

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 4 月～6 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 4 月～6 月に登録された論文が掲載された主な雑誌と掲載論文数

掲載雑誌	登録論文数	掲載雑誌	登録論文数
Physical Review B	17	Polymer	7
Scientific Reports	14	Journal of Physics: Conference Series	6
Japanese Journal of Applied Physics	9	Journal of Synchrotron Radiation	6
Journal of the American Chemical Society	9	Applied Physics Letters	5
Journal of the Physical Society of Japan	9	Chemical Communications	5
日本結晶学会誌	9	Journal of Applied Physics	5
Nuclear Instruments and Methods in Physics Research Section A	8	Journal of Crystal Growth	5
The Journal of Physical Chemistry C	8	Journal of Electron Spectroscopy and Related Phenomena	5
Nature Communications	7	他全 215 誌、計 424 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

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
33462	Hisato Yabuta	7 (2017) 45842	2014A1537	BL14B2	藪田 久人	Enhancement of Tetragonal Anisotropy and Stabilisation of the Tetragonal Phase by Bi/Mn-double-doping in BaTiO ₃ Ferroelectric Ceramics
			2014B3625	BL14B1	藪田 久人	
			2013B1877	BL14B2	藪田 久人	
			2013B1811	BL19B2	藪田 久人	
33491	W. B. Jiang	5 (2015) 17608	2014B4258	BL12XU	Chen Jin-Ming	Crossover from a Heavy Fermion to Intermediate Valence State in Noncentrosymmetric Yb ₂ Ni ₁₂ (P,As) ₇
			2014B4266	BL12XU	Chen Jin-Ming	
33522	Yutaka Moritomo	7 (2017) 42694	2013B1332	BL02B2	守友 浩	<i>In situ</i> Observation of Macroscopic Phase Separation in Cobalt Hexacyanoferrate Film
			2012A1094	BL02B2	守友 浩	
			2011B1066	BL02B2	守友 浩	
			2011A1418	BL02B2	守友 浩	
33528	Masashi Nakamura	7 (2017) 914	2013B1210	BL13XU	中村 将志	Real-time Observation of Interfacial Ions during Electrocrystallization
			2014A1175	BL13XU	中村 将志	
			2015A1213	BL13XU	中村 将志	
33537	Sayoko Oiki	7 (2017) 1069	2014A1148	BL38B1	橋本 涉	A Bacterial ABC Transporter Enables Import of Mammalian Host Glycosaminoglycans
			2014B1137	BL38B1	橋本 涉	
			2015B2058	BL38B1	橋本 涉	
			2016A2574	BL38B1	橋本 涉	
33578	Michihiro Sugahara	7 (2017) 703	2015A8026	BL3	菅原 道泰	Hydroxyethyl Cellulose Matrix Applied to Serial Crystallography
			2015A8048	BL3	岩田 想	
			2015B8029	BL3	菅原 道泰	
			2015B8042	BL3	岩田 想	
			2015B8046	BL3	中津 亨	
33579	Tetsuya Masuda	7 (2017) 45604	2015A8026	BL3	菅原 道泰	Atomic Resolution Structure of Serine Protease Proteinase K at Ambient Temperature
			2015A8048	BL3	岩田 想	
33598	Yi-Tao Cui	7 (2017) 1482	2014A1774	BL46XU	陰地 宏	Wetting Induced Oxidation of Pt-Based Nano Catalysts Revealed by <i>In Situ</i> High Energy Resolution X-ray Absorption Spectroscopy
			2014B1657	BL14B2	原田 慈久	
			2014B3517	BL11XU	原田 慈久	
			2015A1681	BL46XU	崔 藝濤	
			2015A1691	BL14B2	原田 慈久	
			2015A3517	BL11XU	原田 慈久	
33691	Shota Fujii	7 (2017) 44494	2015A1782	BL40B2	久保 元気	Platonic Micelles: Monodisperse Micelles with Discrete Aggregation Numbers Corresponding to Regular Polyhedra
			2016A1242	BL40B2	櫻井 和朗	
			2014A1268	BL40B2	櫻井 和朗	
			2013B1203	BL40B2	櫻井 和朗	
33751	Jun Okabayashi	7 (2017) 46132	2014B1853	BL39XU	岡林 潤	Induced Perpendicular Magnetization in a Cu Layer Inserted between Co and Pt Layers Revealed by X-ray Magnetic Circular Dichroism
			2015A0117	BL39XU	小野 輝男	
33927	Xiao Miao	6 (2016) 29292	2015A1513	BL10XU	Nguyenn Huyen	Emergence of Superconductivity in (NH ₃) _y M _x MoSe ₂ (M: Li, Na and K)

Polymer-1

33569	Shiki Nojima	116 (2017) 403-411	2014B1776	BL40B2	能島 士貴	Effect of Molecular Mobility of Pro-Ordered Phase on Crystallization in Microphase-Separated Lamellar Morphology of Strongly Segregated Crystalline-Crystalline Diblock Copolymers
			2015A1396	BL40B2	檜垣 勇次	
			2016A1631	BL40B2	能島 士貴	
33570	Yuji Higaki	116 (2017) 458-465	2013A1470	BL40B2	高原 淳	Strain-Induced Molecular Aggregation States around a Crack Tip in a Segmented Polyurethane Film under Uniaxial Stretching
			2013B1440	BL40B2	高原 淳	
			2013A1477	BL40XU	高原 淳	
			2013B1442	BL40XU	高原 淳	
33595	Shinichi Kitade	116 (2017) 395-402	2011A7221	BL03XU	北出 慎一	Oriented Crystallization of Long Chain Branched Polypropylene Induced by Step-Shear Deformation in Pre-Crystallization Regime
			2011B7271	BL03XU	北出 慎一	
			2012A7221	BL03XU	北出 慎一	
			2012B7271	BL03XU	北出 慎一	

Polymer-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
33600	Makoto Miyazaki	115 (2017) 246-254	2015A1783	BL40B2	前田 知貴	PEG-Based Nanocomposite Hydrogel: Thermoresponsive Sol-Gel Transition Controlled by PLGA-PEG-PLGA Molecular Weight and Solute Concentration
			2016B1301	BL40B2	前田 知貴	
33841	Shuhei Nozaki	116 (2017) 423-428	2012B1506	BL40XU	小椎尾 謙	Effect of Chain Architecture of Polyol with Secondary Hydroxyl Group on Aggregation Structure and Mechanical Properties of Polyurethane Elastomer
			2013B1186	BL40XU	小椎尾 謙	
			2014B1198	BL40XU	小椎尾 謙	
			2014B7266	BL03XU	三田 一樹	
			2015A1514	BL40XU	小椎尾 謙	
			2015A7216	BL03XU	三田 一樹	
			2015B7267	BL03XU	三田 一樹	
2016A7217	BL03XU	三田 一樹				
2016B7266	BL03XU	三田 一樹				
33996	Ren Tomisawa	116 (2017) 357-366	2014B7263	BL03XU	中田 克	Effect of Draw Ratio on Fiber Structure Development of Polyethylene Terephthalate
33997	Ren Tomisawa	116 (2017) 367-377	2014B7263	BL03XU	中田 克	Effect of Melt Spinning Conditions on the Fiber Structure Development of Polyethylene Terephthalate

Journal of Physics: Conference Series

33488	Yusuke Hatakeyama	809 (2017) 012007	2014A4907	BL15XU	藤田 伸尚	Atomic Structure of the Primitive Cubic Phase P ₄₀ in the Al-Pd-Ru System
			2016A4900	BL15XU	藤田 伸尚	
			2015A4901	BL15XU	藤田 伸尚	
33495	Yiu Wing Cheung	807 (2017) 032002	2015B1294	BL35XU	Goh Swee	Second-order Structural Transition in (Ca _{0.5} Sr _{0.5}) ₃ Rh ₄ Sn ₁₃
			2016A1160	BL35XU	Goh Swee	
			2013B1095	BL35XU	Goh Swee	
33830	Takuya Tsuji	430 (2013) 012019	2011A2060	BL01B1	宇留賀 朋哉	Development of Fast Scanning Microscopic XAFS Measurement System
			2011B1889	BL39XU	唯 美津木	
			2011B2100	BL01B1	宇留賀 朋哉	
33917	Simon Stellmer	723 (2016) 012059	2014A1334	BL09XU	吉村 浩司	Towards a Measurement of the Nuclear Clock Transition in ²²⁹ Th
33974	Oki Sekizawa	849 (2017) 012022	2014A7821	BL36XU	唯 美津木	In-situ X-ray Nano-CT System for Polymer Electrolyte Fuel Cells under Operating Conditions
			2014B7821	BL36XU	唯 美津木	
			2015A7840	BL36XU	岩澤 康裕	
			2015B7840	BL36XU	岩澤 康裕	
33988	Akihisa Takeuchi	849 (2017) 012055	2014B1153	BL20XU	竹内 晃久	Improvement of Quantitative Performance of Imaging X-ray Microscope by Reduction of Edge-Enhancement Effect
			2014B1464	BL47XU	竹内 晃久	
			2016A1359	BL20XU	竹内 晃久	

Nature Communications-1

33464	Reiya Taniguchi	6 (2015) 8545	2014B1138	BL32XU	石谷 隆一郎	Outward- and Inward-Facing Structures of a Putative Bacterial Transition-Metal Transporter with Homology to Ferroporin
			2014A1061	BL32XU	服部 素之	
			2014A1093	BL32XU	瀧木 理	
			2014A1116	BL32XU	西澤 知宏	
			2014B1208	BL32XU	瀧木 理	
			2014B1494	BL32XU	西澤 知宏	
33477	Ben Leshem	7 (2016) 10820	2013B8014	BL3	Miao Jianwei	Direct Single-Shot Phase Retrieval from the Diffraction Pattern of Separated Objects
33768	Takaaki Hatanaka	8 (2017) 15670	2014B7026	BL33XU	野中 敬正	Rationally Designed Mineralization for Selective Recovery of the Rare Earth Elements
33822	Yohei Onodera	8 (2017) 15449	2013A1412	BL01B1	正井 博和	Formation of Metallic Cation-Oxygen Network for Anomalous Thermal Expansion Coefficients in Binary Phosphate Glass
			2014A1134	BL04B2	正井 博和	
			2015A1311	BL27SU	正井 博和	
			2016A0130	BL01B1	小原 真司	
			2016A0130	BL04B2	小原 真司	
33831	Nipawan Nuemket	8 (2017) 15530	2013A1162	BL38B1	山下 敦子	Structural Basis for Perception of Diverse Chemical Substances by T1r Taste Receptors
			2013B1113	BL41XU	山下 敦子	
			2014A1085	BL41XU	山下 敦子	
			2014A1859	BL26B2	山下 敦子	
			2014B1147	BL41XU	山下 敦子	
			2014B2021	BL26B1	山下 敦子	
			2015A1074	BL41XU	山下 敦子	
			2016A2534	BL41XU	山下 敦子	

Nature Communications-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
33962	Shinji Miwa	8 (2017) 15848	2014B1007	BL39XU	鈴木 義茂	Voltage Controlled Interfacial Magnetism through Platinum Orbits
			2015A1003	BL39XU	鈴木 義茂	
			2015A1572	BL25SU	鈴木 義茂	
			2014A0079	BL25SU	白土 優	
			2015B1020	BL39XU	鈴木 義茂	
			2015B1250	BL39XU	鈴木 基寛	
			2016A1122	BL39XU	鈴木 義茂	
2016A1314	BL39XU	鈴木 基寛				
2016B1017	BL39XU	鈴木 義茂				

Physical Review B

33418	Jonathan Pelliciani	95 (2017) 115152	2014A3502	BL11XU	石井 賢司	Local and Collective Magnetism of EuFe ₂ As ₂
			2014B3502	BL11XU	石井 賢司	
33490	C. Y. Guo	91 (2015) 214512	2014A4251	BL12XU	Chen Jin-Ming	Evidence for Two Distinct Superconducting Phases in EuBiS ₂ F under Pressure
33735	Yi-Tao Cui	78 (2008) 205113	2005B3811	BL23SU	木村 昭夫	Chemical Potential Shift of Fe _{3-x} V _x Si Studied by Hard X-ray Photoemission
			理研	BL29XU		
33823	Yanna Chen	95 (2017) 245301	2014B4900	BL15XU	吉本 護	Lattice Distortion and Electronic Structure of Magnesium-doped Nickel Oxide Epitaxial Thin Films
			2016B4901	BL15XU	松田 晃史	
			2016B4906	BL15XU	松田 晃史	
			2016B1029	BL01B1	坂田 修身	
2016B1030	BL27SU	坂田 修身				
33925	Ji Soo Lim	94 (2016) 035123	2013A1028	BL25SU	Seidel Jan	Electric-Field-Induced Insulator to Coulomb Glass Transition via Oxygen-Vacancy Migration in Ca-Doped BiFeO ₃
			2013B1079	BL25SU	Seidel Jan	
33958	Takashi Kikkawa	95 (2017) 214416	2014A1204	BL39XU	齊藤 英治	Detection of Induced Paramagnetic Moments in Pt on Y ₃ Fe ₅ O ₁₂ via X-ray Magnetic Circular Dichroism
			2015A1457	BL39XU	齊藤 英治	
			2013B1910	BL39XU	鈴木 基寛	
			2015A1178	BL39XU	内田 健一	

Chemical Communications

33587	Vellanki Lakshmi	53 (2017) 3834-3837	2015A0114	BL40B2	高谷 光	Dimension-Controlled Assemblies of Anion-Responsive π-electronic Systems Bearing Aryl Substituents with Fan-Shaped Geometries
			2016A1360	BL40B2	前田 大光	
			2016B1311	BL40B2	山門 陵平	
			2016B1498	BL02B1	羽毛田 洋平	
33720	Nozomi Mihara	53 (2017) 2230-2232	2014B1175	BL02B1	山田 泰之	Electronic Perturbation of Supramolecular Conjugates of Porphyrins and Phthalocyanines
			2015B1244	BL02B1	山田 泰之	
33722	Yu Su	53 (2017) 3826-3829	2015B4504	BL15XU	辻本 吉廣	A Layered Wide-Gap Oxihalide Semiconductor with an Infinite ZnO ₂ Square Planar Sheet: Sr ₂ ZnO ₂ Cl ₂
33858	Yohei Uemura	53 (2017) 7314-7317	2016B8007	BL3	朝倉 清高	Capturing Local Structure Modulations of Photoexcited BiVO ₄ by Ultrafast Transient XAFS
33937	Keichi Imatou	52 (2016) 10482-10485	2014A1249	BL40B2	高原 淳	Repeatable Mechanochemical Activation of Dynamic Covalent Bonds in Thermoplastic Elastomers

Journal of Crystal Growth

33676	Masashi Ohmori	445 (2016) 9-14	2015A1776	BL38B1	宮野 哲也	Single Crystal Growth and X-ray Structure Analysis of Non-Peripheral Octahexyl Phthalocyanine
33723	Kohei Suda	468 (2017) 605-609	2015B1925	BL19B2	小椋 厚志	Role of H ₂ Supply for Sn Incorporations in MOCVD Ge _{1-x} Sn _x Epitaxial Growth
			2016A1529	BL19B2	小椋 厚志	
			2016A1780	BL19B2	須田 耕平	
33741	Takeshi Watanabe	468 (2017) 816-820	2010A1875	BL19B2	吉本 則之	The Effect of Air Exposure on the Crystal Structure of Oligo-Thiophene Thin Films Investigated using <i>in situ</i> X-ray Diffraction
			2011A1843	BL19B2	小金澤 智之	
33869	Takuo Sasaki	468 (2017) 135-138	2014A3503	BL11XU	佐々木 拓生	Influence of Indium Supply on Au-catalyzed InGaAs Nanowire Growth Studied by <i>in situ</i> X-ray Diffraction
33882	Ryota Deki	468 (2017) 241-244	2014A3503	BL11XU	佐々木 拓生	Strain Relaxation and Compositional Separation during Growth of InGaAs/GaAs(001)
			2014B3503	BL11XU	佐々木 拓生	

