2015A1031	BL41XU	阿部 郁朗	
35583	Hajime Shinoda	25 (2018) 330-338	2016A6627	BL44XU	中島 良介	Acid-Tolerant Monomeric GFP from <i>Olindias formosa</i>
			2016B6627	BL44XU	中島 良介	

Chemistry of Materials

35387	Naoki Morimoto	29 (2017) 2150-2156	2015B1061	BL02B2	仁科 勇太	Real-Time, in Situ Monitoring of the Oxidation of Graphite: Lessons Learned
35522	Yukinori Koyama	29 (2017) 2855-2863	2012B7601	BL28XU	小久見 善八	Hidden Two-Step Phase Transition and Competing Reaction Pathways in LiFePO ₄
			2013A7601	BL28XU	小久見 善八	
			2013B7601	BL28XU	小久見 善八	

ECS Journal of Solid State Science and Technology

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
35354	Naoto Watanabe	6 (2017) P410-P414	2016B4702	BL15XU	神谷 利夫	Amorphous Gallium Oxide as an Improved Host for Inorganic Light-Emitting Thin Film Semiconductor Fabricated at Room Temperature on Glass
			2016A4703	BL15XU	神谷 利夫	
35356	Haochun Tang	6 (2017) P365-P372	2016B4702	BL15XU	神谷 利夫	Multiple Roles of Hydrogen Treatments in Amorphous In-Ga-Zn-O Films
			2016A4703	BL15XU	神谷 利夫	
			2014B4702	BL15XU	神谷 利夫	
			2015A4704	BL15XU	神谷 利夫	

FEBS Letters

35334	Katsumasa Irie	592 (2018) 274-283	2011B1240	BL41XU	入江 克雅	Optimized Expression and Purification of NavAb Provide the Structural Insight into the Voltage Dependence
			2012B1066	BL41XU	入江 克雅	
			2012B1966	BL41XU	入江 克雅	
			2013A1112	BL41XU	入江 克雅	
			2013B1178	BL41XU	入江 克雅	
			2014A1248	BL41XU	入江 克雅	
			2014B1165	BL41XU	入江 克雅	
			2015A1090	BL32XU	入江 克雅	
35347	Yota Fukuda	591 (2017) 2458-2469	2017A6745	BL44XU	福田 庸太	Structural Insights into a Secretory Abundant Heat-Soluble Protein from an Anhydrobiotic Tardigrade, <i>Ramazzottius varieornatus</i>
			2017A6754	BL44XU	溝端 栄一	

Hyperfine Interactions

35327	Ryo Masuda	239 (2018) 11	2017A1862	BL09XU	依田 芳卓	⁶¹ Ni Synchrotron-Radiation-Based Mössbauer Absorption Spectroscopy of Ni Nanoparticle Composites
			2015B3512	BL11XU	増田 亮	
			2016A3568	BL11XU	増田 亮	
			2017A3581	BL11XU	瀬戸 誠	
35328	Makoto Seto	238 (2017) 78	2009A0086	BL09XU	瀬戸 誠	Evolution of Synchrotron-Radiation-Based Mössbauer Absorption Spectroscopy for Various Isotopes
			2017A3581	BL11XU	瀬戸 誠	

IUCrJ

35329	Akitoshi Nakano	5 (2018) 158-165	2016A3782	BL22XU	澤 博	Pressure-Induced Coherent Sliding-Layer Transition in the Excitonic Insulator Ta ₂ NiSe ₅
			2015A1528	BL02B1	澤 博	
35357	Thomas P. Halsted	5 (2018) 22-31	2016A8050	BL3	吾郷 日出夫	An Unprecedented Dioxigen Species Revealed by Serial Femtosecond Rotation Crystallography in Copper Nitrite Reductase
			2016B2555	BL32XU	當舎 武彦	

Journal of Crystal Growth

35341	Taizo Kawauchi	483 (2018) 52-56	2013B1250	BL09XU	福谷 克之	Ice Crystal Growth under the Presence of Krypton and Methane at Low Temperature
			2014B1039	BL09XU	福谷 克之	
35484	Ryoken Fuji	468 (2017) 862-865	2016A1773	BL14B2	児島 貴徳	Surface Morphology and Optical Properties of Eu ³⁺ Ions Incorporated into N-polar GaN Grown by Organometallic Vapor Phase Epitaxy

Journal of Physics B: Atomic, Molecular and Optical Physics

35561	Masamitsu Hoshino	51 (2018) 065402	2011B1576	BL27SU	星野 正光	Changes in Site-Specific Shape Resonances in Nitrogen K-shell Photoionization of N ₂ O Induced by Vibrational Excitation
			2011A1094	BL27SU	星野 正光	
35683	Shinichirou Minemoto	51 (2018) 075601	2016B8002	BL1	柳下 明	Ar 3p Photoelectron Sideband Spectra in Two-Color XUV + NIR Laser Fields
			2017A8013	BL1	柳下 明	

Journal of the American Ceramic Society

35372	Takahiro Ohkubo	101 (2018) 1122-1134	2014B1814	BL04B2	大窪 貴洋	Insights from ab initio Molecular Dynamics Simulations for a Multicomponent Oxide Glass
35459	Masanori Suzuki	101 (2018) 2653-2665	2015B1004	BL14B2	鈴木 賢紀	Effect of Thermal History on High-Valence Chromium Ion Dissolution in Merwinite (3CaO·MgO·2SiO ₂)

Macromolecules

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
35399	Yusuke Asai	50 (2017) 5402-5411	2016B1073	BL40B2	高野 敦志	Tricontinuous Double Diamond Network Structure from Binary Blends of ABC Triblock Terpolymers
35790	Fuyuki Endo	51 (2018) 2321-2327	2015B1710	BL40B2	大越 隆介	Mechanically Tough Syndiotactic Polypropylene (sPP) Gels Realized by Fast Quenching Using Liquid Nitrogen

Nanoscale

35217	Koichi Murata	10 (2018) 295-301	2013A1274	BL37XU	三木 一司	Atomic Layer Doping of Mn Magnetic Impurities from Surface Chains at a Ge/Si Hetero-Interface
			2014B1097	BL37XU	三木 一司	
35366	Chi-Feng Huang	10 (2018) 2820-2824	2015A4262	BL12XU	Hwu Yeu Kuang	Free-Electron-Laser Coherent Diffraction Images of Individual Drug-Carrying Liposome Particles in Solution
			2016A4252	BL12XU	Hwu Yeu Kuang	
			2016A4262	BL12XU	Hwu Yeu Kuang	
			2016B4258	BL12XU	Hwu Yeu Kuang	
			2017A4262	BL12XU	Hwu Yeu Kuang	
			2017B4257	BL12XU	Hwu Yeu Kuang	

NPG Asia Materials

35359	Junghwan Kim	9 (2017) e359	2016B4702	BL15XU	神谷 利夫	Conversion of an Ultra-Wide Bandgap Amorphous Oxide Insulator to a Semiconductor
			2016A4703	BL15XU	神谷 利夫	
35466	Takayuki Nozaki	9 (2017) e451	2016B1017	BL39XU	鈴木 義茂	Highly Efficient Voltage Control of Spin and Enhanced Interfacial Perpendicular Magnetic Anisotropy in Iridium-Doped Fe/MgO Magnetic Tunnel Junctions

Nucleic Acids Research

35266	Wei Yang Ooi	46 (2018) 431-441	2014B1265	BL41XU	関根 俊一	A <i>Thermus</i> Phage Proton Inhibits Host RNA Polymerase by Preventing Template DNA Strand Loading during Open Promoter Complex Formation
			2015B2040	BL41XU	関根 俊一	
			2016A2526	BL41XU	関根 俊一	
35547	Ayano Kaneta	46 (2018) 1958-1972	2012B1916	BL41XU	平田 章	The RNA-Splicing Endonuclease from the Euryarchaeon <i>Methanopyrus kandleri</i> is a Heterotetramer with Constrained Substrate Specificity
			2013A1110	BL38B1	平田 章	
			2014B1221	BL26B1	平田 章	
			2015B2047	BL26B2	平田 章	

