

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26年7月～9月にその別刷もしくはコピー等を受理したもの（登録時期は問いません）を以下に紹介します。論文の情報（主著者、巻、発行年、ページ、タイトル）に加え、データベースの登録番号（研究成果番号）を掲載していますので、詳細は上記検索ページの検索結果画面でご覧いただくことができます。また実施された課題の情報（課題番号、ビームライン、実験責任者名）も掲載しています。課題番号は最初の4文字が「year」、次の1文字が「term」、後ろの4文字が「proposal no.」となっていますので、この情報から以下の URL で公表している、各課題の英文利用報告書 (SPring-8 User Experiment Report) を探してご覧いただくことができます。

http://www.spring8.or.jp/ja/news_publications/publications/user_exp_report/

今後も利用者情報には発行月の2ヶ月前の月末締めで、前号掲載分以降に登録された論文情報を掲載していく予定です。なお、データベースは毎日更新されていますので、最新情報は SPring-8 論文データベース検索ページでご確認ください。なお、実験責任者の方には、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 2014 年 7 月～9 月に登録された論文が掲載された主な雑誌と掲載論文数

掲載雑誌	登録論文数	掲載雑誌	登録論文数
Journal of the American Chemical Society	9	Inorganic Chemistry	5
The Journal of Physical Chemistry C	8	Chemical Communications	4
Physical Review B	8	Journal of Applied Physics	4
Journal of Physics: Conference Series	7	Journal of Materials Chemistry A	4
Applied Physics Letters	6	Journal of the Physical Society of Japan	4
JPS Conference Proceedings	6	Materials Science Forum	4
Macromolecules	6	Materials Transactions	4
Angewandte Chemie International Edition	5	Nature	4
Dalton Transactions	5		

他全 139 誌、計 252 報

課題の成果として登録された論文

Journal of the American Chemical 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
26898	Kate Harris	135 (2013) 12497-12499	2012A0039	BL38B1	藤田 誠	M ₁₂ L ₂₄ Spheres with Endo and Exo Coordination Sites: Scaffolds for Non-Covalent Functionalization
			2012A0042	BL41XU	藤田 誠	
			2012B0039	BL38B1	藤田 誠	
			2012B0042	BL41XU	藤田 誠	
26906	Shiki Yagai	134 (2012) 7983-7994	2011B1702	BL02B2	矢貝 史樹	Supramolecularly Engineered Perylene Bisimide Assemblies Exhibiting Thermal Transition from Columnar to Multilamellar Structures
26916	Takafumi Yamamoto	134 (2012) 11444-11454	2011B1231	BL02B2	陰山 洋	(Sr _{1-x} Ba _x)FeO ₂ (0.4 ≤ x ≤ 1): A New Oxygen-Deficient Perovskite Structure
26978	Rui Zhang	136 (2014) 8193-8196	2013A1489	BL38B1	若宮 淳志	Synthesis and Structure of an Open-Cage Thiafullerene C ₆₉ S: Reactivity Differences of an Open-Cage C ₇₀ Tettraketone Relative to Its C ₆₀ Analogue
			2013B1138	BL38B1	若宮 淳志	
27130	Chikako Mitsui	134 (2012) 5448-5451	2011B1878	BL02B1	竹谷 純一	Naphtho[2,1- <i>b</i> :6,5- <i>b'</i>]difuran: A Versatile Motif Available for Solution-Processed Single-Crystal Organic Field- Effect Transistors with High Hole Mobility
27241	Syue-Yi Lyu	136 (2014) 10989-10995	2011B4007	BL12B2	Li Tsung Lin	Multiple Complexes of Long Aliphatic <i>N</i> -Acytransferases Lead to Synthesis of 2,6-Diacylated/2-Acyl-Substituted Glycopeptide Antibiotics, Effectively Killing Vancomycin- Resistant Enterococcus
27266	Hai Feng	136 (2014) 3326-3329	2012B4506	BL15XU	山浦 一成	High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite Ca ₂ FeOsO ₆
			2013A4504	BL15XU	山浦 一成	
			2013B4503	BL15XU	山浦 一成	
27270	Youguo Shi	135 (2013) 16507-16516	2011B4514	BL15XU	松下 能孝	High-Pressure Synthesis of 5d Cubic Perovskite BaOsO ₃ at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series
			2012B4506	BL15XU	山浦 一成	
			2013A4504	BL15XU	山浦 一成	
27469	Koji Oohora	135 (2013) 17282-17285	2013A6854	BL44XU	溝端 栄一	C(sp ³)-H Bond Hydroxylation Catalyzed by Myoglobin Reconstituted with Manganese Porphycene