Journal of the Physical Society of Japan-1

33459	Shunsuke Tsuda	86 (2017) 053702	2013A4602	BL15XU	津田 俊輔	Hybridization Effect in BaFe ₂ (As _{1-x} P _x) ₂ Observed by Hard X-ray Photoemission Spectroscopy
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Journal of the Physical Society of Japan-2

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
33695	Hiromasa Yasumura	86 (2017) 054706	2012A1231	BL25SU	中村 哲也	40 T Soft X-ray Spectroscopies on Magnetic-Field-Induced Valence Transition in Eu(Rh _{1-x} Ir _x) ₂ Si ₂ (x = 0.3)
			2012A1848	BL25SU	中村 哲也	
			2013A1255	BL25SU	中村 哲也	
			2014B1531	BL25SU	中村 哲也	
			2015B1352	BL25SU	中村 哲也	
33818	Kazuo Soda	86 (2017) 064804	2014A1160	BL47XU	曾田 一雄	Microbeam Hard X-ray Photoemission Study on Platinum-Group Metal Pnictides
			2014B1112	BL47XU	曾田 一雄	
33905	Kohei Yamagami	86 (2017) 074801	2014B1299	BL27SU	関山 明	Local 3d Electronic Structures of Co-Based Complexes with Medicinal Molecules Probed by Soft X-ray Absorption
33955	Takeshi Seki	86 (2017) 074710	2016A1751	BL46XU	関 剛斎	Magnetic Anisotropy and Damping for Monolayer-Controlled Co Ni Epitaxial Multilayer
			2016B1571	BL46XU	関 剛斎	

Japanese Journal of Applied Physics

33670	Takuya Tsukahara	56 (2017) 060304	2016A1123	BL25SU	鈴木 義茂	Characterization of the Magnetic Moments of Ultrathin Fe Film in an External Electric Field via High-Precision X-ray Magnetic Circular Dichroism Spectroscopy
			2016A0079	BL25SU	白土 優	
			2016A1858	BL25SU	小谷 佳範	
			2016B1016	BL25SU	鈴木 義茂	
33719	Mina Sakuragi	56 (2017) 055002	2015B1708	BL40B2	荒井 泰史	Structural and Biological Characterization of Fe ₃ O ₄ -Loaded Spherical and Tubular Liposomes for Use in Drug Delivery Systems
			2014A1268	BL40B2	櫻井 和朗	
33932	Masashi Kurosawa	55 (2016) 08NB07	2014A0109	BL47XU	宮崎 誠一	Surface-Segregated Si and Ge Ultrathin Films Formed by Ag-Induced Layer Exchange Process
33990	Kazuma Takeuchi	55 (2016) 091301	2014B1613	BL19B2	小椋 厚志	Biaxial Stress Evaluation in GeSn Film Epitaxially Grown on Ge Substrate by Oil-Immersion Raman Spectroscopy
			2014B1892	BL46XU	小椋 厚志	
			2015A1971	BL19B2	小椋 厚志	
			2015B1925	BL19B2	小椋 厚志	
			2016A1529	BL19B2	小椋 厚志	

Journal of the American Chemical Society

33434	Yuki Sakai	139 (2017) 4574-4581	2015A4909	BL15XU	東 正樹	A-Site and B-Site Charge Orderings in an s-d Level Controlled Perovskite Oxide PbCoO ₃
			2015B4905	BL15XU	東 正樹	
			2015B1730	BL02B2	松田 奈瑠美	
			2016A1641	BL02B2	西久保 匠	
			2016A4908	BL15XU	東 正樹	
			2016A1356	BL02B2	酒井 雄樹	
33585	Kiyong Park	139 (2017) 7062-7070	2013B0105	BL09XU	Solomon Edward	Peroxide Activation for Electrophilic Reactivity by the Binuclear Non-Heme Iron Enzyme AurF
33940	Kazuaki Kawashima	138 (2016) 10265-10275	2014B1915	BL46XU	尾坂 格	Implication of Fluorine Atom on Electronic Properties, Ordering Structures, and Photovoltaic Performance in Naphthobisthiadiazole-Based Semiconducting Polymers
			2015B1904	BL46XU	尾坂 格	
33951	Yuji Yamaguchi	138 (2016) 11335-11343	2015B1769	BL19B2	高橋 功太郎	Terazulene Isomers: Polarity Change of OFETs through Molecular Orbital Distribution Contrast

Applied Physics Express

33519	Yutaka Moritomo	10 (2017) 051101	2016B1887	BL14B2	赤間 翔太	Local Distortion around the Guest Ion in Perovskite Oxides
33732	Motohiro Suzuki	10 (2017) 063006	2015B1250	BL39XU	鈴木 基寛	Extended X-ray Absorption Fine Structure Analysis of Voltage-Induced Effects in the Interfacial Atomic Structure of Fe/Pt/MgO
			2015B1989	BL39XU	鈴木 基寛	
			2016A1122	BL39XU	鈴木 義茂	
			2016A1314	BL39XU	鈴木 基寛	
33961	Sanghoon Kim	10 (2017) 073006	2015A0117	BL25SU	小野 輝男	Contributions of Co and Fe Orbitals to Perpendicular Magnetic Anisotropy of MgO/CoFeB Bilayers with Ta, W, IrMn, and Ti Underlayers

Chemistry - A European Journal

33589	Ryohei Yamakado	23 (2017) 4160-4168	2015A0114	BL40XU	高谷 光	Cooperatively Interlocked [2+1]-Type π-System-Anion Complexes
33675	Tetsuya Miyano	22 (2016) 15430-15436	2014A1648	BL38B1	宮野 哲也	A Structurally Variable Porous Organic Salt Based on a Multidirectional Supramolecular Cluster
			2015A1776	BL38B1	宮野 哲也	
33709	Nobuhiro Ishito	21 (2015) 15564-15569	2014B1643	BL14B2	前川 佳史	Ruthenium-Immobilized Periodic Mesoporous Organosilica: Synthesis, Characterization, and Catalytic Application for Selective Oxidation of Alkanes
			2014A1584	BL14B2	原 賢二	
			2013B1833	BL14B2	原 賢二	

Chemistry - An Asian Journal

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
33597	Yoshifumi Sasano	11 (2016) 3423-3429	2015A0114	BL40XU	高谷 光	Negatively Charged π -Electronic Systems by Deprotonation of Hydroxy-Substituted Dipyrrolyldiketone Boron Complexes
33645	Yongmei Wu	12 (2017) 860-867	2016A1057	BL01B1	桑原 泰隆	Palladium Nanoparticles Supported on Titanium Doped Graphitic Carbon Nitride for Formic Acid Dehydrogenation
			2016A1095	BL01B1	森 浩亮	
33844	Yohei Haketa	11 (2016) 2025-2029	2014A1313	BL40B2	坂東 勇哉	Ion-Free and Ion-Pairing Assemblies of Anion-Responsive π -Electronic Systems Possessing Directly Linked Alkyl Chains

Chemistry Letters

33576	Koh Sugamata	46 (2017) 837-839	2015B1074	BL40XU	笹森 貴裕	Synthesis, Structure, and Thermolysis of Tris(dimethylphenylsilyl)methyl Sulfonyl Chloride
33674	Tetsuya Miyano	46 (2017) 225-227	2014A1648	BL38B1	宮野 哲也	A New Strategy to Construct Functional Porous Crystals by Mixed Crystallization through Charge-transfer Interactions
			2015A1776	BL38B1	宮野 哲也	
33872	Hikaru Takaya	46 (2017) 665-668	2014A1362	BL40XU	磯崎 勝弘	Synthesis and Structural Analysis of Ruthenium-bound Norvaline Peptides
			2015A0114	BL02B1	高谷 光	
			2015A1388	BL40XU	高谷 光	

The Journal of Physical Chemistry C

33424	Frederico G. Alabarse	121 (2017) 6852-6863	2013A1084	BL04B2	Haines Julien	Anomalous Compressibility and Amorphization in $\text{AlPO}_4\text{-17}$, the Oxide with the Highest Negative Thermal Expansion
33643	Satoshi Hinokuma	121 (2017) 4188-4196	2015B1463	BL01B1	日隈 聡士	Local Structures and Catalytic Ammonia Combustion Properties of Copper Oxides and Silver Supported on Aluminum Oxides
33906	Akira Yoko	121 (2017) 12220-12229	2015B1705	BL02B2	横 哲	A-Site Cation Bulk and Surface Diffusion in A-Site-Deficient BaZrO_3 and SrZrO_3 Perovskites

Journal of Physics: Condensed Matter

33672	Ichiro Terasaki	29 (2017) 235802	2012B1674	BL43IR	浅井 晋一郎	Optical Evidence for the Spin-State Disorder in $\text{LaCo}_{1-x}\text{Rh}_x\text{O}_3$
33713	Hiroshi Fukui	29 (2017) 245401	2010B1206	BL35XU	福井 宏之	Pressure Dependence of Transverse Acoustic Phonon Energy in Ferropentacite across the Spin Transition
			2011A1452	BL35XU	福井 宏之	
			2011B1536	BL35XU	福井 宏之	
			2012A1452	BL35XU	福井 宏之	
33874	Awabaikeli Rousuli	29 (2017) 265601	2014A4800	BL15XU	佐藤 仁	Hard X-ray Photoemission Study of $\text{Yb}_{1-x}\text{Zr}_x\text{B}_{12}$: The Effects of Electron Doping on the Kondo Insulator YbB_{12}
			2014A4901	BL15XU	三村 功次郎	
			2014B4800	BL15XU	佐藤 仁	
			2014B4902	BL15XU	三村 功次郎	
			2015A4800	BL15XU	佐藤 仁	
			2015A4906	BL15XU	三村 功次郎	
			2015B4801	BL15XU	佐藤 仁	
			2015B4908	BL15XU	三村 功次郎	

Langmuir

33798	Shiho Yada	33 (2017) 3794-3801	2014B1767	BL40B2	矢田 詩歩	Adsorption and Aggregation Properties of Homogeneous Polyoxypropylene-Polyoxyethylene Alkyl Ether Type Nonionic Surfactants
			2015A1987	BL19B2	矢田 詩歩	
33838	Yan Li	33 (2017) 5491-5498	2015B1674	BL40B2	高橋 倫太郎	Complexation of a Globular Protein, β -Lactoglobulin, with an Anionic Surfactant in Aqueous Solution
			2016A1053	BL40B2	寺尾 憲	
33922	Shunsuke Sakamoto	32 (2016) 12434-12441	2014A1268	BL40B2	櫻井 和朗	Supramolecular Chirality: Vesicle-to-Chiral Helix Transition of the Micelles Consisting of a Sugar-Bearing Calix[4]arene Surfactant
			2013B1203	BL40B2	櫻井 和朗	
			2013A1564	BL40B2	櫻井 和朗	

Macromolecules-1

33617	Akifumi Matsushita	48 (2015) 1813-1823	2014A1423	BL40B2	岡本 茂	BCC Grain Formation Triggered by Miscibility Jump on Temperature Drop
			2014B1515	BL40B2	岡本 茂	
			2013B1689	BL40B2	松下 明史	
			2012B1476	BL40B2	岡本 茂	
			2011B1502	BL40B2	岡本 茂	
33729	XinYue Jiang	50 (2017) 3979-3984	2014B1087	BL40B2	寺尾 憲	Chain Dimensions and Stiffness of Cellulosic and Amylosic Chains in an Ionic Liquid: Cellulose, Amylose, and an Amylose Carbamate in BmimCl
			2015A1179	BL40B2	寺尾 憲	
			2015B1100	BL40B2	寺尾 憲	
			2015B1674	BL40B2	高橋 倫太郎	
			2016A1053	BL40B2	寺尾 憲	

Macromolecules-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
33730	Akiyuki Ryoki	50 (2017) 4000-4006	2012B1452	BL40B2	中村 洋	Topology-Dependent Chain Stiffness and Local Helical Structure of Cyclic Amylose Tris(3,5-dimethylphenylcarbamate) in Solution
			2013A1046	BL40B2	寺尾 憲	
			2015A1179	BL40B2	寺尾 憲	

Molecular Crystals and Liquid Crystals

33742	Takeshi Watanabe	636 (2016) 168-175	2011A0036	BL19B2	吉本 則之	A New Instrumentation for <i>in situ</i> Characterization of the Charge Transport and Crystallographic Properties in Co-evaporated Organic Thin Film Transistor
33985	Takuya Suzuki	648 (2017) 29-34	2013B3326	BL08B2	鈴木 拓也	Structural Evolution during Drying Process in Lyotropic Chromonic Liquid Crystal
			2014B3326	BL08B2	鈴木 拓也	
33986	Takuya Suzuki	648 (2017) 162-167	2014B3326	BL08B2	鈴木 拓也	Direct Structural Observation of the Alignment and Elongation in Lyotropic Chromonic Liquid Crystals under Shear Flow
			2015B3326	BL08B2	鈴木 拓也	

Physical Chemistry Chemical Physics

33620	Kei Hashimoto	19 (2017) 8194-8200	2014B1411	BL04B2	藤井 健太	Effect of Protonation on the Solvation Structure of Solute <i>N</i> -butylamine in an Aprotic Ionic Liquid
			2015B1429	BL04B2	藤井 健太	
			2013B1375	BL04B2	藤井 健太	
33857	Tsukasa Takanashi	(2017) online published 2 May 2017	2012B8045	BL3	上田 潔	Ultrafast Coulomb Explosion of a Diiodomethane Molecule Induced by an X-ray Free-Electron Laser Pulse
33992	Daisuke Asakura	19 (2017) 16507-16511	2014A1299	BL27SU	朝倉 大輔	Investigation of the Relationship between the Cycle Performance and the Electronic Structure in $\text{LiAl}_x\text{Mn}_{2-x}\text{O}_4$ ($x=0$ and 0.2) using Soft X-ray Spectroscopy
			2014B1353	BL27SU	朝倉 大輔	
			2015A1365	BL27SU	朝倉 大輔	
			2014A1518	BL19B2	細野 英司	

Transactions of the Materials Research Society of Japan

33550	Tomoaki Nakai	41 (2016) 251-254	2015A3620	BL14B1	小舟 正文	Piezoelectric Properties and Local Structure Analysis of $(\text{Na}_{0.5}\text{K}_{0.45}\text{Li}_{0.05})\text{NbO}_3$ Solid Solutions by Malic Acid Complex Solution Method
33628	Yasuhiro Yoneda	42 (2017) 23-26	2015B3608	BL14B1	米田 安宏	Local Structure Analysis of ZrN, and $\text{Dy}_{0.5}\text{Zr}_{0.5}\text{N}$ Surrogate Materials for Fast Reactor Nitride Fuel
			2016A3607	BL14B1	米田 安宏	
			2016B3607	BL14B1	米田 安宏	
33629	Eri Takada	42 (2017) 27-30	2015A3620	BL14B1	小舟 正文	Piezoelectric Properties and Local Structure Analysis of $(1-x)(\text{Na}_{0.50}\text{K}_{0.45}\text{Li}_{0.05})\text{NbO}_3-x(\text{Ba}_{0.85}\text{Ca}_{0.15})(\text{Zr}_{0.10}\text{Tl}_{0.90})\text{O}_3$ Solid Solutions Produced by Malic Acid Complex Solution Method
			2016A3607	BL14B1	米田 安宏	