Physica B

35499	Akihiro Mitsuda	(2017) Available online 28 Oct. 2017	2012B0046	BL39XU	渡辺 真仁	Pressure and Magnetic Field Effects on the Valence Transition of EuRh ₂ Si ₂
35507	Mitsuhiro Hirai	(2018) Available online 14 Feb. 2018	2014A1062	BL40B2	平井 光博	Macromolecular Crowding Effect on Protein Structure and Hydration Clarified by using X-ray and Neutron Scattering
			2015B1489	BL40B2	平井 光博	

Physical Review Materials

35312	Yusuke Kousaka	1 (2017) 071402(R)	2009A1607	BL39XU	大隅 寛幸	Monochiral Helimagnetism in Homochiral Crystals of CsCuCl ₃
			2009B1586	BL39XU	大隅 寛幸	
35512	Fumiya Takata	2 (2018) 024407	2017A3842	BL23SU	木村 昭夫	Preferred Site Occupation of 3d Atoms in Ni _x Fe _{4-x} N (x = 1 and 3) Films Revealed by X-ray Absorption Spectroscopy and Magnetic Circular Dichroism

Polymers

35221	Sinan Li	10 (2018) 72	2015B1100	BL40B2	寺尾 憲	Colloidal Dispersion of a Perfluorosulfonated Ionomer in Water-Methanol Mixtures
			2015B1674	BL40B2	高橋 倫太郎	
35456	Shota Sasaki	10 (2018) 180	2014A1676	BL40B2	木下 雅貴	Elucidation of Spatial Distribution of Hydrophobic Aromatic Compounds Encapsulated in Polymer Micelles by Anomalous Small-Angle X-ray Scattering
			2013B1683	BL40B2	木下 雅貴	
			2015B1724	BL40B2	中西 亮輔	
			2015A1562	BL40B2	秋葉 勇	
			2015B1464	BL40B2	秋葉 勇	
			2016B1300	BL40B2	秋葉 勇	
			2017A7231	BL03XU	秋葉 勇	

Procedia Structural Integrity

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
35462	Yoshikazu Nakai	2 (2016) 3117-3124	2015B1592	BL46XU	牧野 泰三	Effects of Inclusion Size and Orientation on Rolling Contact Fatigue Crack Initiation Observed by Laminography using Ultra-Bright Synchrotron Radiation
			2015A1973	BL46XU	牧野 泰三	
			2015A1668	BL46XU	牧野 泰三	
			2014B1890	BL46XU	牧野 泰三	
			2014B1602	BL46XU	牧野 泰三	
			2014A1770	BL46XU	牧野 泰三	
35464	Taizo Makino	7 (2017) 468-475	2014B1890	BL46XU	牧野 泰三	Rolling Contact Fatigue Damage from Artificial Defects and Sulphide Inclusions in High Strength Steel
			2014B1602	BL46XU	牧野 泰三	
			2014A1770	BL46XU	牧野 泰三	
			2014A1562	BL46XU	牧野 泰三	

Proteins: Structure, Function, and Bioinformatics

35627	Setsu Nakae	(2018) online published 23 Mar. 2018	2012B1254	BL38B1	白井 剛	Structures of Jacalin-Related Lectin PPL3 Regulating Pearl Shell Biomineralization
35794	Ryo Yonehara	84 (2016) 759-769	2013B6500	BL44XU	山下 栄樹	Crystal Structures of OprN and OprJ, Outer Membrane Factors of Multidrug Tripartite Efflux Pumps of <i>Pseudomonas aeruginosa</i>
			2014A6500	BL44XU	山下 栄樹	
			2014B6500	BL44XU	山下 栄樹	

Review of Scientific Instruments

35207	Yuji Higo	89 (2018) 014501	2011B1458	BL04B1	肥後 祐司	Simultaneous High-Pressure High-Temperature Elastic Velocity Measurement System up to 27 GPa and 1873K using Ultrasonic and Synchrotron X-ray Techniques
			2014A1897	BL04B1	肥後 祐司	
			2014A1906	BL04B1	肥後 祐司	
			2014B2038	BL04B1	肥後 祐司	
			2012B1477	BL04B1	肥後 祐司	
35739	Takayuki Muro	88 (2017) 123106	2011A1516	BL25SU	室 隆桂之	Wide-Angle Display-Type Retarding Field Analyzer with High Energy and Angular Resolutions
			2011B1582	BL25SU	室 隆桂之	
			2012A1383	BL25SU	室 隆桂之	
			2012B1573	BL25SU	室 隆桂之	
			2012B1983	BL25SU	室 隆桂之	
			2013A1159	BL25SU	室 隆桂之	
			2013A1906	BL25SU	室 隆桂之	
			2014B1534	BL25SU	室 隆桂之	
			2015A1641	BL25SU	室 隆桂之	
			2015B1522	BL25SU	室 隆桂之	
			2016A1452	BL25SU	室 隆桂之	
2016B1501	BL25SU	室 隆桂之				
2016B1974	BL25SU	室 隆桂之				

Science Advances

35388	Takuya Iwashita	3 (2017) e1603079	2014A1240	BL35XU	Egami Takeshi	Seeing Real-Space Dynamics of Liquid Water through Inelastic X-Ray Scattering
			2013B1289	BL35XU	Egami Takeshi	
35563	Mamoru Takizawa	3 (2017) e1701497	2014A6500	BL44XU	山下 栄樹	Mechanistic Basis for the Recognition of Laminin-511 by $\alpha 6\beta 1$ Integrin
			2014B6500	BL44XU	山下 栄樹	

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

35537	Hiroki Wadati	49 (2018) 169-175	2014A1664	BL01B1	津山 智之	X-Ray Absorption Spectroscopy of 4f Compounds and Future Directions Toward Time-resolved Measurements
			2016A7403	BL07LSU	和達 大樹	
			2016A7504	BL07LSU	田久保 耕	
			2016B7403	BL07LSU	和達 大樹	
			2016B7518	BL07LSU	平田 靖透	
			2017A7403	BL07LSU	和達 大樹	
35541	Takahiro Shimojima	49 (2018) 163-168	2015B8056	BL3	下志万 貴博	Lattice Dynamics of 1T'-MoTe ₂ Studied by Time-Resolved Transmission X-Ray Diffraction at SACLA
			2014A8044	BL3	和達 大樹	

鉄と鋼 (Tetsu to Hagane)

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
35379	Yo Tomota	103 (2017) 570-578	2015B4502	BL15XU	関戸 信彰	Comparison of the Measurements of Austenite Volume Fraction by Various Methods for Mn-Si-C Steel
35390	Keisuke Watanabe	104 (2018) 65-71	2016A1183	BL20XU	古君 修	Evaluation of Porosity Closure during Hot Compression of Steel by Synchrotron X-ray Laminography and FEM Analysis

46th Lunar and Planetary Science Conference

35682	Toru Yada	(2015) 1850	2014B1555	BL47XU	矢田 達	Three Dimensional Structures and Detail Morphologies of Aggregate-Type Itokawa Particles Analyzed by Dual-Energy Synchrotron Radiation Computed Tomography and Field Emission Secondary Electron Microscope
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ACS Chemical Biology

35374	Junso Fujita	12 (2017) 1947-1955	2016B6639	BL44XU	松村 浩由	Structural Flexibility of an Inhibitor Overcomes Drug Resistance Mutations in <i>Staphylococcus aureus</i> FtsZ
			2014A6947	BL44XU	松村 浩由	
			2014B6947	BL44XU	松村 浩由	
			2015A6538	BL44XU	松村 浩由	
			2015B6538	BL44XU	松村 浩由	
			2016A6639	BL44XU	松村 浩由	
			2016A2572	BL26B1	松村 浩由	
			2016A2572	BL41XU	松村 浩由	

ACS Chemical Neuroscience

35591	Simon A. James	8 (2017) 629-637	2014B1250	BL20B2	Streltsov Victor	Iron, Copper, and Zinc Concentration in A β Plaques in the APP/PS1 Mouse Model of Alzheimer's Disease Correlates with Metal Levels in the Surrounding Neuropil
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ACS Macro Letters