Physical Review B

26972	Shingo Yamamoto	89 (2014) 064423	2012A1848	BL25SU	中村 哲也	Observation of a Giant Kerr Rotation in a Ferromagnetic Transition Metal by <i>M</i> -edge Resonant Magneto-optic Kerr Effect
			2012B7441	BL07LSU	松田 巖	
26981	Kengo Oka	88 (2013) 014112	2012A1629	BL01B1	東 正樹	Intermetallic Charge-Transfer Transition in Bi _{1-x} La _x NiO ₃ as the Origin of the Colossal Negative Thermal Expansion
26995	Takahiro Urata	89 (2014) 024503	2011B1319	BL02B1	谷垣 勝己	Kondo-like Mass Enhancement of Dirac Fermions in Ba(Fe _{1-x} Mn _x As) ₂
			2012A1639	BL02B1	谷垣 勝己	
			2012A1627	BL02B2	谷垣 勝己	
			2012B1032	BL02B2	谷垣 勝己	
			2013A1253	BL02B2	谷垣 勝己	
27032	Naoki Ishimatsu	90 (2014) 014422	2012A1380	BL39XU	石松 直樹	α - ϵ Transition Pathway of Iron under Quasihydrostatic Pressure Conditions
			2013A1460	BL39XU	石松 直樹	
			2013B1284	BL39XU	石松 直樹	
27089	Chao Zhou	89 (2014) 100101(R)	2010A4504	BL15XU	Ren Xiaobing	Inverse Effect of Morphotropic Phase Boundary on the Magnetostriiction of Ferromagnetic Tb _{1-x} Gd _x Co ₂
			2010B4508	BL15XU	Ren Xiaobing	
			2011B4513	BL15XU	Ren Xiaobing	
27113	Takahiro Matsuoka	89 (2014) 144103	2011B0038	BL10XU	清水 克哉	Pressure-Induced Reentrant Metallic Phase in Lithium
			2012A0038	BL10XU	清水 克哉	
			2012B0038	BL10XU	清水 克哉	
27115	Yukio Takahashi	90 (2014) 024423	2011B3823	BL23SU	藤森 淳	Orbital Magnetic Moment and Coercivity of SiO ₂ -coated FePt Nanoparticles Studied by X-ray Magnetic Circular Dichroism
			2012A3823	BL23SU	藤森 淳	
			2011A3840	BL23SU	藤森 淳	
27118	Toshiya Inami	90 (2014) 041108(R)	2012A3711	BL22XU	稲見 俊哉	Large Ferroquadrupole Moment Induced in the Octupole-Ordered Ce _{0.7} La _{0.3} B ₆ Revealed by High- Resolution X-ray Diffraction
			2012B3711	BL22XU	稲見 俊哉	
			2013A3711	BL22XU	稲見 俊哉	