Acta Crystallographica Section F

33876	Kenichi Harada	72 (2016) 480-484	2015A6500	BL44XU	山下 栄樹	Plant-Specific DUF1110 Protein from <i>Oryza sativa</i> : Expression, Purification and Crystallization
33907	Tsukasa Kusakizako	72 (2016) 552-557	2012B1146	BL32XU	塚崎 智也	LCP Crystallization and X-ray Diffraction Analysis of VcmN, a MATE Transporter from <i>Vibrio cholerae</i>
			2013A1128	BL32XU	塚崎 智也	
			2013A1168	BL32XU	瀧木 理	
			2014A1061	BL32XU	服部 素之	
			2014A1116	BL32XU	西澤 知宏	

Acta Materialia

33642	Tokujiro Yamamoto	131 (2017) 534-542	2016A1275	BL13XU	山本 篤史郎	Local Atomic Structure Near an Nb Atom in Aged β -Ti Alloys
			2016B1295	BL13XU	山本 篤史郎	
			2015B1081	BL13XU	山本 篤史郎	
			2010B1101	BL39XU	山本 篤史郎	
33809	Hiroyuki Toda	126 (2017) 401-412	2012B1629	BL20XU	東 昌史	Damage Micromechanisms in Dual-Phase Steel Investigated with Combined Phase- and Adsorption-Contrast Tomography
			2014B1681	BL20XU	鶴田 秀樹	
			2015A0076	BL20XU	戸田 裕之	

Applied Physics Letters-1

33536	Kou Takubo	110 (2017) 162401	2016A7504	BL07LSU	田久保 耕	Capturing Ultrafast Magnetic Dynamics by Time-Resolved Soft X-ray Magnetic Circular Dichroism
			2016A7403	BL07LSU	和達 大樹	
			2016B7403	BL07LSU	和達 大樹	
			2016B7518	BL07LSU	平田 靖透	

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
33978	Takaaki Nakashima	110 (2017) 122902	2012A1309	BL13XU	舟窪 浩	Effect of In-Plane Tensile Strain in (100)/(001)-oriented Epitaxial PbTiO ₃ Films on Their Phase Transition Temperature and Tetragonal Distortion
			2009A1356	BL13XU	舟窪 浩	
			2016B1717	BL13XU	一ノ瀬 大地	
			2012B4904	BL15XU	舟窪 浩	
			2014B4909	BL15XU	舟窪 浩	

Applied Sciences

33862	Edwin Kukkk	7 (2017) 531	2015B8057	BL3	上田 潔	Molecular Dynamics of XFEL-Induced Photo-Dissociation, Revealed by Ion-Ion Coincidence Measurements
33980	Yuichi Inubushi	7 (2017) 584	2015A8009	BL3	犬伏 雄一	Measurement of the X-ray Spectrum of a Free Electron Laser with a Wide-Range High-Resolution Single-Shot Spectrometer
			2015B8005	BL3	犬伏 雄一	
			2015B8013	BL3	山内 和人	

Batteries

33520	Hideharu Niwa	3 (2017) 5	2016A1046	BL13XU	守友 浩	Domain Size of Phase-Separated Na _x CoO ₂ as Investigated by X-Ray Microdiffraction
33521	Takayuki Shibata	3 (2017) 7	2015B1077	BL02B2	守友 浩	Low Voltage Charge/Discharge Behavior of Manganese Hexacyanoferrate
			2015B1076	BL01B1	守友 浩	

Biochemistry

33479	Edward Solomon	55 (2016) 6363-6374	2013B0105	BL09XU	Solomon Edward	O ₂ Activation by Non-Heme Iron Enzymes
33630	Hiroyuki Taguchi	56 (2017) 2184-2196	2012B1048	BL41XU	胡桃坂 仁志	Crystal Structure and Characterization of Novel Human Histone H3 Variants, H3.6, H3.7, and H3.8

Chemical Physics Letters

33420	Masato Ara	627 (2015) 87-89	2011B7422	BL07LSU	夢田 博一	Growth of Crystalline Silicon Nanotubes under Hydrothermal Condition
33712	Koji Yoshida	680 (2017) 1-5	2013A1064	BL35XU	吉田 亨次	Inelastic X-ray Scattering on Liquid Benzene Analyzed using a Generalized Langevin Equation

Chemistry of Materials

33514	Takao Gunji	29 (2017) 2906-2913	2016A1668	BL47XU	郡司 貴雄	Enhanced Electrocatalytic Activity of Carbon-Supported Ordered Intermetallic Palladium-Lead (Pd ₃ Pb) Nanoparticles toward Electrooxidation of Formic Acid
33936	Satoshi Toyoda	28 (2016) 5784-5790	2013B7402	BL07LSU	堀場 弘司	Ligand-Driven Controlling of Covalency and Metallicity in a Ruthenium Two-Dimensional System

ChemSusChem

33678	Takashi Nakamura	10 (2017) 2008-2014	2014B1396	BL27SU	雨澤 浩史	Operando Soft X-ray Absorption Spectroscopic Study on a Solid Oxide Fuel Cell Cathode during Electrochemical Oxygen Reduction
			2014A1452	BL27SU	雨澤 浩史	
			2013B1487	BL27SU	雨澤 浩史	
			2015A1536	BL37XU	雨澤 浩史	
33901	Sviatlana Siankevich	9 (2016) 2089-2096	2014B1029	BL01B1	朝倉 博行	Direct Conversion of Mono- and Polysaccharides into 5-Hydroxymethylfurfural Using Ionic-Liquid Mixtures

Crystal Growth & Design

33559	Manas K. Panda	17 (2017) 1759-1765	2014B1461	BL43IR	Panda Manas	Flexibility in a Molecular Crystal Accomplished by Structural Modulation of Carbohydrate Epimers
			2015A1598	BL43IR	Panda Manas	
33840	Lorraine A. Malaspina	17 (2017) 3812-3825	2014A1078	BL02B1	Grabowsky Simon	Predicting the Position of the Hydrogen Atom in the Short Intramolecular Hydrogen Bond of the Hydrogen Maleate Anion from Geometric Correlations
			2013B1056	BL02B1	Grabowsky Simon	

Dalton Transactions

33744	Atsushi Kondo	46 (2017) 6762-6768	2015B1792	BL02B2	近藤 篤	Liquid/Vapor-Induced Reversible Dynamic Structural Transformation of a Three-Dimensional Cu-Based MOF to a One-Dimensional MOF Showing Gate Adsorption
			2016A1181	BL02B2	近藤 篤	
			2016B1066	BL02B2	近藤 篤	
33766	Toshio Nishino	45 (2016) 3831-3837	2013B1422	BL38B1	山田 泰之	Kinetically "Locked" Metallomacrocyclic
			2014B1175	BL02B1	山田 泰之	

ECS 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
33603	Tomoyuki Suwa	75 (2016) 207-214	2016A5130	BL16XU	田中 政幸	Oxidizing Species Dependence of the Interface Reaction during Atomic-Layer-Deposition Process and Post-Deposition-Anneal
33839	Koji Amezawa	77 (2017) 41-47	2014B1302	BL37XU	雨澤 浩史	Triple Phase Boundary Reaction in a Mixed-Conducting SOFC Cathode
			2015A1527	BL37XU	雨澤 浩史	

European Journal of Inorganic Chemistry

33492	Daria Mikhailova	2017 (2017) 587-595	2014B4129	BL12B2	Chen Jin-Ming	Charge Transfer and Structural Anomaly in Stoichiometric Layered Perovskite $\text{Sr}_2\text{Co}_{0.5}\text{Ir}_{0.5}\text{O}_4$
			2014B4139	BL12B2	Chen Jin-Ming	
33896	Michihisa Murata	2016 (2016) 3228-3232	2014B1556	BL38B1	若宮 淳志	Efficient Synthesis of One- and Two-Dimensional Multimetallic Gold-Bis(dithiolene) Complexes
			2015B1074	BL40XU	笹森 貴裕	

Fuel

33555	Keisuke Komada	181 (2016) 964-972	2014B0111	BL40XU	文 石洙	Transient Needle Motion of an Outwardly Opening GDI Injector and its Effects on Initial Spray Formation
33556	Tianyun Li	190 (2017) 292-302	2014B0111	BL40XU	文 石洙	A Comprehensive Study on the Factors Affecting Near-Nozzle Spray Dynamics of Multi-Hole GDI Injectors

Inorganic Chemistry

33426	Haichuan Guo	56 (2017) 3695-3701	2015B1757	BL02B2	郭 海川	Two Charge Ordering Patterns in the Topochemically Synthesized Layer-Structured Perovskite $\text{LaCa}_2\text{Fe}_3\text{O}_9$ with Unusually High Valence $\text{Fe}^{3.67+}$
33468	Leland B. Gee	55 (2016) 6866-6872	2014A1384	BL09XU	Lauterbach Lars	Synchrotron-based Nickel Mössbauer Spectroscopy
			2014B1047	BL09XU	Lauterbach Lars	
			2015B1175	BL19LXU	Lauterbach Lars	
			2013B0103	BL09XU	Cramer Stephen	

International Journal of Biological Macromolecules

33511	Paavo Penttila	102 (2017) 111-118	2015B1096	BL40B2	Penttila Paavo	Fibrillar Assembly of Bacterial Cellulose in the Presence of Wood-based Hemicelluloses
33594	Yusui Sato	91 (2016) 151-157	2012B1199	BL40XU	織田 昌幸	Structural Dynamics of a Single-Chain Fv Antibody against (4-hydroxy-3-nitrophenyl)acetyl
			2013A1883	BL40XU	関口 博史	
			2013A1171	BL40XU	織田 昌幸	
			2014A1153	BL40XU	織田 昌幸	

International Journal of Hydrogen Energy

33805	Shigekazu Yasuoka	42 (2017) 11574-11583	2014A1549	BL19B2	土井 修一	Function of Aluminum in Crystal Structure of Rare Earth-Mg-Ni Hydrogen-Absorbing Alloy and Deterioration Mechanism of $\text{Nd}_{0.9}\text{Mg}_{0.1}\text{Ni}_{3.5}$ and $\text{Nd}_{0.9}\text{Mg}_{0.1}\text{Ni}_{3.3}\text{Al}_{0.2}$ Alloys
			2014A1808	BL19B2	土井 修一	
			2014B1902	BL19B2	土井 修一	
			2015A1960	BL19B2	土井 修一	
33983	Tatsuo Noritake	42 (2017) 16667-16674	2013B3781	BL22XU	則竹 達夫	Hysteresis Phenomena on the Crystal Lattice of $\text{Ti}_{0.8}\text{Zr}_{0.2}\text{Mn}_{1.5}$ in the Hydrogenation and Dehydrogenation Process

Journal of Applied Physics

33639	M. Kobayashi	105 (2009) 122403	2007A3832	BL23SU	藤森 淳	Experimental Observation of Bulk Band Dispersions in the Oxide Semiconductor ZnO using Soft X-ray Angle-Resolved Photoemission Spectroscopy
			2007B3825	BL23SU	藤森 淳	
33895	Yi-Tao Cui	121 (2017) 225307	2011B2085	BL46XU	崔 藝濤	Thickness and Structure of Thin Films Determined by Background Analysis in Hard X-ray Photoelectron Spectroscopy
			2012A1358	BL46XU	崔 藝濤	
			2012A1749	BL46XU	崔 藝濤	
			2012B1244	BL46XU	崔 藝濤	
			2013A1400	BL46XU	崔 藝濤	
			2013B1528	BL46XU	崔 藝濤	
			2013B1893	BL46XU	崔 藝濤	
			2014A1774	BL46XU	陰地 宏	
			2014B1635	BL46XU	陰地 宏	
2014B1917	BL46XU	陰地 宏				

Journal of Fiber 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
33673	Go Matsuba	73 (2017) 122-125	2014A1156	BL43IR	松葉 豪	Detailed Analysis of Aliphatic Polyurea Crystals
			2014B1780	BL45XU	長南 雄太	
			2012A1107	BL40B2	松葉 豪	
			2012B1701	BL40B2	辺見 幸大	
33931	Treethip Phakkeeree	72 (2016) 160-165	2014B1441	BL40XU	池田 裕子	Network-Like Structure of Lignin in Natural Rubber Matrix to Form High Performance Elastomeric

Journal of Materials Chemistry A

33417	Keita Sekizawa	5 (2017) 6483-6493	2013B1018	BL47XU	森川 健志	Stoichiometric Water Splitting using a 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	
33859	Kohtaro Takahashi	5 (2017) 14003-14011	2015A1842	BL19B2	高橋 功太郎	Side-Chain Engineering in a Thermal Precursor Approach for Efficient Photocurrent Generation
			2015B1769	BL19B2	高橋 功太郎	

Journal of Molecular Liquids

33438	Yoshihiro Okamoto	232 (2017) 285-289	2014A3504	BL11XU	塩飽 秀啓	Chemical State Analysis of High-Temperature Molten Slag Components by using High-Energy XAFS
			2014B3504	BL11XU	塩飽 秀啓	
33791	Edgar Galicia-Andrés	209 (2015) 586-595	2014B1460	BL04B2	Pusztai Laszlo	Microscopic Structure of Methanol-Water Mixtures: Synchrotron X-ray Diffraction Experiments and Molecular Dynamics Simulations over the Entire Composition Range
			2013A1083	BL04B2	Pusztai Laszlo	

Journal of Synchrotron Radiation

33711	Hitoshi Osawa	24 (2017) 560-565	2014B2048	BL25SU	大沢 仁志	Development of Optical Choppers for Time-Resolved Measurements at Soft X-ray Synchrotron Radiation Beamlines
			2015A1485	BL25SU	大沢 仁志	
			2013A1901	BL39XU	大沢 仁志	
			2013B1921	BL39XU	大沢 仁志	
			2014A1895	BL39XU	大沢 仁志	
			2014B2057	BL39XU	大沢 仁志	
33816	Akihisa Takeuchi	24 (2017) 586-594	2014B1153	BL20XU	竹内 晃久	Fresnel Zone Plate with Apodized Aperture for Hard X-ray Gaussian Beam Optics
			2015B1399	BL20XU	竹内 晃久	

Journal of the Ceramic Society of Japan

33427	Naoya Ishida	125 (2017) 281-286	2013B1120	BL02B2	井手本 康	Improvement of Electrochemical Property of Pyroxene-Type LiFeSi ₂ O ₆ and Crystal-Structure Analysis
			2014A1278	BL02B2	井手本 康	
			2014B1457	BL02B2	井手本 康	
			2015A1541	BL02B2	井手本 康	
			2015B1576	BL14B2	井手本 康	
33544	Mahunnop Fakkao	125 (2017) 299-302	2014B1301	BL01B1	雨澤 浩史	Visualization of the Reaction Distribution in a Composite Cathode for an All-Solid-State Lithium-Ion Battery
			2015B1389	BL37XU	雨澤 浩史	
			2016A1310	BL37XU	雨澤 浩史	