35208	Masanao Sato	7 (2018) 148-152	2013B1171	BL40B2	高原 淳	Design of High-Density Helical Polymer Brush on Silica Nanoparticles for the Size Recognition of Fullerene Molecules
			2014A1228	BL02B2	高原 淳	
			2014A1222	BL40B2	高原 淳	
			2014B1286	BL40B2	高原 淳	

Acta Crystallographica Section D

35770	Hyounsook Kim	70 (2014) 2800-2812	2014B1998	BL26B1	Han Byung Woo	Structural Basis for the Recognition of Muramyltripeptide by <i>Helicobacter pylori</i> Csd4, a D,L-carboxypeptidase Controlling the Helical Cell Shape
			2014B1997	BL26B2	Han Byung Woo	

Advanced Electronic Materials

35212	Yuta Honma	4 (2018) 1700490	2015A1773	BL40B2	本間 優太	Mesoscopic 2D Charge Transport in Commonplace PEDOT:PSS Films
			2015B1694	BL40B2	本間 優太	
			2016A1617	BL40B2	本間 優太	

American Mineralogist

35375	Takanori Sakairi	103 (2018) 85-90	2015A1627	BL35XU	坂巻 竜也	Sound Velocity Measurements of hcp Fe-Si Alloy at High Pressure and High Temperature by Inelastic X-ray Scattering
			2012A1255	BL35XU	大谷 栄治	
			2012B1439	BL35XU	大谷 栄治	
			2013A1377	BL35XU	坂巻 竜也	
			2013A1492	BL35XU	大谷 栄治	
			2013B1078	BL35XU	坂巻 竜也	
			2013B1094	BL35XU	大谷 栄治	
			2014A1100	BL35XU	大谷 栄治	
			2014B1269	BL35XU	坂巻 竜也	
			2014B1465	BL35XU	大谷 栄治	
			2015A1539	BL35XU	大谷 栄治	
			2015B1202	BL35XU	坂巻 竜也	
			2015B1334	BL35XU	大谷 栄治	

Angewandte Chemie

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
35588	Mattia Sist	129 (2017) 3679-3683	2014A0078	BL02B1	Iversen Bo	Low-Temperature Anharmonicity in Cesium Chloride (CsCl)

Angewandte Chemie International Edition

35643	Ning-Shian Hsu	57 (2018) 1802-1807	2011A6500	BL44XU	山下 栄樹	The Mesomeric Effect of Thiazolium on Non-Kekulé Diradicals in <i>Pichia stipitis</i> Transketolase
			2010A6500	BL44XU	山下 栄樹	
			2010B6500	BL44XU	山下 栄樹	
			2014B4016	BL12B2	Li Tsung Lin	
			2014B4009	BL12B2	Li Tsung Lin	
2014B1949	BL26B2	Li Tsung Lin				

APL Materials

35521	Akiyoshi Nakata	6 (2018) 047703	2012A1027	BL47XU	小久見 善八	<i>In situ</i> Zn/ZnO Mapping Elucidating for "Shape Change" of Zinc Electrode
			2012A7602	BL28XU	小久見 善八	
			2015A7602	BL28XU	小久見 善八	

Applied Physics A

35669	Yuji Sato	124 (2018) 288	2016B3721	BL22XU	菅浦 敬久	Preheat Effect on Titanium Plate Fabricated by Sputter-Free Selective Laser Melting in Vacuum
			2017A3721	BL22XU	菅浦 敬久	

Applied Spectroscopy

35529	Chihiro Funaki	71 (2017) 1537-1542	2015B7252	BL03XU	佐藤 春実	Terahertz Imaging of the Distribution of Crystallinity and Crystalline Orientation in a Poly(ϵ -caprolactone) Film
			2016A7202	BL03XU	佐藤 春実	

Biopolymers

35408	Philip-Kunio Naito	105 (2016) 361-368	2015B1714	BL40B2	内藤 フィリップ 邦夫	X-ray Crystal Structure of Anhydrous Chitosan at Atomic Resolution
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Catalysis Science & Technology

35211	Guoyu Shi	7 (2017) 6124-6131	2015B3388	BL08B2	犬飼 潤治	Weakened CO Adsorption and Enhanced Structural Integrity of a Stabilized Pt Skin/PtCo Hydrogen Oxidation Catalyst Analysed by <i>in situ</i> X-ray Adsorption Spectroscopy
			2016A1805	BL19B2	犬飼 潤治	
			2016A5390	BL16B2	今井 英人	
			2016B5390	BL16B2	今井 英人	

Cell Reports

35660	Naoki Matsumoto	11 (2015) 366-375	2014B1223	BL41XU	西増 弘志	Crystal Structure and Activity of the Endoribonuclease Domain of the piRNA Pathway Factor Maelstrom
			2011B1280	BL32XU	塚崎 智也	

Ceramics International

35773	Yuuki Yoshimoto	44 (2018) 7461-7472	2016A1466	BL04B2	下田 達也	Solid Conversion Behaviors of Indium Oxide Gel Consisting of Hybrid Clusters with Thermal- and/or Ultraviolet-Treatments for Low Temperature Processing
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ChemElectroChem

35550	Kazuyuki Iwase	5 (2018) 805-810	2017B1171	BL01B1	神谷 和秀	Sulfur-Linked Covalent Triazine Frameworks Doped with Coordinatively Unsaturated Cu(I) as Electrocatalysts for Oxygen Reduction
			2016A1120	BL01B1	神谷 和秀	
			2016A1464	BL01B1	神谷 和秀	
			2016B1098	BL01B1	神谷 和秀	
			2017A1790	BL14B2	岩瀬 和至	
2016B1696	BL01B1	岩瀬 和至				

Chemical Physics Letters

35418	Itsuki Miyazato	691 (2018) 122-125	2016B1775	BL14B2	宮里 一旗	Revealing the Multi Hydrogen Bonding State within Iron Doped Amorphous Carbon
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ChemistrySelect

35405	Ken-ichi Shimizu	1 (2016) 736-740	2012A1734	BL14B2	多井 豊	Lewis Acid-Promoted Heterogeneous Platinum Catalysts for Hydrogenation of Amides to Amines
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Crystal Research and Technology

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
35502	Wataru Michida	53 (2018) 1700142	2017A1680	BL40B2	道田 航	Discrete Polymerization of 3,4-Ethylenedioxythiophene in Cyclodextrin-Based Metal-Organic Framework

CrystEngComm

35402	Takashi Toyao	19 (2017) 4201-4210	2014B1279	BL01B1	堀内 悠	Fe ₃ O ₄ @HKUST-1 and Pd/Fe ₃ O ₄ @HKUST-1 as Magnetically Recyclable Catalysts Prepared via Conversion from a Cu-Based Ceramic
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Earth and Planetary Science Letters

35791	Yu Nishihara	490 (2018) 151-160	2010A0082	BL04B1	入船 徹男	Deformation-Induced Crystallographic-Preferred Orientation of hcp-iron: An Experimental Study using a Deformation-DIA Apparatus
			2015A0075	BL04B1	入船 徹男	

Energy Technology

35426	Yuya Fukuzumi	(2018) Online published 5 Feb. 2018	2017A1649	BL02B2	福住 勇矢	Prussian Blue Analogues as Promising Thermal Power Generation Materials
			2017A1040	BL02B2	守友 浩	

Engineering Fracture Mechanics

35463	Yoshikazu Nakai	183 (2017) 180-189	2016A1541	BL46XU	牧野 泰三	4D Observation of Rolling Contact Fatigue Processes by Laminography using Ultra-Bright Synchrotron Radiation
			2015B1592	BL46XU	牧野 泰三	
			2015A1973	BL46XU	牧野 泰三	
			2015A1668	BL46XU	牧野 泰三	
			2014B1890	BL46XU	牧野 泰三	
			2014B1602	BL46XU	牧野 泰三	
			2014A1770	BL46XU	牧野 泰三	
2014A1562	BL46XU	牧野 泰三				

Environmental Pollution

35205	Kentaro Kameda	233 (2018) 952-959	2015B1565	BL14B2	橋本 洋平	Stabilization of Arsenic and Lead by Magnesium Oxide (MgO) in Different Seawater Concentrations
			2016B1181	BL01B1	橋本 洋平	
			2016B1565	BL14B2	橋本 洋平	