The Journal of Physical Chemistry C

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26390	Akitaka Yoshigoe	118 (2014) 9436-9442	2006A3803	BL23SU	寺岡 有殿	Synchrotron Radiation Photoelectron Spectroscopy Study on Oxide Evolution during Oxidation of a Si(111)-7×7 Surface at 300 K: Comparison of Thermal Equilibrium Gas and Supersonic Molecular Beams for Oxygen Adsorption
			2005B3803	BL23SU	寺岡 有殿	
26912	Kaku Satou	116 (2012) 25293-25299	2011A1292	BL04B2	脇原 徹	Characterization of Amorphized Zeolite A by Combining High-Energy X-ray Diffraction and High-Resolution Transmission Electron Microscopy
			2010B1230	BL04B2	脇原 徹	
26930	Shuji Goto	118 (2014) 2634-2640	2012A5340	BL16B2	細井 慎	Particle-Size- and Ru-Core-Induced Surface Electronic States of Ru-Core/Pt-Shell Electrocatalyst Nanoparticles
			2012B5340	BL16B2	細井 慎	
			2013A5340	BL16B2	細井 慎	
27031	Martin Martis	117 (2013) 22805-22810	2012B1058	BL01B1	森 浩亮	Amine-Functionalized MIL-125 with Imbedded Palladium Nanoparticles as an Efficient Catalyst for Dehydrogenation of Formic Acid at Ambient Temperature
			2012A1061	BL01B1	森 浩亮	
27034	Shohei Ikurumi	118 (2014) 575-581	2012A1061	BL01B1	森 浩亮	Enhanced Activity and Selectivity in the One-pot Hydroxylation of Phenol by Pd/SiO ₂ @Fe-containing Mesoporous Silica Core-shell Catalyst
			2012B1058	BL01B1	森 浩亮	
27314	Yongtao Zou	117 (2013) 24518-24526	2011B1372	BL04B1	Greaux Steeve	Unusual Pressure Effect on the Shear Modulus in MgAl ₂ O ₄ Spinel
27415	Naoto Kitamura	118 (2014) 18846-18852	2013A1222	BL04B2	井手本 康	Proton Distribution and Dynamics in Y- and Zn-Doped BaZrO ₃
27433	Haruno Murayama	118 (2014) 20750-20755	2010B1033	BL13XU	小久見 善八	Spectroscopic X-ray Diffraction for Microfocus Inspection of Li-Ion Batteries
			2011B1036	BL46XU	小久見 善八	
			2012A7602	BL28XU	小久見 善八	
			2012B7602	BL28XU	小久見 善八	
			2013A7602	BL28XU	小久見 善八	

Journal of Physics: Conference Series

24551	Kento Mishima	417 (2013) 012013	2011A0026	BL46XU	宮崎 誠一	Characterization of Ultrathin Ta-oxide Films Formed on Ge(100) by ALD and Layer-by-Layer Methods
25765	Hiroshi Yamazaki	425 (2013) 052001	2011B1059	BL13XU	山崎 裕史	Improvement in Stability of SPring-8 X-ray Monochromators with Cryogenic-cooled Silicon Crystals
27013	Takeo Ejima	463 (2013) 012047	2013A1041	BL27SU	江島 丈雄	Chemical Shift Images of Organells in Leydig Cells of Mice Tests
27197	Hirokazu Kadobayashi	500 (2014) 182017	2013A1713	BL10XU	平井 寿子	A Possible Existence of Phase Change of Deuterated Ice VII at about 11 GPa by X-ray and Raman Studies
27198	Hisako Hirai	500 (2014) 192006	2010A1091	BL10XU	平井 寿子	Phase Changes Induced by Guest Orientational Ordering of Filled Ice I _h Methane Hydrate under High Pressure and Low Temperature
			2012B1208	BL10XU	平井 寿子	
27203	Fujio Kakinuma	502 (2014) 012029	2012A1097	BL04B2	柿沼 藤雄	A Structural Study of Liquid Te-Rich Si-Te Alloys
27475	Yasuhiko Imai	502 (2014) 012026	2011A1321	BL13XU	今井 康彦	High-resolution X-ray Microdiffraction from a Locally Strained SOI with a Width of 150 nm