Materials Transactions

33752	Koji Kimura	58 (2017) 539-542	2014A1172	BL39XU	林 好一	In-Plane Positional Fluctuations of Zinc Atoms in Single Crystal Mg ₈₅ Zn ₁₅ Y ₉ Alloy Studied by X-ray Fluorescence Holography
			2014B1289	BL39XU	林 好一	
			2014B1296	BL13XU	林 好一	
			2015A0116	BL39XU	林 好一	
			2015A0116	BL13XU	林 好一	
33808	Masakazu Kobayashi	57 (2016) 2089-2096	2012B1013	BL20XU	戸田 裕之	Construction of Finite Element Meshes for Polycrystal Grains Model from X-ray CT Image
			2013A1181	BL20XU	生貝 初	
			2013B1027	BL20XU	戸田 裕之	

Polymer Journal

33616	Akifumi Matsushita	47 (2015) 385-390	2014A1423	BL40B2	岡本 茂	Strong Temperature Dependencies of Diblock Copolymer Domain Spacing in a Solvent Mixture Comprising Ternary Components with Varied Selectivity
			2014B1515	BL40B2	岡本 茂	
			2013B1689	BL40B2	松下 明史	
			2012B1476	BL40B2	岡本 茂	
			2011B1502	BL40B2	岡本 茂	
33663	Akiyuki Ryoki	(2017) Advanced online publication May 10 2017	2010B1126	BL40B2	寺尾 憲	Scattering Function of Semi-Rigid Cyclic Polymers Analyzed in Terms of Worm-Like Rings: Cyclic Amylose Tris(phenylcarbamate) and Cyclic Amylose Tris(<i>n</i> -butylcarbamate)
			2011A1049	BL40B2	寺尾 憲	
			2011B1068	BL40B2	寺尾 憲	

Proceedings of the 16th International Conference on Nanotechnology

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
33541	Koji Amezawa	(2016) 429-430	2013B1487	BL27SU	雨澤 浩史	Chemically-Induced Structural Deformation of Layered Perovskite Oxides
			2012B1497	BL27SU	雨澤 浩史	
			2014A1452	BL27SU	雨澤 浩史	
33542	Koji Amezawa	(2016) 365-366	2012A1455	BL37XU	雨澤 浩史	Modification of Oxygen Surface Exchange Kinetics on a Dense Film of $\text{La}_{0.6}\text{Sr}_{0.4}\text{CoO}_{3-\delta}$ by Application of Porous $(\text{La},\text{Sr})_2\text{CoO}_4$
			2012B1492	BL37XU	雨澤 浩史	
			2012B1552	BL01B1	雨澤 浩史	

Review of Scientific Instruments

33474	Ryuichi Nomura	88 (2017) 044501	2016A1114	BL47XU	野村 龍一	High-Pressure Rotational Deformation Apparatus to 135 GPa
			2016B1176	BL47XU	野村 龍一	
33963	Takahiko Masuda	88 (2017) 063105	2014A1334	BL09XU	吉村 浩司	Fast X-ray Detector System with Simultaneous Measurement of Timing and Energy for a Single Photon
			2014B1524	BL09XU	吉村 浩司	
			2015B1380	BL09XU	吉村 浩司	
			2016A1420	BL09XU	吉村 浩司	
			2016B1232	BL09XU	吉村 浩司	

Science

33476	Jianwei Miao	348 (2015) 530-535	2012B8027	BL3	Miao Jianwei	Beyond Crystallography: Diffractive Imaging using Coherent X-ray Light Sources
33945	Daiki Kato	356 (2017) 205-208	2016A2537	BL41XU	胡桃坂 仁志	Crystal Structure of the Overlapping Dinucleosome Composed of Hexasome and Octasome

2016 IEEE Compound Semiconductor Integrated Circuit Symposium

33989	Yasunori Tateno	(2016) 7751073	2013A1318	BL39XU	館野 泰範	Time-Resolved Micro-Beam X-Ray Absorption Fine Structure (XAFS) Measurement to Investigate the Cause of a Current Collapse of GaN-HEMTs
			2012A1108	BL39XU	館野 泰範	
			2012A5030	BL16XU	飯原 順次	

ACS Applied Materials & Interfaces

33515	Kazuki Shida	9 (2017) 13726-13732	2014B1549	BL13XU	酒井 朗	Tomographic Mapping Analysis in the Depth Direction of High-Ge-Content SiGe Layers with Compositionally Graded Buffers Using Nanobeam X-ray Diffraction
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ACS Nano

33481	Satoshi Abe	11 (2017) 2410-2419	2015B1044	BL41XU	上野 隆史	Crystal Engineering of Self-Assembled Porous Protein Materials in Living Cells
			2016A2551	BL32XU	上野 隆史	

ACS Omega

33601	Tomoaki Kumeda	2 (2017) 1858-1863	2015B1315	BL13XU	中村 将志	Interfacial Structure of PtNi Surface Alloy on Pt(111) Electrode for Oxygen Reduction Reaction
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ACS Sustainable Chemistry & Engineering

33904	Oki Sekizawa	5 (2017) 3631-3636	2013A7802	BL36XU	岩澤 康裕	Simultaneous Operando Time-Resolved XAFS-XRD Measurements of a Pt/C Cathode Catalyst in Polymer Electrolyte Fuel Cell under Transient Potential Operations
			2013B7806	BL36XU	岩澤 康裕	
			2014A7801	BL36XU	岩澤 康裕	
			2014A7805	BL36XU	岩澤 康裕	
			2014B7801	BL36XU	岩澤 康裕	
			2014B7803	BL36XU	岩澤 康裕	
			2015A7803	BL36XU	岩澤 康裕	
			2015A7840	BL36XU	岩澤 康裕	
			2015B7801	BL36XU	岩澤 康裕	
			2015B7803	BL36XU	岩澤 康裕	
			2015B7840	BL36XU	岩澤 康裕	
			2016A7801	BL36XU	岩澤 康裕	
			2016A7803	BL36XU	岩澤 康裕	
			2016A7840	BL36XU	岩澤 康裕	
			2016B7801	BL36XU	岩澤 康裕	

Advanced 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
33845	Sadok Ben Dkhil	6 (2016) 1600290	2014B1655	BL19B2	吉本 則之	Square-Centimeter-Sized High-Efficiency Polymer Solar Cells: How the Processing Atmosphere and Film Quality Influence Performance at Large Scale
			2014B1916	BL46XU	小金澤 智之	
			2015A1984	BL19B2	小鹿 曹汰	

Advanced Functional Materials

33898	Kei Kubota	26 (2016) 6047-6059	2012B1777	BL02B2	駒場 慎一	Understanding the Structural Evolution and Redox Mechanism of a NaFeO ₂ -NaCoO ₂ Solid Solution for Sodium-Ion Batteries
			2013A1681	BL02B2	駒場 慎一	

Advanced Materials Interfaces

33563	Sergey Y. Smolin	4 (2017) 1700183	2015B4601	BL15XU	Gerlach Dominic	Energy Level Alignment and Cation Charge States at the LaFeO ₃ /LaMnO ₃ (001) Heterointerface
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Advances in Water Resources

33760	Stefan Bruns	105 (2017) 96-107	2015A1147	BL20XU	Yang Yi	Looking for the Signal: A Guide to Iterative Noise and Artefact Removal in X-ray Tomographic Reconstructions of Porous Geomaterials
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American Journal of Physiology - Cell Physiology

33847	Maki Yamaguchi	310 (2016) C692-C700	2003A0416	BL45XU	山口 真紀	X-ray Diffraction Analysis of the Effects of Myosin Regulatory Light Chain Phosphorylation and Butanedione Monoxime on Skinned Skeletal Muscle Fibers
			2004A0267	BL45XU	山口 真紀	

Angewandte Chemie International Edition

33435	Yoshiyuki Mizuhata	56 (2017) 4588-4592	2014A1361	BL26B2	水畑 吉行	Germabenzenylpotassium: A Germanium Analogue of a Phenyl Anion
			2015B1254	BL38B1	水畑 吉行	

Applied Catalysis A General

33577	Atsuko Tomita	522 (2016) 138-144	2015A1382	BL28B2	多井 豊	Effect of Water Treatment and Fe Doping on Pt Sintering and the Propane Oxidation Activity of Pt/Al ₂ O ₃
			2013A1395	BL01B1	多井 豊	
			2013B1835	BL14B2	多井 豊	
			2014B1665	BL14B2	多井 豊	

Applied Materials and Interfaces

33449	Tomoya Onozuka	9 (2017) 10882-10887	2016A1221	BL47XU	近松 彰	Reversible Changes in Resistance of Perovskite Nickelate NdNiO ₃ Thin Films Induced by Fluorine Substitution
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Applied Surface Science

33957	Charlotte Zborowski	(2017) Available online 10 Jun. 2017	2015A4850	BL15XU	Renault Olivier	Determination of the Input Parameters for Inelastic Background Analysis Combined with HAXPES using a Reference Sample
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The Astrophysical Journal

33552	Shotaro Komura	839 (2017) 41	2014B1088	BL08W	高田 淳史	Imaging Polarimeter for a Sub-MeV Gamma-Ray All-sky Survey Using an Electron-tracking Compton Camera
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Biochemical and Biophysical Research Communications

33949	Sun Shin Cha	478 (2016) 818-824	2011A6685	BL44XU	Cha Sun Shin	Crystal Structure of EstSRT1, a Family VIII Carboxylesterase Displaying Hydrolytic Activity toward Oxymino Cephalosporins
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Biochimica et Biophysica Acta - Proteins and Proteomics

33825	Akito Kawai	1865 (2017) 979-984	2015A6999	BL44XU	中川 敦史	Crystallographic Analysis of the Ternary Complex of Octanoate and <i>N</i> -acetyl-L-methionine with Human Serum Albumin Reveals the Mode of Their Stabilizing Interactions
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Canadian Journal of Chemistry

33480	Kiyoung Park	92 (2014) 975-978	2013B0105	BL09XU	Solomon Edward	Modeling Nuclear Resonance Vibrational Spectroscopic Data of Binuclear Nonheme Iron Enzymes using Density Functional Theory
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ChemCatChem

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
33929	Yasutaka Kuwahara	9 (2017) 1906-1914	2016A1057	BL01B1	桑原 泰隆	Poly(ethyleneimine)-tethered Ir Complex Catalyst Immobilized in Titanate Nanotubes for Hydrogenation of CO ₂ to Formic Acid

ChemElectroChem

33976	Mouad Dahbi	3 (2016) 1856-1867	2013A1399	BL46XU	駒場 慎一	Effect of Hexafluorophosphate and Fluoroethylene Carbonate on Electrochemical Performance and the Surface Layer of Hard Carbon for Sodium-Ion Batteries
			2015A1698	BL46XU	駒場 慎一	

Chemical Science

33445	Mihoko Yamada	8 (2017) 2671-2676	2015B1241	BL02B2	吉成 信人	Heterogeneous Catalase-like Activity of Gold(I)-Cobalt(III) Metallosupramolecular Ionic Crystals
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ChemistrySelect

33938	Md Saiduzzaman	2 (2017) 4843-4846	2016B1163	BL02B2	熊田 伸弘	Hydrothermal Synthesis, Crystal Structure, and Visible-Region Photocatalytic Activity of BaBi ₂ O ₆
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Colloids and Surfaces A: Physicochemical and Engineering Aspects

33615	Miyako Tsuura	525 (2017) 31-37	2014A1226	BL37XU	瀧上 隆智	Surface Freezing and Molecular Miscibility of Binary Fluoroalkanol-Alkanol Liquid Mixture
			2014B1199	BL37XU	瀧上 隆智	
			2015A1519	BL37XU	瀧上 隆智	

Electrochimica Acta

33928	Riki Kataoka	212 (2016) 458-464	2013A1863	BL19B2	片岡 理樹	Spinel Manganese Oxide: A High Capacity Positive Electrode Material for the Sodium Ion Battery
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The EMBO Journal

33466	Satoru Shimada	36 (2017) 291-300	2014A1846	BL26B2	島田 敦広	Complex Structure of Cytochrome <i>c</i> -cytochrome <i>c</i> Oxidase Reveals a Novel Protein-Protein Interaction Mode
			2014A1860	BL26B2	島田 敦広	
			2014A6500	BL44XU	山下 栄樹	
			2014B6500	BL44XU	山下 栄樹	
			2015A6500	BL44XU	山下 栄樹	

Energy

33557	Seoksu Moon	127 (2017) 89-100	2014B0111	BL40XU	文 石洙	Governing Parameters and Dynamics of Turbulent Spray Atomization from Modern GDI Injectors
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Energy & Environmental Science

33877	Katsuhiko Naoi	9 (2016) 2143-2151	2015A1962	BL14B2	直井 勝彦	Ultrafast Charge-Discharge Characteristics of a Nanosized Core-Shell Structured LiFePO ₄ Material for Hybrid Supercapacitor Applications
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The European Physical Journal D

33450	Alexei N. Grum-Grzhimailo	71 (2017) 69	2014A8045	BL3	尾崎 典雅	On the Size of the Secondary Electron Cloud in Crystals Irradiated by Hard X-ray Photons
			2014B8068	BL3	尾崎 典雅	
			2015A8066	BL3	尾崎 典雅	
			2015B8063	BL3	尾崎 典雅	
			2016A8065	BL3	尾崎 典雅	
			2013B8063	BL3	尾崎 典雅	

Europhysics Letters

33494	Kazuhiro Matsuda	117 (2017) 17004	2014A1101	BL08W	松田 和博	Charge Inhomogeneity in an Expanded Fluid Metal: X-ray Compton Scattering Observation
			2014B1111	BL08W	松田 和博	
			2013B1070	BL08W	松田 和博	
			2012B1522	BL08W	松田 和博	
			2012A1195	BL08W	松田 和博	
			2011B1195	BL08W	松田 和博	
			2011A1138	BL08W	松田 和博	

FEBS 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
33469	Yuxin Ye	590 (2016) 828-837	2014A1264	BL41XU	加藤 公児	Structural Insights into the Difference in Substrate Recognition of Two Mannoside Phosphorylases from Two GH130 Subfamilies
			2015A1124	BL41XU	加藤 公児	

Geochimica et Cosmochimica Acta

33461	Teruhiko Kashiwabara	2014 (2017) 52-67	2010A1612	BL01B1	柏原 輝彦	Stable Isotope Fractionation of Tungsten during Adsorption on Fe and Mn (Oxyhydr)oxides
			2010B1664	BL37XU	東郷 洋子	
			2011B1400	BL01B1	東郷 洋子	
			2014B1307	BL37XU	高橋 嘉夫	
			2016A1350	BL01B1	菊池 早希子	

Global Environmental Research

33428	Tsuyoshi Yaita	20 (2016) 33-43	2012B3610	BL14B1	松村 大樹	Investigation of Cesium Sorption Mechanisms into Clay Minerals
			2013A3609	BL14B1	松村 大樹	
			2013B3609	BL14B1	松村 大樹	
			2013A3613	BL14B1	矢板 毅	
			2014A3614	BL14B1	松尾 元彰	
			2014A1731	BL01B1	松村 大樹	

High Power Laser Science and Engineering

33580	Kensuke Tono	5 (2017) e7	2014B8051	BL3	南後 恵理子	Fluid Sample Injectors for X-ray Free Electron Laser at SACLA
			2015A8047	BL3	南後 恵理子	
			2015B8054	BL3	南後 恵理子	
			2015B8064	BL3	登野 健介	
			2016A8066	BL3	登野 健介	