EPJ Web of Conferences

35813	Kenji Maruyama	151 (2017) 01003	2012B1240	BL28B2	丸山 健二	The Packing of Helical and Zigzag Chains and Distribution of Interstitial Voids in Expanded Liquid Se Near the Semiconductor to Metal Transition
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European Journal of Mineralogy

35741	Kenta Yoshida	28 (2016) 245-256	2014B1422	BL47XU	土山 明	Combined FIB Microsampling and X-ray Microtomography: a Powerful Tool for the Study of Tiny Fluid Inclusions
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The FEBS Journal

35646	Ansuman Biswas	284 (2017) 2527-2544	2012B6761	BL44XU	Kanagaraj Sekar	Structural Studies of a Hyperthermophilic Thymidylate Kinase Enzyme Reveal Conformational Substates along the Reaction Coordinate
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Frontiers in Microbiology

35582	Martijn Zwama	8 (2017) 2095	2016A6627	BL44XU	中島 良介	Hoisting-Loop in Bacterial Multidrug Exporter AcrB Is a Highly Flexible Hinge That Enables the Large Motion of the Subdomains
			2016B6627	BL44XU	中島 良介	

Frontiers in Molecular Bioscience

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
35467	Tetsuya Masuda	5 (2018) 10	2009A1096	BL38B1	榎田 哲哉	Positive Charges on the Surface of Thaumatin Are Crucial for the Multi-Point Interaction with the Sweet Receptor
			2009B1379	BL26B1	榎田 哲哉	
			2011B1073	BL26B1	榎田 哲哉	
			2012A1048	BL26B1	榎田 哲哉	
			2012B1067	BL26B1	榎田 哲哉	
			2013A1053	BL26B1	榎田 哲哉	
			2013A1175	BL26B1	三上 文三	
			2013B1069	BL26B1	榎田 哲哉	
			2013B1223	BL26B1	三上 文三	
			2013B1373	BL26B1	三上 文三	
			2014A1063	BL26B1	榎田 哲哉	
			2014B1181	BL26B1	榎田 哲哉	
			2014B2020	BL26B2	榎田 哲哉	
			2015A1037	BL26B1	榎田 哲哉	
			2016A2548	BL26B1	榎田 哲哉	
2016A2552	BL38B1	榎田 哲哉				
2017A2511	BL26B1	榎田 哲哉				

Geophysical Research Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35524	Liang Yuan	45 (2018) 1330-1338	2016B1494	BL10XU	大谷 栄治	Chemical Reactions Between Fe and H ₂ O up to Megabar Pressures and Implications for Water Storage in the Earth's Mantle and Core
			2016B1214	BL10XU	鎌田 誠司	
			2017A1474	BL35XU	大谷 栄治	
			2017A1251	BL10XU	鎌田 誠司	
			2017A1673	BL10XU	前田 郁也	
			2017B1514	BL10XU	大谷 栄治	
2017B1693	BL10XU	Yuan Liang				

Geoscience Frontiers

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
35450	Masayuki Nishi	(2017) Available online 1 Nov. 2017	2014B1363	BL10XU	西 真之	High-Pressure Phase Transitions of Anorthosite Crust in the Earth's Deep Mantle

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
35645	Takeshi Sakai	(2018) Published online 7 Mar. 2018	2014B1560	BL10XU	境 毅	High Pressure Generation using Double-Stage Diamond Anvil Technique: Problems and Equations of State of Rhenium
			2014A1189	BL10XU	境 毅	
			2015B1261	BL10XU	境 毅	
			2016B1540	BL10XU	境 毅	

Icarus

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
35740	Tatsuhiko Michikami	302 (2018) 109-125	2014B1410	BL20B2	土山 明	Influence of Petrographic Textures on the Shapes of Impact Experiment Fine Fragments Measuring Several Tens of Microns: Comparison with Itokawa Regolith Particles

Image Analysis & Stereology

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
35439	Ondrej Sedivy	36 (2017) 5-13	2013A1506	BL20XU	Krill Carl	Description of the 3D Morphology of Grain Boundaries in Aluminum Alloys Using Tessellation Models Generated by Ellipsoids

International Journal of Cosmetic Science

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35782	Kaori Yanase	40 (2018) 44-49	2012B1864	BL19B2	築瀬 香織	Disruption of Human Stratum Corneum Lipid Structure by Sodium Dodecyl Sulphate
			2011B1817	BL40B2	築瀬 香織	
			2011A1451	BL40B2	築瀬 香織	
			2010B1331	BL40B2	築瀬 香織	
			2010A1700	BL40B2	築瀬 香織	
2014A1551	BL19B2	築瀬 香織				

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
35667	Shohei Tada	42 (2017) 30126-30134	2016B1552	BL14B2	多田 昌平	Sponge Ni Catalyst with High Activity in CO ₂ Methanation
			2017A1584	BL14B2	里川 重夫	

International Journal of Molecular Sciences

35743	Naoki Ogawa	19 (2018) 950	2013B1429	BL40XU	養王田 正文	Time-Resolved Measurement of the ATP-Dependent Motion of the Group II Chaperonin by Diffracted Electron Tracking
			2013A1353	BL40XU	養王田 正文	

ISIJ International

35579	Osamu Furukimi	58 (2018) online publication Mar. 2 2018	2016A1183	BL20XU	古君 修	Void Nucleation, Growth, and Coalescence Observed by Synchrotron Radiation X-ray Laminography during Tensile Deformation of Fe-0.02 mass% N Alloy
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Journal of Alloys and Compounds

35528	Milos Krbal	704 (2017) 254-259	2010B1703	BL27SU	Kolobov Alexander	Detection of N-Te Bonds in the As-Deposited Amorphous Nitrogen-Doped GeTe-Based Phase Change Alloys using N K-edge XANES Spectroscopy and Their Impact on Crystallization
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Journal of Analytical Atomic Spectrometry

35209	Hiroyuki Asakura	33 (2018) 84-89	2015B1260	BL39XU	朝倉 博行	A Feasibility Study of "Range-Extended" EXAFS Measurement at the Pt L ₃ -edge of Pt/Al ₂ O ₃ in the Presence of Au ₂ O ₃
			2016A1159	BL39XU	朝倉 博行	
			2016A3567	BL11XU	朝倉 博行	
			2016B3564	BL11XU	朝倉 博行	
			2015A1470	BL01B1	河村 直己	
2016A1837	BL39XU	河村 直己				

Journal of Applied Physiology

35480	Stephen Dubsky	122 (2017) 503-510	2012B1100	BL20B2	Fouras Andreas	Assessment of Airway Response Distribution and Paradoxical Airway Dilatation in Mice during Methacholine Challenge
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Journal of Applied Polymer Science

35204	Kun Li	135 (2018) 46053	2015A1237	BL45XU	松葉 豪	Effects of Relaxation Time and Zero Shear Viscosity on Structural Evolution of Linear Low-Density Polyethylene in Shear Flow
			2016A1257	BL40B2	松葉 豪	

The Journal of Biochemistry

35559	Kensaku Kanada	162 (2017) 271-278	2014B6500	BL44XU	山下 栄樹	Conserved Threonine 1505 in the Catalytic Domain Stabilizes Mouse DNA Methyltransferase 1
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The Journal of Cell Biology

35395	Shin Kawano	217 (2018) 959	2012B1092	BL38B1	河野 慎	Structure-Function Insights into Direct Lipid Transfer between Membranes by Mmm1-Mdm12 of ERMES
			2013A1032	BL38B1	河野 慎	
			2013B1170	BL38B1	河野 慎	
			2014A1396	BL38B1	河野 慎	

Journal of Fiber Science and Technology

35197	Tooru Kitagawa	74 (2018) 1-9	2015A7212	BL03XU	船城 健一	Difference in Preferential Orientations of Crystal Planes and Crystal Sizes along the Radial Direction of Poly- <i>p</i> -Phenylenebenzobisoxazole (PBO) Fibers
			2016A7212	BL03XU	船城 健一	