Applied Physics Letters-1

26968	Takashi Fujisawa	105 (2014) 012905	2006A1370	BL13XU	坂田 修身	Direct Observation of Intrinsic Piezoelectricity of Pb(Zr,Ti)O ₃ by Time-Resolved X-ray Diffraction Measurement using Single-Crystalline Films
			2006B1457	BL13XU	坂田 修身	
			2005B0189	BL13XU	舟窪 浩	
			2009A1356	BL13XU	舟窪 浩	
			2012A1309	BL13XU	舟窪 浩	
			2007A1349	BL13XU	舟窪 浩	
			2012B1656	BL13XU	江原 祥隆	
27020	Kei Shigematsu	104 (2014) 261901	2012B1088	BL47XU	豊田 智史	Sr ₂ MgMoO _{6-δ} Thin Films Fabricated using Pulsed-Laser Deposition with High Concentrations of Oxygen Vacancies
27069	Downon Seo	101 (2012) 261901	2011A1263	BL20XU	戸田 裕之	Spatial Resolution of Synchrotron X-ray Microtomography in High Energy Range: Effect of X-ray Energy and Sample-to-Detector Distance
			2011B1111	BL20XU	戸田 裕之	
27072	Masaki Kobayashi	105 (2014) 032403	2012B3823	BL23SU	藤森 淳	Spin and Orbital Magnetic Moments of Fe in the n-type Ferromagnetic Semiconductor (In,Fe)As

Applied Physics Letters-2

研究成果番号	著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
27240	Masataka Imura	103 (2013) 162110	2009B4606	BL15XU	井村 将隆	Impact of Mg Concentration on Energy-Band-Depth Profile of Mg-Doped InN Epilayers Analyzed by Hard X-ray Photoelectron Spectroscopy
			2010A4607	BL15XU	井村 将隆	
			2010B4603	BL15XU	井村 将隆	
			2011A4612	BL15XU	長田 貴弘	
			2011B4602	BL15XU	井村 将隆	
			2012A4608	BL15XU	井村 将隆	
27306	Kosuke Suzuki	105 (2014) 072412	2013A1270	BL08W	桜井 浩	Magnetic Switching Behaviors of Orbital States with Different Magnetic Quantum Numbers in Au/Fe/MgO Multilayer System
			2014A1171	BL08W	桜井 浩	

JPS Conference Proceedings

27007	Tetsuo Okane	3 (2014) 011028	2011B3822	BL23SU	岡根 哲夫	X-ray Magnetic Circular Dichroism Study of Ce _{0.5} Gd _{0.5} Ni
			2010B3835	BL23SU	岡根 哲夫	
27076	Yasuhiro Matsuda	3 (2014) 011044	2010B3711	BL22XU	稲見 俊哉	Valence State in Ce-based Heavy Fermion Compounds at High Magnetic Fields
			2011A3711	BL22XU	稲見 俊哉	
27077	Takeshi Matsumura	3 (2014) 014008	2010B3711	BL22XU	稲見 俊哉	Multiple Order and Fluctuation in Ce _{0.7} La _{0.3} B ₆ Studied by Resonant X-ray Diffraction
			2011A3711	BL22XU	稲見 俊哉	
			2011B3711	BL22XU	稲見 俊哉	
27209	Shunsuke Tsuda	3 (2014) 013007	2011B4615	BL15XU	津田 俊輔	Hard X-ray Photoemission Studies of Metal-Insulator Transition in Ca ₃ (Ru _{1-x} Ti _x) ₂ O ₇
			2012B4607	BL15XU	津田 俊輔	
27236	Kenichiro Hashimoto	3 (2014) 013018	2011B1287	BL43IR	佐々木 孝彦	Optical Response of a Glassy Electronic State in θ -(BEDT-TTF) ₂ CsZn(SCN) ₄
			2012A1096	BL43IR	佐々木 孝彦	
			2012B1087	BL43IR	佐々木 孝彦	
27265	Hai Feng	1 (2014) 012002	2012B4506	BL15XU	山浦 一成	Crystal Structure and Magnetic Properties of Sr ₂ LiOsO ₆
			2013A4504	BL15XU	山浦 一成	