High Pressure Research

33933	Nozomu Hiraoka	36 (2016) 250-261	2008B4258	BL12XU	平岡 望	XAFS Studies under High Pressure by X-ray Raman Scattering
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Industrial & Engineering Chemistry Research

33836	Bin Zhang	56 (2017) 3578-3587	2016B1405	BL01B1	朝倉 博行	Atomically Dispersed Rhodium on Self-Assembled Phosphotungstic Acid: Structural Features and Catalytic CO Oxidation Properties
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Journal of Advances in Nanomaterials

33517	Yuya Fukuzumi	1 (2016) 39-48	2015B1077	BL02B2	守友 浩	Size Dependent Ion Diffusion in Na ₂ Ti ₆ O ₇ and Na ₂ Ti ₆ O ₁₃
			2013B1332	BL02B2	守友 浩	

Journal of Asian Ceramic Societies

33946	Ikuya Yamada	5 (2017) 169-175	2012A1619	BL02B2	山田 幾也	Structural and Electronic Transformations in Quadruple Iron Perovskite Ca _{1-x} Sr _x Cu ₃ Fe ₄ O ₁₂
			2016A1229	BL02B2	山田 幾也	

The Journal of Biochemistry

33856	Hiroshi Kameda	161 (2017) 55-65	2013A8043	BL3	中迫 雅由	Common Structural Features of Toxic Intermediates from α -synuclein and GroES Fibrillogenesis Detected using Cryogenic Coherent X-ray Diffraction Imaging
			2013B8049	BL3	中迫 雅由	
			2014A8033	BL3	中迫 雅由	

Journal of Electronic Materials

33513	Hani Jan	46 (2017) 3610-3614	2016A1222	BL01B1	藤原 明比古	Amorphous In-Si-O Films Fabricated via Solution Processing
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Journal of Materials Science

33553	Yasushi Idemoto	52 (2017) 8630-8649	2015B1280	BL04B2	井手本 康	Change of Local Structures for 0.5Li ₂ MnO ₃ -0.5LiMn _{1/3} Ni _{1/3} Co _{1/3} O ₂ in First Charge Process of Different Rates
			2015A1544	BL04B2	井手本 康	
			2014B1473	BL04B2	井手本 康	

Journal of Molecular Biology

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
33975	Yuko Sato	428 (2016) 3885-3902	2012B1048	BL41XU	胡桃坂 仁志	A Genetically Encoded Probe for Live-Cell Imaging of H4K20 Monomethylation
			2013A1036	BL41XU	胡桃坂 仁志	
			2013B1060	BL41XU	胡桃坂 仁志	
			2014B1125	BL41XU	胡桃坂 仁志	
			2015A1020	BL41XU	胡桃坂 仁志	

Journal of Molecular Catalysis A: Chemical

33837	Jianguang Zhang	422 (2016) 188-197	2014B1029	BL01B1	朝倉 博行	Rh Nanoparticles with NiO _x Surface Decoration for Selective Hydrogenolysis of C-O Bond over Arene Hydrogenation
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Journal of Nanoscience and Nanotechnology

33731	Toyokazu Tanabe	17 (2017) 3454-3459	2014B1934	BL46XU	郡司 貴雄	Synthesis of Single Phase Sn ₃ O ₄ : Native Visible-Light-Sensitive Photocatalyst with High Photocatalytic Performance for Hydrogen Evolution
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Journal of Power Sources

33860	Heng Wang	360 (2017) 150-156	2015B1173	BL01B1	吉川 浩史	Preparation of γ -LiV ₂ O ₅ from Polyoxovanadate Cluster Li ₇ [V ₁₅ O ₃₆ (CO ₃)] as a High-Performance Cathode Material and Its Reaction Mechanism Revealed by <i>Operando</i> XAFS
			2015B3615	BL14B1	吉川 浩史	
			2016B3634	BL14B1	吉川 浩史	

The Journal of Physical Chemistry Letters

33687	Ryo Ishida	8 (2017) 2368-2372	2016A1450	BL28B2	加藤 和男	Hydrogen-Mediated Electron Doping of Gold Clusters As Revealed by In Situ X-ray and UV-vis Absorption Spectroscopy
			2016A1644	BL28B2	石田 瞭	
			2016B1493	BL01B1	山添 誠司	
			2016B0908	BL01B1	若林 裕助	

Journal of Radiation Research

33930	Naritoshi Mukumoto	58 (2017) 17-23	2013B1315	BL28B2	棕本 成俊	Sparing of Tissue by Using Micro-Slit-Beam Radiation Therapy Reduces Neurotoxicity Compared with Broad-Beam Radiation Therapy
			2012B1451	BL28B2	佐々木 良平	

Journal of Soils and Sediments

33599	Jining Li	17 (2017) 2136-2143	2015A1667	BL14B2	橋本 洋平	Use of Batch Leaching Tests to Quantify Arsenic Release from Excavated Urban Soils with Relatively Low Levels of Arsenic
			2015B1565	BL14B2	橋本 洋平	

Journal of Structural Biology

33954	Junso Fujita	198 (2017) 65-73	2014A6947	BL44XU	松村 浩由	Identification of the Key Interactions in Structural Transition Pathway of FtsZ from <i>Staphylococcus aureus</i>
			2014B6947	BL44XU	松村 浩由	

Journal of the Society of Inorganic Materials, Japan

33842	Takahiro Takei	24 (2017) 63-68	2015B1243	BL02B2	武井 貴弘	Preparation of Hydroxyapatite-Modified Mesoporous Silica and Its Adsorption Properties of Rare Earth Metal Cations
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Journal of the Vacuum Society of Japan

33493	Eiichi Kobayashi	60 (2017) 139-141	2011B3816	BL23SU	小林 英一	Development of a Portable Ultrahigh-Vacuum Sample Transfer Vessel and Its Application
			2013A3812	BL23SU	藤井 健太郎	

Journal of Thoracic and Cardiovascular Surgery

33679	Ryuma Iwaki	152 (2016) 1454-1456	2015A1435	BL20B2	大嶋 義博	Three-Dimensional Evaluation of Ductal Tissue in Coarctation of the Aorta using X-ray Phase-Contrast Tomography
			2014B1306	BL20B2	築部 卓郎	
			2015B1370	BL20B2	大嶋 義博	

Key Engineering Materials

33920	Mohd Arif Anuar Mohd Salleh	700 (2016) 161-169	2014B1620	BL20XU	野北 和宏	Effect of TiO ₂ on the Formation of Primary and Interfacial Cu ₆ Sn ₅ in Sn-0.7wt%Cu and Sn-0.7wt%Cu-0.05wt%Ni Solder Paste during Soldering
			2015A1675	BL20XU	野北 和宏	

Materials & Design

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
33910	Mohd Arif Anuar Mohd Salleh	108 (2016) 418-428	2014B1620	BL20XU	野北 和宏	Suppression of Cu ₆ Sn ₅ in TiO ₂ Reinforced Solder Joints after Multiple Reflow Cycles
			2015A1675	BL20XU	野北 和宏	

Materials Research Proceedings

33554	Mutsumi Sano	2 (2017) 609-614	2014B1412	BL02B1	佐野 睦	Dislocation Density of GlidCop with Compressive Strain Applied at High Temperature
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Materials Science and Engineering: A

33893	Akihide Hosokawa	671 (2016) 96-106	2009B1131	BL20XU	戸田 裕之	Ductile Fracture via Hydrogen Pore Mechanism in an Aluminum Alloy; Quantitative Microstructural Analysis and Image-Based Finite Element Analysis
			2009A1315	BL20XU	戸田 裕之	

Medical & Biological Engineering & Computing

33993	Takeshi Matsumoto	(2017) Online publication 29 Jun. 2017	2013A1667	BL20B2	松本 健志	Effect of Low-Intensity Whole-Body Vibration on Bone Defect Repair and Associated Vascularization in Mice
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Metallurgical and Materials Transactions A

33811	Hang Su	47 (2016) 6077-6089	2013B1027	BL20XU	戸田 裕之	Influence of Hydrogen Micropores and Intermetallic Particles on Fracture Behaviors of Al-Zn-Mg-Cu Aluminum Alloys
			2013B1324	BL20XU	戸田 裕之	
			2014A1018	BL20XU	戸田 裕之	
			2014B1157	BL20XU	戸田 裕之	

Nature

33463	Hiroto Tsuchiya	534 (2016) 417-420	2014A1091	BL41XU	石谷 隆一郎	Structural Basis for Amino Acid Export by DMT Superfamily Transporter YddG
			2014A1061	BL32XU	服部 素之	
			2014A1093	BL32XU	瀧木 理	
			2014A1116	BL32XU	西澤 知宏	
			2014B1194	BL41XU	服部 素之	

Nature Plants

33465	Yoshinori Hirano	3 (2017) 17010	2013A6844	BL44XU	平野 良憲	Structure of the SHR-SCR Heterodimer Bound to the BIRD/IDD Transcriptional Factor JKD
			2013B1288	BL41XU	平野 良憲	
			2013B6844	BL44XU	平野 良憲	
			2014A1283	BL41XU	平野 良憲	
			2014A6944	BL44XU	平野 良憲	

Nuclear Instruments and Methods in Physics Research Section A

33602	Hiroyuki Tanaka	861 (2017) 23-27	2014B1293	BL08W	山口 明	Cryogenic System for X-ray Compton Scattering Measurements of Superfluid Helium below 2 K
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Organic Electronics

33846	Takeshi Fukuda	33 (2016) 32-39	2014B1655	BL19B2	吉本 則之	Controlled Donor-Acceptor Ratio for Application of Organic Photovoltaic Cells by Alternative Intermittent Electro spray Co-Deposition
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Organic Letters

33918	Tsukasa Hasegawa	19 (2017) 3275-3278	2015B1690	BL45XU	長谷川 司	Thiadiazole-fused Quinoxalineimide as an Electron-deficient Building Block for N-type Organic Semiconductors
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Organometallics

33728	Soichiro Nakatsuka	36 (2017) 2622-2631	2013A1183	BL38B1	吾郷 友宏	5,9-Dioxa-13b-Oxophosphanaphtho[3,2,1-de]anthracenes Prepared by Tandem Phospha-Friedel-Crafts Reaction as Hole-/Exciton-Blocking Materials for OLEDs
			2013B1083	BL38B1	吾郷 友宏	

Pediatric Cardiology

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
33680	Yukihiro Kaneko	38 (2017) 390-393	2015A1435	BL20B2	大嶋 義博	Intact Imaging of Human Heart Structure Using X-ray Phase-Contrast Tomography
			2015B1370	BL20B2	大嶋 義博	
			2016A1071	BL20B2	大嶋 義博	
			2016B1338	BL20B2	大嶋 義博	
			2016B1453	BL20B2	築部 卓郎	
2014B1306	BL20B2	築部 卓郎				

Philosophical Magazine 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
33473	Seungwon Lee	94 (2014) 639-646	2014A1730	BL17SU	堀田 善治	Formation of FeNi with L1 ₀ -ordered Structure using High-Pressure Torsion

Physica Status Solidi C

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
33873	Hitoshi Sato	14 (2017) e201600164	2012B4801	BL15XU	佐藤 仁	Yb Valence State in Yb ₅ Rh ₄ Ge ₁₀
			2012B4802	BL15XU	佐藤 仁	
			2013B4261	BL12XU	佐藤 仁	

Physics and Chemistry of Minerals

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
33994	Hiroshi Fukui	(2017) Online Publication 29 Jun. 2017	2008A4260	BL12XU	福井 宏之	Electronic and Local Atomistic Structure of MgSiO ₃ Glass under Pressure: a Study of X-ray Raman Scattering at the Silicon and Magnesium L-edges
			2009B4258	BL12XU	福井 宏之	
			2010A4260	BL12XU	福井 宏之	

Polymer Bulletin

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
33923	Xinyue Jiang	(2017) Advanced online publication June 15 2017	2014B1087	BL40B2	寺尾 憲	Chain Stiffness of Cellulose Tris(phenylcarbamate) in Tricresyl Phosphate (TCP)
			2015A1179	BL40B2	寺尾 憲	
			2015B1100	BL40B2	寺尾 憲	
			2015B1674	BL40B2	高橋 倫太郎	

Powder Diffraction

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
33960	Ryosuke Maki	(2017) Published online 21 Jun. 2017	2016A1782	BL19B2	牧 涼介	Synchrotron X-ray Powder Diffraction Pattern of the M8 Murataite Polytype

Procedia 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
33797	Kio Tahara	168 (2016) 1394-1397	2012A1209	BL28B2	清水 啓史	Photoresist Micro-Chamber for the Diffracted X-ray Tracking Method Recording Single-Molecule Conformational Changes
			2012A1210	BL40XU	清水 啓史	
			2016A1076	BL28B2	清水 啓史	
			2009B1189	BL40XU	清水 啓史	
			2009B1362	BL28B2	清水 啓史	
			2015B1159	BL28B2	清水 啓史	
			2015A1194	BL28B2	清水 啓史	
			2010A1367	BL28B2	清水 啓史	
			2012B1135	BL28B2	清水 啓史	
			2013A1090	BL28B2	清水 啓史	
			2013B1097	BL28B2	清水 啓史	
			2014A1073	BL28B2	清水 啓史	
2014B1840	BL28B2	清水 啓史				

Proceedings of SPIE

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
33708	Kensuke Tono	10237 (2017) 1023706	2013B8070	BL3	登野 健介	Overview of Optics, Photon Diagnostics and Experimental Instruments at SACLA: Development, Operation and Scientific Applications
			2014A8050	BL3	登野 健介	
			2015A8067	BL2	登野 健介	
			2016B8086	BL2	登野 健介	

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

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
33964	Satoshi Watanabe	114 (2017) E3224-E3232	2015A6558	BL44XU	渡部 聡	Structural Basis of pH-Dependent Client Binding by ERp44, a Key Regulator of Protein Secretion at the ER-Golgi Interface
			2015B6558	BL44XU	渡部 聡	

The Protein Journal

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
33926	Yusuke Nakamichi	35 (2016) 300-309	2009A1179	BL38B1	橋本 渉	Conformational Change in the Active Site of Streptococcal Unsaturated Glucuronyl Hydrolase Through Site-Directed Mutagenesis at Asp-115
			2010B1149	BL38B1	橋本 渉	
			2011A1186	BL38B1	橋本 渉	
			2011B2055	BL41XU	橋本 渉	
			2013B1260	BL38B1	橋本 渉	

Quarterly Reviews of Biophysics

33478	Marcus Gallagher Jones	49 (2016) e20	2014A8021	BL3	Miao Jianwei	Frontier Methods in Coherent X-ray Diffraction for High-Resolution Structure Determination
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RSC Advances

33475	Tomoyasu Hirai	6 (2016) 111993-111996	2014A1234	BL43IR	高原 淳	Solvent Free Oxidative Coupling Polymerization of 3-hexylthiophene (3HT) in the Presence of FeCl ₃ Particles
			2014B1288	BL43IR	高原 淳	
			2015A1588	BL43IR	高原 淳	

Science Advances

33979	Bruno Albertazzi	3 (2017) e1602705	2014B8068	BL3	尾崎 典雅	Dynamic Fracture of Tantalum under Extreme Tensile Stress
			2015A8023	BL3	Harmand Marion	
			2015A8066	BL3	尾崎 典雅	