Journal of Geophysical Research

35385	Zhaodong Liu	122 (2017) 7775-7778	2016A1434	BL04B1	劉 兆東	Phase Relations in the System MgSiO ₃ -Al ₂ O ₃ up to 2300 K at Lower Mantle Pressures
			2016B1094	BL04B1	劉 兆東	
			2016A1172	BL04B1	石井 貴之	
			2016A1274	BL04B1	桂 智男	
			2015A0075	BL04B1	入舩 徹男	
2015A1359	BL04B1	桂 智男				

Journal of Luminescence

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
35226	Hirokazu Masai	195 (2018) 413-419	2016A0130	BL01B1	小原 真司	Luminescence of Ce ³⁺ in Aluminophosphate Glasses Prepared in Air

Journal of Magnetism and Magnetic Materials

35455	Akinobu Yamaguchi	453 (2018) 107-113	2013B1735	BL25SU	山口 明啓	Heterojunction-Induced Magnetic Anisotropy and Magnetization Reversal of Ni Wires on LiNbO ₃ Substrate
			2014B1398	BL25SU	山口 明啓	
			2016A1252	BL17SU	山口 明啓	
			2016B1305	BL17SU	山口 明啓	

Journal of Pharmaceutical Sciences

35250	Yuko Okamoto	107 (2018) 436-445	2015B1708	BL40B2	荒井 泰史	Albumin-Encapsulated Liposomes: A Novel Drug Delivery Carrier With Hydrophobic Drugs Encapsulated in the Inner Aqueous Core
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The Journal of Physical Chemistry B

35630	M. Kassem	120 (2016) 5278-5290	2015A1409	BL04B2	Bychkov Evgeny	Mercury Sulfide Dimorphism in Thioarsenate Glasses
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The Journal of Physical Chemistry Letters

35215	Tsuyoshi Yamaguchi	9 (2018) 298-301	2017A1236	BL09XU	山口 毅	Structural Relaxation and Viscoelasticity of a Higher Alcohol with Mesoscopic Structure
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Journal of Physics: Condensed Matter

35494	Akihiro Mitsuda	30 (2018) 105603	2012A1069	BL01B1	光田 暁弘	Emergence of a New Valence-Ordered Structure and Collapse of the Magnetic Order under High Pressure in EuPtP
			2012B0046	BL39XU	渡辺 真仁	
			2016B1121	BL10XU	光田 暁弘	

Journal of Physics D: Applied Physics

35775	Koki Takanashi	50 (2017) 483002	2016A1544	BL46XU	水口 将輝	Fabrication and Characterization of L ₁₀ -Ordered FeNi Thin Films
			2016A1771	BL46XU	水口 将輝	
			2016B1363	BL39XU	水口 将輝	
			2016B1596	BL46XU	水口 将輝	
			2016B1603	BL19B2	水口 将輝	
			2017A1600	BL46XU	水口 将輝	
			2017A1784	BL46XU	水口 将輝	

Journal of Polymer Science Part B: Polymer Physics

35398	Yuuki Izumi	53 (2015) 907-911	2014A1446	BL40XU	高野 敦志	A New Periodic Pattern with Five-Neighbored Domain Packing from ABC Triblock Terpolymer/B Homopolymer Blend
			2009B1631	BL40XU	高野 敦志	

Journal of Power Sources

35262	Mozaffar Abdollahifar	378 (2018) 90-97	2016B4127	BL12B2	Wu Nae-Lih	High-performance Carbon-coated ZnMn ₂ O ₄ Nanocrystallite Supercapacitors with Tailored Microstructures Enabled by a Novel Solution Combustion Method
			2017A4129	BL12B2	Wu Nae-Lih	
			2017B4127	BL12B2	Wu Nae-Lih	

Journal of Solid State Chemistry

35673	Yui Ishii	249 (2017) 149-153	2016A1349	BL02B2	河口 彰吾	Structural Investigation of the SrAl ₂ O ₄ -BaAl ₂ O ₄ Solid Solution System with Unstable Domain Walls
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Journal of Solid State Electrochemistry

35493	Heng Wang	(2018) online published 17 Feb. 2018	2017A3634	BL14B1	吉川 浩史	In situ X-ray Absorption Fine Structure Studies of Amorphous and Crystalline Polyoxovanadate Cluster Cathodes for Lithium Batteries
			2016B3634	BL14B1	吉川 浩史	
			2015B3615	BL14B1	吉川 浩史	

Journal of Surface Analysis

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
35576	Tsukasa Motoya	24 (2017) 55-60	2012B5131	BL16XU	本谷 宗	Structural Analysis in the Surface of Nitride Semiconductor by Grazing Incidence X-ray Diffraction
			2013A5131	BL16XU	本谷 宗	
			2013A5430	BL16B2	上原 康	
			2013B5131	BL16XU	本谷 宗	
			2014A5131	BL16XU	本谷 宗	

Journal of the American Oil Chemists' Society

35542	Kengoh Nakanishi	95 (2018) 51-59	2014A1704	BL19B2	仲西 賢剛	Crystallization Behavior of Molecular Compound in Binary Mixture System of 1,3-Dioleoyl-2-Palmitoyl- <i>sn</i> -Glycerol and 1,3-Dipalmitoyl-2-Oleoyl- <i>sn</i> -Glycerol
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Journal of the Japan Petroleum Institute

35666	Shohei Tada	61 (2018) 80-86	2016B1552	BL14B2	多田 昌平	Degradation Factors of Ni/TiO ₂ Catalysts for Selective CO Methanation: Effect of Loss of Residual Cl on Catalyst
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Magnesium Technology 2017

35587	Guang Zeng	(2017) 597-603	2014A1540	BL20B2	野北 和宏	Real-Time Observation of AZ ₉₁ Solidification by Synchrotron Radiography
			2014A1541	BL20B2	野北 和宏	

Materials Chemistry and Physics

35572	Brandon Mitchell	193 (2017) 140-146	2012B1865	BL14B2	藤原 康文	Synthesis and Characterization of a Liquid Eu Precursor (EuCp ^{mm} ₂) Allowing for Valence Control of Eu Ions Doped into GaN by Organometallic Vapor Phase Epitaxy
			2013A1550	BL14B2	藤原 康文	
			2013A1817	BL14B2	藤原 康文	
			2013B1857	BL14B2	藤原 康文	
			2014B1667	BL14B2	藤原 康文	
			2015A1716	BL14B2	小泉 淳	
2015B1639	BL14B2	小泉 淳				

Materials Chemistry Frontiers

35391	Ichiro Hisaki	2 (2018) 338-346	2015B1397	BL38B1	久木 一朗	Sterically Crowded Hydrogen-Bonded Hexagonal Network Frameworks
			2016A1121	BL38B1	久木 一朗	
			2016B1151	BL38B1	久木 一朗	

Materials Science Forum

35306	Kousuke Muraoka	897 (2017) 348-351	2016A1538	BL46XU	黒木 伸一郎	Enhanced-Oxidation and Interface Modification on 4H-SiC(0001) Substrate Using Alkaline Earth Metal
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Mineralogical Magazine

35242	Susumu Ikeda	81 (2017) 1203-1222	2002A0354	BL47XU	池田 進	Three-Dimensional Study by Synchrotron Radiation Computed Tomography of Melt Distribution in Samples Doped to Enhance Contrast
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Molecules

35415	Yuki Hasegawa	23 (2018) 55	2015A1552	BL02B2	長谷川 美貴	The Enhanced Intramolecular Energy Transfer and Strengthened ff Luminescence of a Stable Helical Eu Complex in Ionic Liquids
			2015A1862	BL02B2	石井 あゆみ	
			2015B1353	BL02B2	石井 あゆみ	
			2016A1333	BL02B2	石井 あゆみ	
			2016A1336	BL02B2	長谷川 美貴	
			2016B1342	BL02B2	石井 あゆみ	
			2016B1706	BL02B2	尾形 周平	
			2017A1648	BL02B2	尾形 周平	
			2017A1380	BL02B2	石井 あゆみ	
			2017B1268	BL02B2	石井 あゆみ	

Nano Energy

35383	Ma Qiuyu	41 (2017) 148-153	2017A4257	BL12XU	Chen Hao-Ming	Identifying the Electrocatalytic Sites of Nickel Disulfide in Alkaline Hydrogen Evolution Reaction
			2017A4140	BL12B2	Chen Hao-Ming	