Macromolecules

26904	Atsushi Noro	47 (2014) 4103-4109	2013B1432	BL40B2	野呂 篤史	Photonic Block Copolymer Films Swollen with an Ionic Liquid
27041	Takashi Morioka	40 (2007) 9413-9419	2004A0159	BL40B2	上原 宏樹	Oriented Crystallization Induced by Uniaxial Drawing from Poly(tetrafluoroethylene) Melt
27044	Hiroki Uehara	45 (2012) 7446-7453	2008A1148	BL40B2	上原 宏樹	Phase Transition of Poly(tetramethyl- <i>p</i> -silphenylenesiloxane) As Revealed by <i>in Situ</i> X-ray and NMR Measurements
27055	Kazuhiro Takizawa	47 (2014) 3951-3958	2012A1247	BL40B2	安藤 慎治	Pressure-induced Changes in Crystalline Structures of Polyimides Analyzed by Wide-Angle X-ray Diffraction at High Pressures
27207	Ryohei Ishige	47 (2014) 3860-3870	2012B1234	BL02B2	高原 淳	Unique Difference in Transition Temperature of Two Similar Fluorinated Side Chain Polymers Forming Hexatic Smectic Phase: Poly(2-(perfluorooctyl)ethyl acrylate) and Poly(2-(perfluorooctyl)ethyl vinyl ether)
			2012A1291	BL40XU	高原 淳	
27403	Guanghui Cui	47 (2014) 5989-5999	2010A1180	BL40B2	山本 勝宏	Macroscopic Alignment of Cylinders via Directional Coalescence of Spheres along Annealing Solvent Permeation Directions in Block Copolymer Thick Films
			2012A7216	BL03XU	宮崎 司	
			2012B7266	BL03XU	宮崎 司	
			2013A7216	BL03XU	宮崎 司	
			2013B7264	BL03XU	宮崎 司	

Angewandte Chemie International Edition-1

23937	Ines Delfine	49 (2010) 3912-3915	2007A0015	BL09XU	Cramer Stephen	Observation of Tetrahertz Vibrations in the Nitrogenase FeMo Cofactor by Femtosecond Pump-Probe Spectroscopy - Comparisons with Nuclear Resonance Vibrational Spectroscopy
26907	Shiki Yagai	51 (2012) 6643-6647	2011B1702	BL02B2	矢貝 史樹	Self-Organization of Hydrogen-Bonding Naphthalene Chromophores into J-type Nanorings and H-type Nanorods: Impact of Regioisomerism
26977	Atsushi Wakamiya	53 (2014) 5800-5804	2012A1448	BL38B1	若宮 淳志	On-Top π -Stacking of Quasiplanar Molecules in Hole-Transporting Materials: Inducing Anisotropic Carrier Mobility in Amorphous Films
			2012B1319	BL38B1	若宮 淳志	
			2013A1489	BL38B1	若宮 淳志	
			2013A1634	BL19B2	尾坂 格	

Angewandte Chemie International Edition-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
27035	Hefeng Cheng	53 (2014) 2910-2914	2013A1054	BL01B1	森 浩亮	Surfactant-Free Nonaqueous Synthesis of Plasmonic Molybdenum Oxide Nanosheets with Enhanced Catalytic Activity for Hydrogen Generation from Ammonia Borane under Visible Light
27263	Tomonori Ohba	53 (2014) 8032-8036	2013A1030	BL04B2	大場 友則	Size-Dependent Water Structures in Carbon Nanotubes
			2012B1070	BL04B2	大場 友則	
			2012A1152	BL02B2	大場 友則	