Scripta Materialia

33810	Hang Su	135 (2017) 19-23	2013B1027	BL20XU	戸田 裕之	Influence of Intermetallic Particles on the Initiation and Growth Behavior of Hydrogen Micropores during High-Temperature Exposure in Al-Zn-Mg-Cu Aluminum Alloys
			2013B1324	BL20XU	戸田 裕之	
			2014A1018	BL20XU	戸田 裕之	
			2014B1157	BL20XU	戸田 裕之	

Superconductor Science and Technology

33558	Kozo Osamura	29 (2016) 065019	2014A1553	BL28B2	長村 光造	Mechanism for the Uniaxial Strain Dependence of the Critical Current in Practical REBCO Tapes
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Sustainable Energy & Fuels

33605	Tomiko Suzuki	1 (2017) 636-643	2016B7032	BL33XU	野中 敬正	Highly Crystalline β -FeOOH(Cl) Nanorod Catalysts Doped with Transition Metals for Efficient Water Oxidation
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Thin Solid Films

33947	Weiling Dong	616 (2016) 80-85	2014A1170	BL37XU	Simpson Robert	Enhanced Sb ₂ S ₃ Crystallization by Electric Field Induced Silver Doping
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World Journal for Pediatric and Congenital Heart Surgery

33681	Gen Shinohara	7 (2016) 700-705	2015A1435	BL20B2	大嶋 義博	Three Dimensional Visualization of Human Cardiac Conduction Tissue in Whole Heart Specimens by High-Resolution Phase-Contrast CT Imaging Using Synchrotron Radiation
			2015B1370	BL20B2	大嶋 義博	
			2016A1071	BL20B2	大嶋 義博	

Zeitschrift fur Anorganische und Allgemine Chemie

33489	Alexander Christoph Komarek	641 (2015) 1473-1479	2014A4135	BL12B2	Chen Jin-Ming	Pb ₂ PdO ₂ (OH) ₂ and Pb ₂ PdO(OH) ₄ (H ₂ O): Synthesis and Crystal Growth at Ambient Conditions
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応用物理 (Journal of Applied Physics, Japan)

33499	Nozomu Ishiguro	86 (2017) 209-213	2011B1018	BL39XU	横山 利彦	Structural Kinetics of Polymer Electrolyte Fuel Cell Electrocatalysts Revealed by in situ Time-Resolved XAFS
			2012B1008	BL39XU	横山 利彦	
			2013A7820	BL36XU	唯 美津木	
			2013B7820	BL36XU	唯 美津木	
			2013B7821	BL36XU	唯 美津木	
			2014A7820	BL36XU	唯 美津木	

高分子論文集 (Japanese Journal of Polymer 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
33759	Daiki Murakami	74 (2017) 278-284	2013A1635	BL19B2	秋葉 勇	Thermo-Responsive Amphiphilic Block Copolymer Containing an Alkoxyamine Unit between the Hydrophobic and Water-Soluble Blocks
			2013B1584	BL19B2	秋葉 勇	
			2014B1499	BL40B2	秋葉 勇	

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

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
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

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
33619	Shigeru Okamoto	66 (2017) 35-41	2014A1423	BL40B2	岡本 茂	Dose an Intermediate Structure Exist in an Ordered Biscontinuous Double Diamond-Double Gyroid Transition? Singular Value Decomposition of Small-Angle X-ray Scattering
			2014B1515	BL40B2	岡本 茂	
			2012B1476	BL40B2	岡本 茂	
			2011B1502	BL40B2	岡本 茂	

資源地質 (Shigen-Chishitsu)

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
33871	Yasumasa Ogawa	63 (2013) 125-131	2012A1718	BL14B2	井上 千弘	The Effects of Grain Size on Extractability of Heavy Metals from Sedimentary Rocks

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
33510	Nozomu Ishiguro	59 (2017) 69-75	2011B1889	BL39XU	唯 美津木	Imaging of Solid Particles by Scanning Nano-XAFS
			2011A1032	BL39XU	岩澤 康裕	
			2013A7820	BL36XU	唯 美津木	
			2013B7821	BL36XU	唯 美津木	
			2014A7821	BL36XU	唯 美津木	
			2014B7821	BL36XU	唯 美津木	
			2015A1125	BL37XU	石黒 志	
			2015A1599	BL37XU	石黒 志	
2015A7821	BL36XU	唯 美津木				

セラミックス (Ceramics 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
33690	Yoshihiro Saito	52 (2017) 365-368	2015A1925	BL19B2	斎藤 吉広	Structural Analysis for Sulfuric Acid Solutions using X-ray Scattering Measurement and Molecular Dynamics Simulation
			2014B1985	BL19B2	斎藤 吉広	
			2014A1853	BL19B2	斎藤 吉広	

鑄造工学 (Journal of Japanese Foundry Engineering Society)

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
33894	Ryusuke Yamada	89 (2017) 10-16	2014A1267	BL20XU	戸田 裕之	Phase Contrast Imaging of Microsegregation of JIS ADC12 Alloy and Damage Behavior

日本ゴム協会誌 (Journal of the Society of Rubber Industry, 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
33819	Masakazu Manaka	90 (2017) 183-189	2015B1069	BL40B2	上原 宏樹	New Testing Method for the Thermoplastic Vulcanization Processing Analysis by Dynamic Viscoelastic Properties

熱測定 (Calorimetry and Thermal 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
33618	Takanori Takiue	44 (2017) 60-64	2014B1199	BL37XU	瀧上 隆智	Heterogeneous Structure and Line Tension in Interfacial Film
			2015A1519	BL37XU	瀧上 隆智	
			2016A1112	BL37XU	瀧上 隆智	

非破壊検査 (Journal of JSNDI)

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
33843	Jun-ichi Shibano	66 (2017) 261-265	2012A1426	BL28B2	柴野 純一	Measurement of Strain in the Vicinity of the Contact Interface between a Titanium Screw and Bone Tissue using Synchrotron White X-ray
			2010A1471	BL28B2	柴野 純一	
			2009A1884	BL28B2	柴野 純一	

分析化学 (Bunseki Kagaku)

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
33677	Takahiro Ono	66 (2017) 251-261	2014A1261	BL37XU	中井 泉	Investigation of the Chemical Characteristics of Individual Radioactive Microparticles Emitted from Reactor 1 by the Fukushima Daiichi Nuclear Power Plant Accident by Using Multiple Synchrotron Radiation X-ray Analyses
			2014B1403	BL37XU	中井 泉	
			2015A1895	BL37XU	中井 泉	
			2015B1828	BL37XU	中井 泉	
			2016A1705	BL37XU	中井 泉	
2014B1493	BL08W	中井 泉				

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
33935	Hayato Seki	63 (2016) 609-612	2015A1014	BL39XU	島川 祐一	High Pressure Synthesis of SrFe _{1-x} Ni _x O ₃
			2015A1016	BL25SU	島川 祐一	

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

33581	Yota Fukuda	30 (2017) 53-60	2013B8045	BL3	岩田 想	Serial Femtosecond Crystallography Revises Reaction Mechanism of Copper-Containing Nitrite Reductase
			2014B8050	BL3	岩田 想	
			2015A8026	BL3	菅原 道泰	
			2015A8048	BL3	岩田 想	
			2015A8049	BL3	中津 亨	
			2015B8047	BL3	溝端 栄一	

薬学雑誌 (Journal of the Pharmaceutical Society of Japan)

33817	Kozo Takayama	137 (2017) 757-762	2014B1055	BL20B2	小幡 誉子	Determination of Density Distribution of Tablets Using Synchrotron X-ray Computed Tomography
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博士論文 (大阪大学)

33448	Daichi Tanigawa	(2017)	2014B3721	BL22XU	葛蒲 敬久	Study of Film Formation Processes in Ni Base Alloy with Low Dilution and Low Heat Effect by Heat Input using Semiconductor Laser
			2015A3721	BL22XU	葛蒲 敬久	
			2015B3721	BL22XU	葛蒲 敬久	
			2016A3721	BL22XU	葛蒲 敬久	
33551	Tsukasa Nakai	(2017)	2005B0232	BL47XU	吉木 昌彦	The Development of Phase-Change Optical Recording Media and The Analysis of the Interface Layer Effect to Phase-Change Recording Film
			2006A1641	BL47XU	中居 司	
			2006B1599	BL47XU	中居 司	
			2007A1908	BL47XU	中居 司	
			2007B1840	BL14B2	中居 司	
			2007B1933	BL14B2	中居 司	
			2006B5360	BL16B2	吉木 昌彦	
			2007A5360	BL16B2	吉木 昌彦	
			2007B5360	BL16B2	吉木 昌彦	

博士論文 (広島大学)

33467	Shuhei Kawakami	(2016)	2014A1266	BL39XU	中島 伸夫	Presence of the Electric Dipole Moment in Quantum Paraelectric SrTiO ₃ Probed using Resonant X-ray Emission Spectroscopy
33664	Yuri Mizukawa	(2016)	2014B1728	BL43IR	水川 友里	Characterization of Light Reflection of Fish Guanine Crystals by Diamagnetic Micromanipulation
			2013B1655	BL43IR	水川 友里	

博士論文 (Universitat Hamburg)

33458	Alexander Britz	(2017)	2014A8025	BL3	Gawelda Wojciech	Ultrafast X-ray Spectroscopies of Transition Metal Complexes Relevant for Catalysis
			2015A8034	BL3	Gawelda Wojciech	
			2015B8036	BL3	Gawelda Wojciech	

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 (熊本大学)

33692	Shaimaa Waz Amgad Ali	(2017)	2015B6551	BL44XU	山縣 ゆり子	Structural and Kinetic Studies on the Broad Substrate Specificity of Human MTH1 Protein
			2016B6650	BL44XU	山縣 ゆり子	

博士論文 (総合研究大学院大学)

33848	Keisuke Inoue	(2017)	2016B1334	BL09XU	岸本 俊二	比例モード Si-APD を用いた高速 X 線シンチレーション検出器の開発
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博士論文 (東京大学)

33956	Shinjiro Takano	(2016)	2015B1478	BL04B2	山添 誠司	Development of Gold Superatoms and Superatomic Molecules with Novel Structures
			2015A1258	BL04B2	山添 誠司	
			2014A1680	BL01B1	高野 慎二郎	

博士論文 (東北大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
33610	Yasumasa Koda	(2017)	2016A5130	BL16XU	田中 政幸	オンチップ光学フィルターを有する広光波長帯域・高感度シリコン分光センサとその応用に関する研究

博士論文 (名古屋大学)

33721	Nozomi Mihara	(2017)	2012B1525	BL02B1	山田 泰之	Programmable Construction of Porphyrin/Phthalocyanine Face-to-Face Assembly and Its Application to Supramolecular Catalysts
			2013A1370	BL02B1	山田 泰之	
			2013B1415	BL02B1	山田 泰之	
			2015B1244	BL02B1	山田 泰之	
			2014B1175	BL02B1	山田 泰之	
			2016A1146	BL02B1	山田 泰之	

博士論文 (日本大学)

33509	Miko Imai	(2016)	2014A1055	BL40B2	橋崎 要	Study of Development of Highly Viscoelastic Lecithin Reverse Wormlike Micelle and its Application to Transdermal Formulation
			2016A1054	BL40B2	橋崎 要	

博士論文 (兵庫県立大学)

33423	Toshiyuki Sugimoto	(2016)	2014A1656	BL10XU	杉本 隼之	典型元素リン及びテルルの超高压下の構造相転移に関する研究
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博士論文 (明治大学)

33724	Kohei Suda	(2017)	2014B1613	BL19B2	小椋 厚志	Study of $Ge_{1-x}Sn_x$ Epitaxial Growth on Ge Substrate by Metal Organic Chemical Vapor Deposition
			2015A1971	BL19B2	小椋 厚志	
			2015B1925	BL19B2	小椋 厚志	
			2016A1529	BL19B2	小椋 厚志	
			2016A1780	BL19B2	須田 耕平	
			2016B1890	BL19B2	須田 耕平	

課題以外の成果として登録された論文

Physical Review B

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
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
33548	Liang Yang	74 (2006) 245209		BL10XU	Pressure-Induced Phase Transformations in the Ba_3Si_4 Clathrate
33584	Tatsuo Fukuda	66 (2002) 012104	原研	BL14B1	Periodic Hole Structure in a Spin-Chain Ladder Material $Sr_{1-x}Cu_{2x}O_{41}$
33621	Yoshitaka Nakatsu	83 (2011) 115120	理研	BL19LXU	Hard X-ray Photoelectron Spectroscopy of the Metal-Insulator Transition in $LiRh_2O_4$
33624	Daisuke Ishikawa	72 (2005) 140301(F)	理研	BL19LXU	Nuclear Resonant Scattering from the Subnanosecond Lifetime Excited State of ^{201}Hg
				BL35XU	
33637	Shin-ichi Fujimori	67 (2003) 144507	原研	BL23SU	Nearly Localized Nature of <i>f</i> Electrons in $CeTl_n$ ($T = Rh, Ir$)
33716	V. V. Krishnamurthy	74 (2006) 064411	理研	BL29XU	Composition-Dependent Induced Spin and Orbital Magnetic Moments of Ir in Co-Ir Alloys from X-ray Magnetic Circular Dichroism
33717	V. V. Krishnamurthy	68 (2003) 214413	理研	BL29XU	Evidence for a Magnetic Moment on Ir in $IrMnAl$ from X-ray Magnetic Circular Dichroism
33790	Jungjin Kim	76 (2007) 115124		BL47XU	Electronic Structure of Amorphous and Crystalline $(GeTe)_{1-x}(Sb_2Te_3)_x$ Investigated using Hard X-ray Photoemission Spectroscopy
33793	Takeshi Yanagida	73 (2006) 132503		BL47XU	Magnetism, Microstructure, and Photoelectron Spectroscopy of $Nd_{0.7}Ce_{0.3}MnO_3$ Thin Films
33794	I. Bartos	83 (2011) 235327		BL47XU	Mn Incorporation into the GaAs Lattice Investigated by Hard X-ray Photoelectron Spectroscopy and Diffraction

日本結晶学会誌 (Journal of the Crystallographic 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
33451	Makina Yabashi	59 (2017) 2-5	XFEL 一般		Overview of XFEL and SACLA
33452	Kensuke Tono	59 (2017) 6-11	装置技術 装置技術	BL3 BL2	Beamlines and Experimental Instruments at SACLA
33453	Eriko Nango	59 (2017) 12-17	装置技術		Serial Femtosecond Crystallography at SACLA: Current Situation and Future Prospects
33454	Yoshinori Nishino	59 (2017) 18-23	装置技術		Coherent Imaging Using SACLA
33455	Yohei Uemura	59 (2017) 24-28	装置技術		Ultra-Fast XAFS Studies on Photocatalyst Using SACLA
33456	Hironobu Fukuzawa	59 (2017) 29-33	装置技術		Dynamic Behavior of Atoms and Molecules Irradiated by Intense X-rays of SACLA
33457	Hitoki Yoneda	59 (2017) 34-38	XFEL 装置技術		Quantum Optics Research Works in X-ray Free Electron Laser SACLA Facility
33911	Michihiro Suga	58 (2016) 117-125		BL41XU BL44XU	Crystal Structure of the Plant Photosystem I and Light Harvesting Complex I Supercomplex
33912	Atsunobu Masuno	58 (2016) 139-144		BL02B2	Metastable Hexagonal Iron Oxides Crystallized from Undercooled Melts