Nano Letters

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35340	Masaro Yoshida	17 (2017) 5567-5571	2012B1481	BL13XU	叶 劍挺	Extended Polymorphism of Two-Dimensional Material
			2013A1355	BL13XU	叶 劍挺	

Nanophotonics

35664	Deepika Yadav	7 (2018) 741-752	2015A1278	BL17SU	吹留 博一	Terahertz Light-Emitting Graphene-Channel Transistor toward Single-Mode Lasing
			2015B1232	BL17SU	吹留 博一	

Nature

35401	Xiangyu Liu	548 (2017) 480-484	2016A2502	BL32XU	Yan Nieng	Mechanism of Intracellular Allosteric β_2 AR Antagonist Revealed by X-ray Crystal Structure
			2017A2531	BL32XU	Kobilka Brian	

Nature Chemical Biology

35776	Tetsuya Hori	14 (2018) 262-269	2016B2726	BL32XU	堀 哲哉	Na ⁺ -mimicking Ligands Stabilized the Inactive State of Leukotriene B ₄ Receptor BLT1
			2017A2601	BL32XU	堀 哲哉	

Nature Materials

35343	Bing Li	17 (2018) 226-230	2015B1070	BL04B2	Li Bing	Liquid-like Thermal Conduction in Intercalated Layered Crystalline Solids
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Nuclear Instruments and Methods in Physics Research Section A

35762	Takatsugu Ishikawa	837 (2016) 109-122	2014B6101	BL31LEP	村松 憲仁	Testing a Prototype BGO Calorimeter with 100-800 MeV Positron Beams
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Optics Express

35254	Wataru Yashiro	26 (2018) 1012-1027	2017A1438	BL28B2	矢代 航	Effect of Insufficient Temporal Coherence on Visibility Contrast in X-ray Grating Interferometry
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Physica Status Solidi A

35352	Naoto Watanabe	(2018) Online published 31 Jan. 2018	2017B4702	BL15XU	神谷 利夫	Multiple Color Inorganic Thin-Film Phosphor, RE-Doped Amorphous Gallium Oxide (RE = Rare Earth: Pr, Sm, Tb, and Dy), Deposited at Room Temperature
			2017A4703	BL15XU	神谷 利夫	
			2016B4702	BL15XU	神谷 利夫	

Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B

35371	Takahiro Ohkubo	56 (2015) 139-144	2013B1165	BL04B2	大窪 貴洋	Structural Investigation of Aluminoborosilicate Glasses Containing Na ₂ MoO ₄ Crystallites by Solid State NMR
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Physics and Chemistry of Minerals

35339	Tatsuya Wakamatsu	(2018) Online published 25 Jan. 2018	2014A0080	BL10XU	廣瀬 敬	Measurements of Sound Velocity in Iron-Nickel Alloys by Femtosecond Laser Pulses in a Diamond Anvil Cell
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Proceedings of SPIE

35662	Kurumi Saitou	10578 (2018) 105781W	2016A1002	BL20B2	仁木 登	Bronchial Based Pulmonary Acinus Analysis in Human Lungs using a Synchrotron Radiation Micro-CT
			2016B1002	BL20B2	仁木 登	
			2017A1003	BL20B2	仁木 登	
			2017B1002	BL20B2	仁木 登	
			2014A1007	BL20B2	仁木 登	
			2014B1006	BL20B2	仁木 登	
2015B1002	BL20B2	仁木 登				

Proceedings of the 2015 International Chemical Congress of Pacific Basin Societies

35568	Hiroshi Hasegawa	(2015) ANYL 365	2014B1337	BL27SU	長谷川 浩	Diversity Analysis of Trace Elements in Precious Coral using μ -XRF
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Proceedings of the 4th International Conference ECCO Creep & Fracture

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
35533	Hideki Tsuruta	(2017)	2014B1585	BL20XU	鶴田 秀樹	3D Quantitative Evaluation of Creep Void in 9Cr Steel Welded Joint with X-ray Micro Tomography
			2015A1712	BL20XU	鶴田 秀樹	
			2015B1617	BL20XU	鶴田 秀樹	
			2016A1539	BL20XU	鶴田 秀樹	

Protein Science

35531	Vladimir A. Meshcheryakov	25 (2016) 1147-1155	2014A1181	BL38B1	Meshcheryakov Vladimir	Crystal Structure of the Flagellar Accessory Protein FlaH of <i>Methanocaldococcus jannaschii</i> Suggests a Regulatory Role in Archaeal Flagellum Assembly
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Radiation Research

35573	Kentaro Fujii	189 (2018) 264-272	2015A3812	BL23SU	藤井 健太郎	Roles of Hydration for Inducing Decomposition of 2-Deoxy-D-ribose by Ionization of Oxygen K-Shell Electrons
			2013A3812	BL23SU	藤井 健太郎	
			2013B3812	BL23SU	藤井 健太郎	
			2014B3812	BL23SU	藤井 健太郎	

Research on Chemical Intermediates

35404	Takashi Toyao	42 (2016) 7679-7688	2013A1403	BL01B1	堀内 悠	Construction of Pt Complex within Zr-based MOF and its Application for Hydrogen Production under Visible-Light Irradiation
			2012B1372	BL14B2	堀内 悠	

Science

35378	KyungHwan Kim	358 (2017) 1589-1593	2016A8015	BL3	Pathak Harshad	Maxima in the Thermodynamic Response and Correlation Functions of Deeply Supercooled Water
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Scientific Data

35420	Alexander Gorel	4 (2017) 170188	2015B8045	BL3	Barends Thomas	Two-Colour Serial Femtosecond Crystallography Dataset from Gadoteridol-Derivatized Lysozyme for MAD Phasing
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Soft Matter

35437	Yuji Matsumoto	13 (2017) 7433-7440	2013A1567	BL40B2	大野 正司	Evolution of Heterogeneity Accompanying Sol-Gel Transitions in a Supramolecular Hydrogel
			2013B1618	BL40B2	大野 正司	

Solid State Ionics

35496	Atsushi Mineshige	319 (2018) 223-227	2014B3250	BL24XU	嶺重 温	Preparation of Lanthanum Silicate Electrolyte with High Conductivity and High Chemical Stability
			2015A3200	BL24XU	籠島 靖	
			2015B3250	BL24XU	嶺重 温	
			2016A3200	BL24XU	籠島 靖	
			2016A3250	BL24XU	嶺重 温	

SPIE Proceedings

35376	Atsushi Momose	10391 (2017) 103910Y	2017A1041	BL28B2	百生 敦	Recent Advance in Grating-Based X-ray Phase Tomography
			2017A1195	BL37XU	松尾 光一	
			2015B1139	BL37XU	百生 敦	
			2016B1043	BL37XU	百生 敦	

Synchrotron Light Sources and Free-Electron Lasers

35545	Alfred Baron	(2015) 1-32	2001B0203	BL35XU	水木 純一郎	High-Resolution Inelastic X-Ray Scattering II: Scattering Theory, Harmonic Phonons, and Calculations
			他全部で 325 課題	すべて BL35XU		

Tissue Engineering Part A

35351	Marina Kitai	21 (2015) S-168	2014A1208	BL45XU	馬原 淳	Regulation of Inflammation and Degradation of Decellularized Vascular Grafts by Crosslinking with Branched Peg
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高圧力の科学と技術 (The Review of High Pressure Science and Technology)

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
35451	Yukio Kajihara	26 (2016) 288-296	2012B1465	BL04B2	梶原 行夫	Experimental Verification of Liquid-Liquid Critical Point Hypothesis from the View Point of 'Fluctuations'
			2012A1352	BL04B2	梶原 行夫	
			2014B1365	BL35XU	梶原 行夫	
			2015A1466	BL35XU	梶原 行夫	

材料 (Journal of the Society of Materials Science, Japan)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35337	Fumiyoshi Yoshinaka	66 (2017) 928-934	2014A1020	BL20XU	中村 孝	Non-Destructive Measurement of Internal Small Fatigue Crack Growth Rate in Ti-6Al-4V
			2014A1459	BL20XU	中村 孝	

触媒 (Catalysts & Catalysis)