Inorganic Chemistry

26909	Atsuko Kosuga	53 (2014) 6844-6849	2012B3622	BL14B1	松下 正史	Room-Temperature Pressure-Induced Nanostructural CuInTe ₂ Thermoelectric Material with Low Thermal Conductivity
			2013A1043	BL02B2	山田 幾也	
27070	Ikuya Yamada	53 (2014) 7089-7091	2011B1009	BL47XU	山田 幾也	High-Pressure Synthesis Crystal Structure, and Unusual Valence State of Novel Perovskite Oxide CaCu ₃ Rh ₄ O ₁₂
			2012B1171	BL02B2	山田 幾也	
			2013A1042	BL27SU	山田 幾也	
			2013A1689	BL27SU	藤田 晃司	
			2013B1753	BL27SU	東 正樹	
27234	Wei Yi	52 (2013) 14108-14115	2009B4505	BL15XU	Belik Alexei	High-Pressure Synthesis, Crystal Structure, and Properties of In ₂ NiMnO ₆ with Antiferromagnetic Order and Field-Induced Phase Transition
			2011B4512	BL15XU	Belik Alexei	
			2011B4514	BL15XU	松下 能孝	
27397	Satoshi Kajiyama	53 (2014) 3141-3147	2013A1665	BL02B2	西村 真一	Phase Separation of a Hexacyanoferrate-Bridged Coordination Framework under Electrochemical Na-ion Insertion
27414	Wei Yi	53 (2014) 9800-9808	2011B4512	BL15XU	Belik Alexei	Perovskite-Structure TiMnO ₃ : A New Manganite with New Properties
			2011B4514	BL15XU	松下 能孝	
			2012A4507	BL15XU	Belik Alexei	

Chemical Communications

27080	Zoe Schnepf	50 (2014) 5364-5366	2012A4511	BL15XU	Schnepf Zoe	A Family of Oxide–Carbide–Carbon and Oxide–Nitride–Carbon Nanocomposites
27138	Tatsuya Wasano	50 (2014) 8148-8150	2013B1083	BL38B1	吾郷 友宏	Synthesis, Structure and Reactivity of a 1-bromoalumole
27210	Daisuke Tanaka	50 (2014) 10074-10077	2011A1462	BL13XU	田中 大輔	Thin Films of Spin-Crossover Coordination Polymers with Large Thermal Hysteresis Loops Prepared by Nanoparticle Spin Coating
			2011B1495	BL13XU	田中 大輔	
			2012A1204	BL13XU	田中 大輔	
27470	Takashi Hayashi	50 (2014) 12560-12563	2012A6745	BL44XU	溝端 栄一	Co(II)/Co(I) Reduction-Induced Axial Histidine-Flipping in Myoglobin Reconstituted with a Cobalt Tetrahydrocorrins as a Methionine Synthase Model

Dalton Transactions

26921	Kenji Hirai	42 (2013) 15868-15872	2011B1709	BL13XU	北川 進	Programmed Crystallization <i>via</i> Epitaxial Growth and Ligand Replacement towards Hybridizing Porous Coordination Polymer Crystals
26980	Quynh T. N. Phan	43 (2014) 10040-10045	2010B1458	BL02B2	平郡 諭	Tuning of the Ground State in Electron Doped Anthracene
			2011B1319	BL02B1	谷垣 勝己	
			2012A1639	BL02B1	谷垣 勝己	
			2012B1032	BL02B2	谷垣 勝己	
			2012A1627	BL02B2	谷垣 勝己	
27033	Martin Martis	43 (2014) 1132-1138	2012B1058	BL01B1	森 浩亮	Control of Physicochemical Properties and Catalytic Activity of Tris(2,2'-bipyridine)iron(II) Encapsulated within Zeolite Y Cavity by Alkaline Earth Metal Cations
			2013A1054	BL01B1	森 浩亮	
27037	Kohsuke Mori	43 (2014) 10541-10547	2012A1061	BL01B1	森 浩亮	Visible-light Driven H ₂ Production Utilizing Iridium and Rhodium Complexes Intercalated into a Zirconium Phosphate Layered Matrix
			2012B1058	BL01B1	森 浩亮	