Nuclear Instruments and Methods in Physics Research Section A

33568	Toru Matsumura	582 (2007) 489-496		BL11XU	A Sharp Gas-Bremsstrahlung Beam Capable of Testing Electromagnetic Calorimeters
33631	Masami Torikoshi	548 (2005) 99-105		BL20B2	Features of Dual-Energy X-ray Computed Tomography
33632	D. V. Rao	523 (2004) 206-216		BL20B2	Microtomographic Images of Rat's Lumbar Vertebra Microstructure using 30 keV Synchrotron X-rays: An Analysis in Terms of 3D Visualization
33697	Masatsugu Hirano	548 (2005) 187-193		BL28B2	Estimation of Contrast of Refraction Contrast Imaging Compared with Absorption Imaging-Basic Approach
33738	Keisuke Kobayashi	547 (2005) 98-112	装置技術 理研	BL47XU BL29XU	High-Resolution Hard X-ray Photoelectron Spectroscopy: Application of Valence Band and Core-Level Spectroscopy to Materials Science
33739	Takashi Kimura	616 (2010) 229-232	理研	BL29XU	A Stitching Figure Profiler of Large X-ray Mirror using RADSI for Subaperture Data Acquisition
33745	Fuyuki Tokanai	530 (2004) 446-452		BL38B1	Hard X-ray Polarization Measured with a Compton Polarimeter at Synchrotron Radiation Facility

Acta Crystallographica Section F

33657	Makoto Nakabayashi	61 (2005) 1027-1031	理研	BL26B2	Structure of a Conserved Hypothetical Protein, TTHA0849 from <i>Thermos thermophilus</i> HB8, at 2.4 Å Resolution: A Putative Member of the STAR-Related Lipid-Transfer (START) Domain Superfamily
33746	Takeshi Hoshino	67 (2011) 101-103		BL38B1	Crystallization and Preliminary X-ray Analysis of Isopentenyl Diphosphate Isomerase from <i>Methanocaldococcus jannaschii</i>
33909	Hirofumi Komori	72 (2016) 558-563	理研	BL26B2	Exogenous Acetate Ion Reaches the Type II Copper Centre in CueO through the Water-Excretion Channel and Potentially Affects the Enzymatic Activity
33782	Bagautdin Bagautdinov	70 (2014) 404-413	理研	BL44B2	The Structures of the CutA1 Proteins from <i>Thermus thermophilus</i> and <i>Pyrococcus horikoshii</i> . Characterization of Metal-Binding Sites and Metal-Induced Assembly
33784	Bagautdin Bagautdinov	64 (2008) 358-366	理研	BL45XU	Structure of 3-oxoacyl-(acyl-carrier protein) Synthase II from <i>Thermus thermophilus</i> HB8

Japanese Journal of Applied Physics

33583	Koji Fukushima	46 (2007) 6938-6943		BL14B1	Growth of Perovskite (Bi, Ln)(Ni _{0.5} Ti _{0.5})O ₃ Thin Films by RF Magnetron Sputtering
33684	Masaaki Higuchi	46 (2007) 1895-1898		BL27SU	Electric Characteristics of Si ₃ N ₄ Films Formed by Directly Radical Nitridation on Si(110) and Si(100) Surfaces
33748	Takanori Wakita	45 (2006) 1886-1888		BL39XU	Hard X-ray Photoelectron Emission Microscopy as Tool for Studying Buried Layers
33786	Takehiro Fukuyama	48 (2009) 06FC03		BL46XU	Effect of Molecular Structure on Depth Profile of Acid Generator Distribution in Chemically Amplified Resist Films
33939	Yukihiro Sugao	55 (2016) 087301		BL19B2 BL40B2	Gelled Colloidal Crystals as Tunable Optical Filters for Spectrophotometers

Journal of Electron Spectroscopy and Related Phenomena

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33653	Yuji Saitoh	144-147 (2005) 829-832	原研	BL22XU BL25SU	Photoemission and Core-Level Absorption Spectroscopy of Fe _x NbS ₂
33682	Maria Piancastelli	156-158 (2007) 259-264		BL27SU	Electronic Structure of Core-Excited and Core-Ionized Methyl Oxirane
33685	Alberto De Fanis	137-140 (2004) 265-269		BL27SU	Satellite Excitations Due to Internal Inelastic Scattering in the K-shell Photoemission from CO ₂
33693	Oksana Travnikova	181 (2010) 129-134		BL27SU	Selective Vibrational Excitation in the Resonant Auger Decay Following Core-to- π^* Transitions in N ₂ O
33740	Munetaka Taguchi	190 (2013) 242-248	理研	BL29XU	Hard X-ray Photoelectron Spectroscopy: A Few Recent Applications

Journal of the American Chemical Society

33527	Alicea A. Leitch	133 (2011) 6051-6050		BL10XU	From Magnets to Metals: The Response of Tetragonal Bisdiselenazoyl Radicals to Pressure
33546	John Tse	132 (2010) 4876-4886		BL10XU	Metallization of a Hypervalent Radical Dimer: Molecular and Band Perspectives
33565	Di Tian	137 (2015) 14136-14148		BL10XU	The Metallic State in Neutral Radical Conductors: Dimensionality, Pressure and Multiple Orbital Effects
33573	Hiromitsu Uehara	133 (2011) 11932-11935		BL13XU	Porous Coordination Polymer Hybrid Device with Quartz Oscillator: Effect of Crystal Size on Sorption Kinetics
33908	Maiko Obana	138 (2016) 9246-9250	理研	BL45XU	Self-Sorting in the Formation of Metal-Organic Nanotubes: A Crucial Role of 2D Cooperative Interactions

Journal of Synchrotron Radiation

33525	Hiroyuki Oyanagi	6 (1999) 155-157	装置技術	BL10XU	Rapid and Sensitive XAFS using a Tunable X-ray Undulator
33574	O. Ponomarenko	18 (2011) 580-594		BL13XU	Radiation-Induced Melting in Coherent X-ray Diffraction Imaging at the Nanoscale
33622	Yujiro Hayashi	12 (2005) 685-689	理研	BL19LXU	Determination of the Dynamic Deformation Tensor by Time-Resolved Triple-Crystal Diffractometry
33634	Jordan Thurgood	23 (2016) 324-330		BL20B2	Imaging Lung Tissue Oscillations using High-Speed X-ray Velocimetry

Journal of the Physical Society of Japan

33523	Ajay Gupta	73 (2004) 423-429		BL09XU	Pure Nuclear Reflection from ^{natural} FeN _{0.7} / ⁵⁷ FeN _{0.7} Multilayer
33524	Taikan Harami	75 (2006) 125002		BL09XU	Observation of Nuclear Excitation of ¹⁹ F by Synchrotron Radiation
33567	Jobu Matsuno	73 (2004) 2768-2770	原研	BL11XU	Effects of Charge Disproportionation on the Phonon Density of States in Fe Perovskite
33778	Alfred Q. R. Baron	82 (2013) SA029	理研	BL35XU BL43LXU	Toward Sub-meV, Momentum-Resolved, Inelastic X-Ray Scattering Using a Nuclear Analyzer

Physica B

33646	A. M. Mulder	378-380 (2006) 367-368		BL25SU	Orbital Order in DyB ₂ C ₂ Studied with Resonant Soft X-ray Scattering
33647	Akihiko Shigemoto	351 (2004) 289-291		BL25SU	Temperature Dependence of High-Energy Photoemission Spectra of YbB ₁₂
33652	Takeshi Iwasaki	281-282 (2000) 105-107		BL25SU	Resonance Photoemission Study of CePtP
33737	Masahiro Sawada	383 (2006) 152-154	理研	BL47XU BL29XU	Hard X-ray Photoemission Spectroscopy of Pyrochlore Molybdenum Oxide R ₂ Mo ₂ O ₇ (R=Sm, Tb)

Physical Review A

33658	Michele Alagia	71 (2005) 012506		BL27SU	Core Level Ionization Dynamics in Small Molecules Studied by X-ray-Emission Threshold-Electron Coincidence Spectroscopy
33683	R. Feifel	74 (2006) 062717		BL27SU	Quenching and Restoring A ² Π Cationic State in Resonant Auger Electron Spectra of CO in the Vicinity of the O 1s → 2π Resonance
33714	Hidekazu Mimura	77 (2008) 015812	理研	BL29XU	Direct Determination of the Wave Field of an X-ray Nanobeam
33866	Koudai Toyota	95 (2017) 043412	装置技術		Interplay between Relativistic Energy Corrections and Resonant Excitations in X-ray Multiphoton Ionization Dynamics of Xe Atoms

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
33942	Go Ueno	1741 (2016) 050021	理研	BL32XU	Remote Access and Automation of SPring-8 MX Beamlines
33943	Hirokatsu Yumoto	1741 (2016) 040007	理研	BL29XU	X-ray Microfocusing with Off-Axis Ellipsoidal Mirror
33944	Yoshihito Tanaka	1741 (2016) 040029	理研	BL19LXU	X-ray Beam Transfer between Hollow Fibers for Long-Distance Transport
			理研	BL29XU	

Applied Physics Letters

33564	Serge Desgreniers	107 (2015) 221908		BL10XU	High Pressure-Low Temperature Phase Diagram of Barium: Simplicity Versus Complexity
33781	Yuji Sasaki	89 (2006) 053121	理研	BL44B2	Observations of X-ray Radiation Pressure Force on Individual Gold Nanocrystals
33799	Hidekazu Tanaka	98 (2011) 133505		BL47XU	Nondestructive Estimation of Depletion Layer Profile in Nb-doped SrTiO ₃ (La, Ba)MnO ₃ Heterojunction Diode Structure by Hard X-ray Photoemission Spectroscopy

Journal of Applied Physics

33547	Masashi Ishii	94 (2003) 3823-3827		BL10XU	Study on Atomic Coordination around Er Doped in to Anatase- and Rutile- TiO ₂ : Er-O Clustering Dependent on the Host Crystal Phase
33694	Amandine Bocheux	115 (2014) 194302		BL27SU	Doping of ZnO Nanowires using Phosphorus Diffusion from a Spin-on Doped Glass Source
33789	Kenji Nomura	109 (2011) 073726		BL47XU	Depth Analysis of Subgap Electronic States in Amorphous Oxide Semiconductor, a-In-Ga-Zn-O, Studies by Hard X-ray Photoelectron Spectroscopy

Journal of Magnetism and Magnetic Materials

33625	Yoshikazu Tanaka	310 (2007) 730-731	理研	BL19LXU	X-ray Diffraction Studies of Multipole Ordering in a Strongly Correlated Electron System
33787	Youichi Murakami	310 (2007) 723-729		BL46XU	Mechanism of Resonant X-ray Scattering to Observe the Orbital Ordering
33788	Subrojati Bosu	369 (2014) 211-218		BL46XU	Effect of Chemical Ordering on 90° Interlayer Coupling in Epitaxial Co-Fe/Cr/Co-Fe Thin Films

Journal of Solid State Chemistry

33592	Y. G. Shi	182 (2009) 881-887		BL15XU	Magnetic and Charge Transport Properties of the Na-based Os Oxide Pyrochlore
33644	Kenji Yoshii	152 (2000) 577-581		BL25SU	Magnetic Order in Perovskite Pr _{1-x} Ba _x CoO ₃ Studied by Magnetic Circular Dichroism (MCD) Spectroscopy
33987	Hai L. Feng	243 (2016) 119-123		BL15XU	The Role of Nonmagnetic d ⁰ vs. d ¹⁰ B-type Cations on the Magnetic Exchange Interactions in Osmium Double Perovskites

Physical Review C

33802	A. I. Titov	72 (2005) 035206		BL33LEP	Coherent Θ^+ and $\Lambda(1520)$ Photoproduction off the Deuteron
33803	A. I. Titov	70 (2004) 042202(R)		BL33LEP	Θ^+ Production at High Energy
33804	A. I. Titov	74 (2006) 055206		BL33LEP	Θ^+ Formation in Inclusive $\gamma D \rightarrow p K^+ X$

Physical Review Letters

33706	Jianwei Miao	97 (2006) 215503	理研	BL29XU	Three-Dimensional GaN-Ga ₂ O ₃ Core Shell Structure Revealed by X-Ray Diffraction Microscopy
33707	Jianwei Miao	95 (2005) 085503	理研	BL29XU	Quantitative Image Reconstruction of GaN Quantum Dots from Oversampled Diffraction Intensities Alone
33941	Sun-Young Ryu	116 (2016) 232001		BL31LEP	Interference Effect between ϕ and $\Lambda(1520)$ Production Channels in the $\gamma p \rightarrow K^+ K^0 p$ Reaction Near Threshold

Physical Review Special Topics - Accelerators and Beams

33861	Tatsuyuki Sakurai	20 (2017) 042003	加速器		C-band Disk-Loaded-Type Accelerating Structure for a High Acceleration Gradient and High-Repetition-Rate Operation
33900	Kouichi Soutome	20 (2017) 064001	加速器		Higher-Order Formulas of Amplitude-Dependent Tune Shift Caused by a Sextupole Magnetic Field Distribution
33948	A. Lüdeke	19 (2016) 082802	一般		Common Operation Metrics for Storage Ring Light Sources

Scientific Reports

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33532	Toshiro Oda	6 (2016) 34539	理研	BL45XU	Early Nucleation Events in the Polymerization of Actin, Probed by Time-Resolved Small-Angle X-ray Scattering
33867	Satoshi Matsuyama	7 (2017) 46358	装置技術 理研	BL29XU	50-nm-Resolution Full-Field X-ray Microscope without Chromatic Aberration using Total-Reflection Imaging Mirrors
33977	B. A. Gray	6 (2016) 33184		BL15XU	Superconductor to Mott Insulator Transition in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{LaCaMnO}_3$ Heterostructures

Applied Surface Science

33590	Mykhailo Vorokhta	267 (2013) 119-123		BL15XU	Nanostructure Pt-CeO ₂ Thin Film Catalyst Grown on Graphite Foil by Magnetron Sputtering
33715	Jungjin Kim	252 (2006) 5602-5606	理研	BL47XU BL29XU	High Resolution Hard X-ray Photoemission using Synchrotron Radiation as an Essential Tool for Characterization of Thin Solid Films

Biochemical and Biophysical Research Communications

33654	Tomoya Kawazoe	355 (2007) 385-391	理研 理研	BL26B2 BL26B1	Structural Basis of D-DOPA Oxidation by D-amino Acid Oxidase: Alternative Pathway for Dopamine Biosynthesis
33769	Sivaraman Padavattan	464 (2015) 929-935		BL41XU	Structural and Functional Analyses of Nucleosome Complexes with Mouse Histone Variants TH2a and TH2b, Involved in Reprogramming

The FEBS Journal

33783	Kazuya Nishio	277 (2010) 2157-2170		BL44XU	Large Conformational Changes in the <i>Escherichia coli</i> Tryptophan Synthase β_2 Subunit upon Pyridoxal 5'-phosphate Binding
33950	SangJae Lee	283 (2016) 3613-3625		BL44XU BL26B1	Crystal Structures of Spleen Tyrosine Kinase in Complex with Novel Inhibitors: Structural Insights for Design of Anticancer Drugs