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
35772	Fumihiko Matui	59 (2017) 76-81	2012B1698	BL25SU	安田 馨	Photoelectron Holography and Photoelectron Diffraction Microscopy
			2015A0116	BL25SU	林 好一	
			2015B1007	BL25SU	松井 文彦	

セメント・コンクリート論文集 (Cement Science and Concrete Technology)

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
35369	Takayasu Itoh	70 (2016) 222-229	2014B1821	BL04B2	高橋 俊之	Influences of Chemical Components on the Activity Index of CaO-Al ₂ O ₃ -SiO ₂ -MgO-System Slag

電気材料技術雑誌 (Journal of the Society of Electrical Materials 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
35434	Kenichiro Kurahashi	26 (2017) 5-12	2014B5130	BL16XU	清井 明	Correlation between Electronic Structure of SiN/AlGaN Interface and Gate Leakage Current
			2015A5130	BL16XU	清井 明	
			2015B5130	BL16XU	清井 明	

電子情報通信学会論文誌 C (IEICE Transactions on Electronics (Japanese 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
35414	Takeshi Kakara	J101-C (2018) 99-100	2016A1535	BL19B2	加々良 剛志	Simultaneous Measurement of Residual Stress at Interfaces Between Die Bonding Paste Resins and Cu-substrates, and Resins and Ag-fillers in Semiconductor Packages

塗装工学 (Journal of Japan Coating Technology Association)

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
35623	Tai Nakayama	51 (2016) 314-321	2014B1792	BL46XU	谷口 昌司	Observation Method Development for Coating Formation Process of Metallic Paint by X-ray Imaging Using a High-energy Synchrotron Radiation
			2014A1703	BL46XU	谷口 昌司	
			2015A1853	BL46XU	谷口 昌司	

日本機械学会論文集 (Transactions of the JSME)

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
35336	Fumiyoshi Yoshinaka	83 (2017) 17-00104	2014A1020	BL20XU	中村 孝	Observation of the Initial Process of Internal Fracture in Very High Cycle Fatigue in Ti-6Al-4V by Synchrotron Radiation μ CT Imaging
			2014A1459	BL20XU	中村 孝	

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

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35482	Fumiyoshi Kirino	82 (2018) 44-51	2013A3253	BL24XU	横山 和司	Study on Using Materials for a Purple Glass Bottle Manufactured at Edo-Era
			2013B3253	BL24XU	横山 和司	
			2014A3253	BL24XU	横山 和司	
			2014B3253	BL24XU	横山 和司	
			2014B3354	BL08B2	横山 和司	
			2015A3354	BL08B2	横山 和司	
2016A3354	BL08B2	横山 和司				

表面技術 (Journal of the Surface Finishing Society of Japan)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35406	Wataru Yashiro	66 (2015) 603-607	2014B1185	BL20XU	矢代 航	Small-Angle X-ray Scattering Imaging Using Gratings - Towards Surface and Interface Structure Analysis -
			2015A1251	BL20XU	矢代 航	
			2015A1244	BL20XU	矢代 航	
			2015B1255	BL20XU	矢代 航	

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

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
35425	Thanya Phraewphiphat	65 (2018) 26-33	2014A1408	BL02B2	菅野 了次	Synthesis and Lithium-Ion Conductivity of LiSrB ₂ O ₆ F (B = Nb ⁵⁺ , Ta ⁵⁺) with a Pyrochlore Structure
			2014B1931	BL19B2	菅野 了次	

博士論文 (東京大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
35413	Shoya Sakamoto	(2018)	2014B3881	BL23SU	藤森 淳	Electronic Structures and Magnetic Properties of Fe-doped Ferromagnetic Semiconductors
			2015B3881	BL23SU	藤森 淳	
			2016A3831	BL23SU	藤森 淳	
			2016B3841	BL23SU	藤森 淳	
			2017A3841	BL23SU	藤森 淳	
35584	Jiechen Lu	(2016)	2014B1204	BL09XU	大久保 将史	Phase Diagram, Transport Property and Materials Exploration of Iron-Based Cathode Materials for Lithium/Sodium Ion Batteries
35661	Yuichi Yokoyama	(2018)	2015B1793	BL47XU	和達 大樹	X-ray Spectroscopy Study of Electronic States in Transition Metal Compounds Controlled by Crystal Structures
			2016A7501	BL07LSU	山崎 裕一	
			2016B7515	BL07LSU	山崎 裕一	
			2017A7403	BL07LSU	和達 大樹	
			2017B3843	BL23SU	和達 大樹	
			2017B3582	BL11XU	和達 大樹	
35688	Yusuke Suwanai	(2015)	2012A6729	BL44XU	藤間 祥子	Crystallographic Study of 3-mercaptopyruvate Sulfurtransferase, 3MST
			2012B6729	BL44XU	藤間 祥子	
			2013A6832	BL44XU	藤間 祥子	
			2014A6933	BL44XU	藤間 祥子	
			2014B6933	BL44XU	藤間 祥子	

博士論文 (Korea University)

35647	Min Kyung Kim	(2017)	2014A6966	BL44XU	Song HyunKyu	Structural and Biochemical Studies of Nta1, Yeast N-terminal Amidase, in the N-end Rule Pathway
			2014B6966	BL44XU	Song HyunKyu	
35648	Byung Gil Lee	(2011)	2011A6686	BL44XU	Song HyunKyu	Structural and Biochemical Study on the Reaction Mechanism of ClpX and ClpP
35649	Kwang Hoon Sung	(2014)	2011A6686	BL44XU	Song HyunKyu	The Structural and Biochemical Studies of Eukaryotic and Prokaryotic HslVU Complex

博士論文 (大阪大学)

35504	Ken-ichi Kosami	(2015)	2014B6909	BL44XU	大木 出	Structural Study of Plant Small G Protein OsRac1
			2013B6807	BL44XU	大木 出	
			2013A1502	BL41XU	大木 出	
35534	Yuta Shimoyama	(2017)	2013A3782	BL22XU	寺崎 英紀	Thermoelastic Properties of Iron-Carbide and Carbonate Melts under High Pressure: Implication for Carbon in the Earth's and Lunar Interiors
			2013B3786	BL22XU	寺崎 英紀	
			2014A3787	BL22XU	寺崎 英紀	
			2014B3785	BL22XU	寺崎 英紀	
			2015A3787	BL22XU	寺崎 英紀	
			2014B1319	BL04B1	寺崎 英紀	
35558	Kensaku Kanada	(2017)	2014B6500	BL44XU	山下 栄樹	Correlation between Structural Stability and Substrate Specificity of DNMT1

博士論文 (東北大学)

35417	Yoji Horii	(2017)	2015B1707	BL02B1	堀井 洋司	Relationship between the Magnetic Interactions and Magnetic Properties in the Lanthanide(III) Phthalocyaninato Multiple-Decker Complexes
35766	Itaru Ohira	(2018)	2016B1726	BL10XU	大平 格	Experimental Study of δ -AlOOH- ϵ -FeOOH-Phase H Solid Solution toward Understanding the Water Transport and Seismic Anomaly in the Earth's Lower Mantle
			2017A1650	BL10XU	大平 格	

博士論文 (National Taiwan University)

35793	Ying Ren Wang	(2015)	2014B4015	BL12B2	Chan Nei Li	Structural Studies of Human Topoisomerase II α in Complexes with DNA and Anticancer Drugs : Development of Selective Topoisomerase II-Targeting Anticancer Drugs
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博士論文 (University of Bristol)

35557	Thomas Millichamp	(2017)	2014B1229	BL08W	Dugdale Stephen	A Bulk Half-metal and an Unexpected Fermi Surface
			2016A1640	BL08W	Millichamp Thomas	

博士論文 (University of Queensland)

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
35483	Arif Salleh	(2016)	2013B1524	BL37XU	野北 和宏	Microstructure Formation in Reinforced Sn-Cu Lead-free Solder Alloys
			2014A1360	BL37XU	安田 秀幸	
			2014A1540	BL20B2	野北 和宏	
			2014A1541	BL20B2	野北 和宏	
			2014A1114	BL20XU	杉山 明	
			2014B1620	BL20XU	野北 和宏	
2015A1675	BL20XU	野北 和宏				

博士論文 (岩手医科大学)