Journal of Applied Physics-1

27185	Chandra Shekhar	113 (2013) 17E142	2010B4903	BL15XU	Fecher Gerhard	Electronic Structure and Nonsaturating Magnetoresistance of Superconducting Heusler Topological Insulators
			2011B4906	BL15XU	Fecher Gerhard	

Journal of Applied Physics-2

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
27187	Carlos Viol Barbosa	116 (2014) 034508	2012B0043	BL47XU	Felser Claudia	Investigation of the Mn _{3-δ} Ga/MgO Interface for Magnetic Tunneling Junctions
27268	Ying Sun	115 (2014) 043509	2012B4506	BL15XU	山浦 一成	Unusual Magnetic Hysteresis and the Weakened Transition Behavior Induced by Sn Substitution in Mn ₃ SbN
			2013A4504	BL15XU	山浦 一成	
27392	Shigeaki Ono	116 (2014) 053517	2012B1004	BL10XU	小野 重明	Raman Spectra of Culet Face of Diamond Anvils and Application as Optical Pressure Sensor to High Temperatures
			2010B1065	BL10XU	小野 重明	

Journal of Materials Chemistry A

27017	Donglin Han	2 (2014) 12552-12560	2013B1568	BL14B2	宇田 哲也	Origins of Structural and Electrochemical Influence on Y-doped BaZrO ₃ Heat-Treated with NiO Additive
27079	Zoe Schnepf	1 (2013) 13576-13581	2012A4511	BL15XU	Schnepf Zoe	Doped-carbon Electrocatalysts with Trimodal Porosity from a Homogeneous Polypeptide Gel
27252	Toyoki Okumura	2 (2014) 11847-11856	2012B1598	BL19B2	奥村 豊旗	Effect of Bulk and Surface Structural Changes in Li ₅ FeO ₄ Positive Electrodes during First Charging on Subsequent Lithium-Ion Battery Performance
			2013B1810	BL14B2	小林 弘典	
27345	Ikuma Takahashi	2 (2014) 15414-15419	2010B1896	BL46XU	小久見 善八	Kinetically Asymmetric Charge and Discharge Behavior of LiNi _{0.5} Mn _{1.5} O ₄ at Low Temperature Observed by <i>in situ</i> X-ray Diffraction
			2011A1013	BL02B2	小久見 善八	
			2011A1014	BL46XU	小久見 善八	
			2011B1034	BL46XU	小久見 善八	
			2012A7601	BL28XU	小久見 善八	
2012B7601	BL28XU	小久見 善八				

Journal of the Physical Society of Japan

26913	Ryuji Okazaki	83 (2014) 084701	2011A1470	BL43IR	寺崎 一郎	Disorder Effect for an Orbital Order in Ca ₂ RuO ₄ Revealed by Infrared Imaging Spectroscopy
			2011B1232	BL43IR	岡崎 竜二	
			2012A1141	BL43IR	岡崎 竜二	
			2013A1189	BL43IR	岡崎 竜二	
26982	Denis Arcon	82 (2013) 014703	2011B1319	BL02B1	谷垣 勝己	Rattler Site Selectivity and Covalency Effects in Type-I Clathrates
			2012A1639	BL02B1	谷垣 勝己	
			2012A1627	BL02B2	谷垣 勝己	
			2010B1458	BL02B2	平郡 諭	
26993	Gang Mu	82 (2013) 054714	2011B1319	BL02B1	谷垣 勝己	A Field-Directional Specific Heat Study on the Gap Structure of Overdoped Ba(Fe _{1-x} Co _x) ₂ As ₂
			2012A1639	BL02B1	谷垣 勝己	
			2012A1627	BL02B2	谷垣 勝己	
			2012B1032	BL02B2	谷垣 勝己	
			2010B1458	BL02B2	平郡 諭	
27218	Kazuaki Iwasa	83 (2014) 094604	2013B1327	BL35XU	岩佐 和晃	Universality of Anharmonic Motion of Heavy Rare-Earth Atoms in Hexaborides