Journal of Molecular Biology

33530	Fumiko Matsumoto	342 (2004) 1209-1221	理研	BL45XU	Conformational Changes of Troponin C Within the Thin Filaments Detected by Neutron Scattering
33750	Daizo Hamada	365 (2007) 187-195		BL40B2	Tetrameric Structure of Thermostable Direct Hemolysin from <i>Vibrio parahaemolyticus</i> Revealed by Ultracentrifugation, Small-Angle X-ray Scattering and Electron Microscopy

New Journal of Physics

33688	Takahiro Tanaka	12 (2010) 123017		BL27SU	Bending-Induced Diminution of Shape Resonances in the Core-Level Absorption Region of Hot CO ₂ and N ₂ O
33689	Ralph Püttner	15 (2013) 033003		BL27SU	Hidden Double Excitations in the Oxygen Inner-Shell Ionization Continuum of CO

Physica Scripta

33638	Masahito Tanaka	T115 (2005) 873-876	原研	BL23SU	First Observation of Natural Circular Dichroism for Biomolecules in Soft X-ray Region Studied with a Polarizing Undulator
33641	Akane Agui	T115 (2005) 611-613	原研	BL23SU	Direct Observation of the Fe Substitution Effect on the MCD Spectra of the Dysprosium Iron Garnet Family

Radiation Physics and Chemistry

33415	Marek Brancewicz	78 (2009) S137-S139		BL08W	Electron Momentum Density of Hexagonal Magnesium Studied by High-Resolution Compton Scattering
33705	Yukihiro Taguchi	75 (2006) 2072-2075	理研	BL29XU	Ir 4f Hard X-ray Photoemission Spectrum of CuIr_2S_4

Thin Solid Films

33801	Hiroki Kondo	517 (2008) 297-299		BL47XU	Formation of High-Density Si Nanodots by Agglomeration of Ultra-Thin Amorphous Si Films
33891	Takeshi Fukuda	612 (2016) 373-380		BL46XU	Molecular Ordering of Spin-Coated and Electrospayed P3HT:PCBM Thin Films and Their Applications to Photovoltaic Cell

高分子論文集 (Japanese Journal of Polymer Science and Technology) -1

33575	Tomoyuki Koga	64 (2007) 269-279		BL13XU	Two-Dimensional Molecular Aggregation Structure and Thermal Molecular Motion of Polyalkylsiloxane Ultrathin Films
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高分子論文集 (Japanese Journal of Polymer Science and Technology) -2

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33761	Kohji Tashiro	66 (2009) 536-549		BL40B2	Evolution Process of Regular Structure in Isothermal Crystallization Phenomena of Crystalline Polymers Viewed from Synchrotron Small- and Wide-Angle X-ray Scatterings and Vibrational Spectroscopy

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

33868	Taito Osaka	30 (2017) 145-151	光学系	BL3	Development of Wavelength-Tunable Hard X-ray Split-and-Delay Optics: Current Status and Future Perspectives
			理研	BL29XU	
33982	Shin-ichi Adachi	29 (2016) 5-13	装置技術	BL3	Reaction Dynamics in Liquid Phase Revealed by Ultrafast Time-Resolved X-ray Solution Scattering

Acta Crystallographica Section D

33767	Masatake Akita	60 (2004) 1490-1492		BL41XU	Crystallization and Preliminary X-ray Study of Alkaline Mannanase from an Alkaliphilic <i>Bacillus Isolate</i>
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Advanced Functional Materials

33780	Sofie Kastbjerg	23 (2013) 5477-5483	理研	BL44B2	Direct Evidence of Cation Disorder in Thermoelectric Lead Chalcogenides PdTe and PbS
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American Mineralogist

33626	Akira Tsuchiyama	90 (2005) 132-142		BL20B2	Quantitative Evaluation of Attenuation Contrast of X-ray Computed Tomography Images using Monochromatized Beams
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Applied Optics

33635	Huiqiang Liu	54 (2015) 5610-5618		BL20B2	Optimization of Reconstructed Quality of Hard X-ray Phase Microtomography
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Applied Sciences

33981	Makina Yabashi	7 (2016) 604	装置技術	BL3	Status of the SACLA Facility
			装置技術	BL2	

Biophysics

33531	Tatsuhito Matsuo	9 (2013) 99-106	理研	BL45XU	Difference in Hydration Structures between F-actin and Myosin Subfragment-1 Detected by Small-Angle X-ray and Neutron Scattering
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Biophysics and Physicobiology

33529	Tatsuhito Matsuo	12 (2015) 145-158	理研	BL45XU	Structure of the Troponin Core Domain Containing the Cardiomyopathy-Causing Mutants Studied by Small-Angle X-ray Scattering
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Chemical Physics Letters

33665	Rami Sankari	422 (2006) 51-57		BL27SU	High Resolution O 1s Photoelectron Shake-up Satellite Spectrum of H ₂ O
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Chemosphere

33885	Yifei Sun	159 (2016) 668-675		BL28B2	Influence of Activated-Carbon-Supported Transition Metals on the Decomposition of Polychlorobiphenyls. Part II: Chemical and Physical Characterization and Mechanistic Study
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Corrosion Science

33582	Shigeru Suzuki	49 (2007) 1081-1096		BL14B1	<i>Ex-situ</i> and <i>in-situ</i> X-ray Diffractions of Corrosion Products Freshly Formed on the Surface of an Iron-Silicon Alloy
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Current Applied Physics

33588	Mina Jun	9 (2009) e165-e168		BL15XU	Investigation on the Electronic State of In-doped ZnO Nanocrystals by Hard X-ray Photoemission Spectroscopy
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Current Opinion in Structural Biology

33864	Osamu Miyashita	43 (2017) 163-169	装置技術		X-ray Free Electron Laser Single-Particle Analysis for Biological Systems
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Earth and Planetary Science Letters

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33526	Michael Walter	222 (2004) 501-516		BL10XU	Phase Relations and Equation-of-State of Aluminous Mg-Silicate Perovskite and Implications for Earth's Lower Mantle

Extremophiles

33919	Hyejin Yoon	20 (2016) 723-731		BL44XU	Crystal Structure of a Putative Oligopeptide-Binding Periplasmic Protein from a Hyperthermophile
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Geochimica et Cosmochimica Acta

33561	Yoshiyuki Tatsumi	143 (2014) 23-33		BL10XU	Accumulation of 'Anti-Continent' at the Base of the Mantle and its Recycling in Mantle Plumes
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Geriatrics & Gerontology International

33702	Naoto Fukuyama	15 (2015) 74-80		BL28B2	Altered Blood Flow in Cerebral Perforating Arteries of Rat Models of Diabetes: A Synchrotron Radiation Microangiographic Study toward Clinical Evaluation of White Matter Hyperintensities
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High Energy Density Physics

33865	Hikaru Kitamura	22 (2017) 51-54	理論		Bloch Equations for Intense X-rays
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Hyperfine Interactions

33718	V. V. Krishnamurthy	136 (2001) 361-365	理研	BL29XU	Local Moment of Ir in Fe, Co and Ni Hosts Probed by Ir $L_{2,3}$ Edge X-Ray Magnetic Circular Dichroism
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Inorganic Chemistry

33609	Shoubao Zhang	52 (2013) 10610-10614		BL19B2	Solid Solution of Pauli-Paramagnetic $\text{CaCu}_3\text{V}_4\text{O}_{12}$ and Antiferromagnetic $\text{CaMn}_3\text{V}_4\text{O}_{12}$
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Insight

33636	Keiko Imamura	51 (2009) 12-15		BL20B2	Sensitive Inspection of Void Defects using Synchrotron Refraction Imaging with Quantitative Modeling of Contrast Enhancement
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Institute of Physics Conference Series

33696	Alberto De Fanis	183 (2005) 63-72		BL27SU	Doppler-Free Resonant Auger Raman Spectroscopy on Atoms and Molecules at SPring-8
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International Journal of Electrochemical Science

33593	R. Fiala	8 (2013) 10204-10218		BL15XU	Electro-Oxidation Activity of Pt-CeO _x Carbon Supported Catalysts
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IUCrJ

33863	John Spence	4 (2017) 322-339	装置技術		XFELs for Structure and Dynamics in Biology
			一般		

Journal of Alloys and Compounds

33623	L. -S. Hsu	439 (2007) 9-12	理研	BL19LXU	Experimental and Theoretical Study of the Electronic and Magnetic Structures of $\text{Mn}_{1-x}\text{Cr}_x\text{Au}_2$
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Journal of Applied Physiology

33699	Takashi Sonobe	111 (2011) 75-80		BL28B2	Imaging of the Closed-Chest Mouse Pulmonary Circulation using Synchrotron Radiation Microangiography
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The Journal of Biological Chemistry

33765	Kosuke Aritake	281 (2006) 15277-15286		BL41XU	Structural and Functional Characterization of HQL-79, an Orally Selective Inhibitor of Human Hematopoietic Prostaglandin D Synthase
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Journal of Geophysical Research

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33627	Satoshi Okumura	115 (2010) B06201		BL20B2	Shear Deformation Experiments on Vesicular Rhyolite: Implications for Brittle Fracturing, Degassing, and Compaction of Magmas in Volcanic Conduits

Journal of Mineralogical and Petrological Sciences

33743	Kiyonori Michiba	108 (2013) 326-334		BL37XU	Crystal Structure of Hydroxylbastnäsité-(Ce) from Kamihouri, Miyazaki Prefecture, Japan
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Journal of Modern Optics

33984	Bernhard W. Adams	60 (2013) 2-21	光学系		X-ray Quantum Optics
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The Journal of Physical Chemistry B

33921	Yuka Horikawa	120 (2016) 7480-7487	理研	BL17SU	Correlation between Soft X-ray Absorption and Emission Spectra of the Nitrogen Atoms within Imidazolium-Based Ionic Liquids
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Journal of Physics: Condensed Matter

33775	Yoshikazu Tanaka	22 (2010) 122201		BL43IR	Determination of the Absolute Chirality of Tellurium using Resonant Diffraction with Circularly Polarized X-rays
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JPS Conference Proceedings

33875	Yuji Matsumura	10 (2016) 032011	装置技術	BL33LEP	The Performance Study of an Electro-Magnetic Calorimeter for the LEPS2/BGOegg Experiment
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Matrix Biology

33764	Leona Ho	38 (2014) 59-68		BL40XU	A Comparison of Glycosaminoglycan Distributions, Keratan Sulphate Sulphation Patterns and Collagen Fibril Architecture from Central to Peripheral Regions of the Bovine Cornea
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Meteoritics and Planetary Science

33792	Frans J. M. Rietmeijer	43 (2008) 121-134		BL47XU	Origin and Formation of Iron Silicide Phases in the Aerogel of the Stardust Mission
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Microelectronic Engineering

33800	Motonobu Sato	112 (2013) 110-115		BL47XU	Electrical Properties and Reliability of Networked-Nanographite Wires Grown on SiO ₂ Dielectric without Catalysts for Multi-Layer Graphene Interconnects
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Nature Communications

33934	Kazuki Kato	7 (2016) 12198		BL41XU	Structural and Functional Insights into IZUMO1 Recognition by JUNO in Mammalian Fertilization
			理研	BL32XU	

Nuclear Instruments and Methods in Physics Research Section B

33640	Ken Akamatsu	199 (2003) 328-331	原研	BL23SU	Infrared Spectral Change in 2-deoxy-D-ribose by Irradiation with Monochromatic Photons around Oxygen K-edge
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Optics Express

33498	Makoto Hirose	25 (2017) 8593-8603	理研	BL29XU	Use of Kramers–Kronig Relation in Phase Retrieval Calculation in X-ray Spectro-Ptychography
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Physical Review E

33779	Yuji Sasaki	62 (2000) 3843-3847	理研	BL44B2	Tracking of Individual Nanocrystals using Diffracted X Rays
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PLoS One

33763	Sally Hayes	8 (2013) e0052860		BL40XU	The Effect of Riboflavin/UVA Collagen Cross-Linking Therapy on the Structure and Hydrodynamic Behaviour of the Ungulate and Rabbit Corneal Stroma
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Polyhedron

33749	Masayuki Suda	28 (2009) 1868-1874		BL39XU	Size-Reduction Induced Ferromagnetism and Photo-Magnetic Effects in Azobenzene-Thiol-Passivated Gold Nanoparticles
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Polymer

研究成果番号	主著者	雑誌情報		ビームライン	タイトル
33952	Taiki Hoshino	105 (2016) 487-499	理研	BL19LXU	Observation of Constraint Surface Dynamics of Polystyrene Thin Films by Functionalization of a Silsesquioxane Cage
			理研	BL45XU	

Polymer Journal

33762	Yasuya Kudo	42 (2010) 812-817		BL40B2	Flexibility and Local Structure of a Worm-Like Cylinder of Self-Assembled Discotic Triazine Triamide
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Pramana - Journal of Physics

33736	V. V. Krishnamurthy	58 (2002) 761-767	理研	BL29XU	X-ray Magnetic Circular Dichroism at Ir _{L2,3} Edges in Fe _{100-x} Ir _x and Co _{100-x} Ir _x Alloys: Magnetism of 5d Electronic State
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Proceedings of SPIE

33924	Yoshitomo Maeda	9905 (2016) 99053Z		BL01B1	Reflectivity around the Gold L-edges of X-ray Reflector of the Soft X-ray Telescope Onboard ASTRO-H
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Proceedings of the National Academy of Sciences of the United States of America

33560	Ranga P. Dias	110 (2013) 11720-11724		BL10XU	Superconductivity in Highly Disordered Dense Carbon Disulfide
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Progress in Nuclear Science and Technology

33880	Atsushi Mukunoki	91 (2016) 339-344		BL04B2	Microscopic Structural Analysis of Lead Borate-Based Glass
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Protein Engineering Design and Selection

33747	Len Ito	24 (2011) 269-274		BL38B1	High-Resolution X-ray Analysis Reveals Binding of Arginine to Aromatic Residues of Lysozyme Surface: Implication of Suppression of Protein Aggregation by Arginine
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Review of Scientific Instruments

33562	Masashi Ishii	76 (2005) 123905		BL10XU	X-ray-absorption Fine Structure Measurement with Parallel-Plate Capacitor: Observation of Surface Electronic States of Metals
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Science in China Series G

33586	Liling Sun	48 (2005) 716-722	原研	BL14B1	Phase Transition in Pd ₄₀ Ni ₁₀ Cu ₃₀ P ₂₀ Bulk Metallic Glass under HP & HT
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Solid State Ionics

33608	Ewa Rönnebro	176 (2005) 2749-2757		BL19B2	Comparative Studies of Mechanical and Electrochemical Lithiation of Intermetallic Nanocomposite Alloys for Anode Materials in Li-Ion Batteries
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Surface and Interface Analysis

33591	Masaaki Kobata	43 (2011) 1632-1635		BL15XU	Application of Cr K α X-ray Photoelectron Spectroscopy System to Overlayer Thickness Determination
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Surface Science

33596	Michihiro Hashimoto	641 (2015) 121-127	理研	BL17SU	Reaction of Sb on In/Si(111) Surfaces: Heteroepitaxial InSb(111) Formation
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Zeitschrift fur Naturforschung A

33566	Hideaki Shiwaku	60 (2005) 81-84	原研	BL11XU	The Local Structure of Molten CdBr ₂
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薬学雑誌 (Journal of the Pharmaceutical Society of Japan)

33656	Takashi Kumasaka	130 (2010) 649-655	理研	BL26B2	SPRING-8 Structural Biology Beamline
			装置技術	BL38B1	
			装置技術	BL41XU	
			理研	BL26B1	