35680	Saori Roppongi	(2018)	2013A6822	BL44XU	阪本 泰光	Structural Biology Study of Bacterial Dipeptidyl Aminopeptidase IV
			2014A6924	BL44XU	阪本 泰光	
			2014B6924	BL44XU	阪本 泰光	
			2015A6521	BL44XU	阪本 泰光	
			2015B6521	BL44XU	阪本 泰光	
			2016A6620	BL44XU	阪本 泰光	
			2016B6620	BL44XU	阪本 泰光	
			2017A6721	BL44XU	阪本 泰光	
2017B6721	BL44XU	阪本 泰光				

博士論文 (愛媛大学)

35407	Takeshi Arimoto	(2017)	2015B1682	BL04B1	有本 岳史	High Pressure and High Temperature Generation using Kawai-type Multianvil Apparatus with Sintered Diamond Anvils and Stability of Fe-rich Bridgmanite up to 60 GPa and 2300 K
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博士論文 (金沢大学)

35400	Yoshihide Saeki	(2017)	2014B3782	BL22XU	石川 和宏	A Study on the Effects of Two-Phase Structure on Hydrogenation Behavior of Nb-based Hydrogen Permeation Alloys
			2015A3782	BL22XU	石川 和宏	

博士論文 (京都大学)

35789	Yasushi Uehara	(2018)	C02A4010	BL16B2	上原 康	X-ray Emission and Absorption Studies on Metal Compounds for Electronic Devices
			C02B4017	BL16B2	上原 康	
			C03B3014	BL16XU	上原 康	
			2005B5131	BL16XU	上原 康	
			2006A5131	BL16XU	上原 康	
			2007A5131	BL16XU	上原 康	
			2008A5130	BL16XU	上原 康	
			2011B5132	BL16XU	上原 康	
			2012B5132	BL16XU	上原 康	
2013B5130	BL16XU	本谷 宗				

博士論文 (総合研究大学院大学)

35433	Setsui Haesuwannakij	(2016)	2015A1134	BL01B1	櫻井 英博	Size and Interfacial Effect on Gold Nanocluster Catalysts
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博士論文 (東京農工大学)

35532	Kazuaki Kisu	(2015)	2014B1059	BL01B1	直井 勝彦	An Electrochemical Study on Novel Nano-Designed Composite Electrode Materials for Safe and High-Performance Lithium Ion Batteries
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課題以外の成果として登録された論文

Nature Communications

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
35316	Shuto Mochizuki	9 (2018) 329		BL40XU	Sequence-Regulated Copolymerization Based on Periodic Covalent Positioning of Monomers along One-Dimensional Nanochannels
35489	Takashi Nakamura	8 (2017) 129	理研	BL26B2	Molecular Recognition by Multiple Metal Coordination Inside Wavy-Staked Macrocycles
35525	D. You	8 (2017) 14277	理研	BL17SU	Charge Transfer to Ground-State Ions Produces Free Electrons

Angewandte Chemie International Edition

35416	Makoto Hirose	57 (2018) 1474-1479	光学系	BL29XU	Visualization of Heterogeneous Oxygen Storage Behavior in Platinum-Supported Cerium-Zirconium Oxide Three-Way Catalyst Particles by Hard X-ray Spectro-Ptychography
35510	Tamas Panda	56 (2017) 2413-2417		BL02B2	Mechanical Alloying of Metal-Organic Frameworks

Journal of Electron Spectroscopy and Related Phenomena

35479	Naohiro Nishida	220 (2017) 96-100	理研	BL17SU	XAS and XES Studies of Carbonate and Bicarbonate Ions in Aqueous Solutions
35520	Atsushi Higashiya	220 (2017) 58-60	理研	BL19LXU	Hole Doping Effect on the Electronic Structure of Layered Oxypnictide LaOMnAs

Journal of Synchrotron Radiation

35238	Shigeki Owada	25 (2018) 282-288	XFEL	BL1	A Soft X-ray Free-Electron Laser Beamline at SACLA: the Light Source, Photon Beamline and Experimental Station
35318	Takashi Hirano	25 (2018) 20-25	理研 XFEL	BL29XU BL3	Performance of a Hard X-ray Split-and-Delay Optical System with a Wavefront Division

Acta Crystallographica Section D

35244	Kazunori Yamada	73 (2017) 757-766	理研	BL26B2	Designing Better Diffracting Crystals of Biotin Carboxyl Carrier Protein from <i>Pyrococcus horikoshii</i> by a Mutation Based on the Crystal-Packing Propensity of Amino Acids
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AIP Advances

35485	Hiroyuki Suzuki	7 (2017) 056208		BL19B2	Metastable Phase YFe ₁₂ Fabricated by Rapid Quenching Method
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AIP Conference Proceedings

35444	Yasuko Terada	1696 (2016) 020023	装置&技術	BL37XU	Progress of Projection Computed Tomography by Upgrading of the Beamline 37XU of SPring-8
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Applied Catalysis B

35470	Sho Kitano	205 (2017) 340-346	理研	BL44B2 BL01B1	Effects of the Structure of the Rh ³⁺ Modifier on Photocatalytic Performances of an Rh ³⁺ /TiO ₂ Photocatalyst under Irradiation of Visible Light
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Bioorganic and Medicinal Chemistry Letters

35506	Noritaka Furuya	27 (2017) 1233-1236		BL41XU	The Juxtamembrane Region of TrkA Kinase is Critical for Inhibitor Selectivity
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Chemistry - A European Journal

35509	Mitsuaki Yamauchi	23 (2017) 5270-5280	理研	BL45XU	Supramolecular Polymerization of Supermacrocycles: Effect of Molecular Conformations on Kinetics and Morphology
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eKNOW

35780	Keiichi Shinbe	(2018) 11-16	その他		Evaluation of Experimental Station Potentials in a Shared Facility: Focus on the Combined Use of Stations
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Journal of Physics and Chemistry of Solids

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
35574	Masayuki Nogami	105 (2017) 54-60		BL33XU	Diffusion and Reaction of H ₂ Gas for Reducing Eu ³⁺ Ions in Glasses

Journal of the American Chemical Society

35577	Ryota Matsuoka	139 (2017) 3145-3152	理研	BL45XU	Crystalline Graphdiyne Nanosheets Produced at a Gas/Liquid or Liquid/Liquid Interface
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JPS Conference Proceedings

35581	Sun-Young Ryu	13 (2017) 020008		BL33LEP	Interference Effect between ϕ and $\Lambda(1520)$ Production Channels in the $\gamma p \rightarrow K^+ K^- p$ Reaction
				BL31LEP	

Nuclear Instruments and Methods in Physics Research Section A

35553	Hiroshi Nakajima	873 (2017) 16-20		BL01B1	Astronomical Imaging with the X-ray Observatory Hitomi
				BL20B2	

Physical Review Letters

35445	Ashish Chainani	119 (2017) 057001	理研	BL17SU	Evidence for Weakly Correlated Oxygen Holes in the Highest- T_c Cuprate Superconductor HgBa ₂ Ca ₂ Cu ₃ O _{8+δ}
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Proceedings of the National Academy of Sciences of the United States of America

35198	Carlos Viol Barbosa	113 (2016) 11148-11151		BL12XU	Transparent Conducting Oxide Induced by Liquid Electrolyte Gating
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Quantum Beam Science

35749	Shinji Kohara	2 (2018) 5	装置&技術	BL04B2	Investigation of Structure and Dynamics in Disordered Materials Using Containerless Techniques with In-Situ Quantum Beam and Thermophysical Property Measurements
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Scientific Reports

35635	Xu Lin	7 (2017) 43098	理研	BL45XU	High-Fidelity Self-Assembly Pathways for Hydrogen-Bonding Molecular Semiconductors
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情報処理学会論文誌 数理モデル化と応用 (IPSJ Transactions on Mathematical Modeling and its Applications, TOM)

35631	Keiichi Shinbe	11 (2018) 1-11	その他		Prediction of the Number of Registered Publications after Experiments in the Shared Utilization Facility
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ニューガラス (New Glass)

35751	Shinji Kohara	33 (2018) 3-7	装置&技術	BL04B2	Unraveling Diffraction from Glass, Liquid, and Amorphous Materials
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