Materials Science Forum

21753	Shigenari Hayashi	696 (2011) 63-69	2010A1876	BL19B2	林 重成	<i>In-situ</i> Measurement of the Phase Transformation Behavior of Al ₂ O ₃ Scale during High-Temperature Oxidation using Synchrotron Radiation
27320	Hiroyuki Toda	794-796 (2014) 57-62	2012B1011	BL20XU	戸田 裕之	Assessment of Deformation Behavior of Polycrystalline Aluminum using Diffraction-Amalgamated Grain-Boundary Tracking (DAGT) Technique
			2013A1181	BL20XU	生貝 初	
27325	Yong-zhao Yao	778-780 (2014) 346-349	2012A5371	BL16B2	山口 聡	Dislocation Revelation for 4H-SiC by using Vaporized NaOH: a Possible Way to Distinguish Edge, Screw and Mixed Threading Dislocations by Etch Pit Method
27387	Yusuke Yamamoto	794-796 (2014) 325-330	2011B1111	BL20XU	戸田 裕之	Effect of Micro-Voids on Crack Initiation and Propagation in Bending Deformation of Al-Mg-Si Alloy Sheet

Materials Transactions-1

24130	Takashi Doi	53 (2012) 1536-1538	2009A1940	BL46XU	土井 教史	Electrochemical Phase Change of Iron Rusts by <i>In-Situ</i> X-ray Diffraction Technique
			2009B2019	BL19B2	土井 教史	
			2010A1833	BL46XU	土井 教史	
			2011A1680	BL19B2	土井 教史	
27140	Hiroyuki Toda	54 (2013) 2195-2201	2012B1013	BL20XU	戸田 裕之	Effects of Hydrogen Micro Pores on Mechanical Properties in A2024 Aluminum Alloys

Materials Transactions-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
27294	Hiroyuki Saitoh	55 (2014) 1114-1116	2013A3602	BL14B1	齋藤 寛之	Hydrogenation of Anodized Aluminum and Crystal Growth of Formed Hydride at High Pressure and High Temperature
27318	Hiroyuki Toda	55 (2014) 383-386	2012B1625	BL20XU	戸田 裕之	Effects of Stress Triaxiality on Damage Evolution from Pre-Existing Hydrogen Pores in Aluminum Alloy

Nature

26919	Chikashi Toyoshima	495 (2013) 260-264	2012B1059	BL41XU	豊島 近	Crystal Structures of the Calcium Pump and Sarcolipin in the Mg ²⁺ -Bound E1 State
			2012A0025	BL41XU	豊島 近	
			2011B2078	BL41XU	豊島 近	
			2011B0025	BL41XU	豊島 近	
			2011A0025	BL41XU	豊島 近	
			2010B0025	BL41XU	豊島 近	
			2010A0025	BL41XU	豊島 近	
			2009B0025	BL41XU	豊島 近	
			2009A0013	BL41XU	豊島 近	
26920	Ryuta Kanai	502 (2013) 201-206	2012B1778	BL41XU	豊島 近	Crystal Structure of a Na ⁺ -Bound Na ⁺ , K ⁺ -ATPase Preceding the E1P State
			2012A0025	BL41XU	豊島 近	
			2011B0025	BL41XU	豊島 近	
			2011B2079	BL41XU	豊島 近	
			2011A0025	BL41XU	豊島 近	
			2010B0025	BL41XU	豊島 近	
2009B0025	BL41XU	豊島 近				
27025	Ping Yin	504 (2013) 168-171	2012B0040	BL41XU	Yan Nieng	Structural Basis for the Modular Recognition of Single-Stranded RNA by PPR Proteins
27355	Masahiro Naganuma	510 (2014) 507-511	2012B1392	BL41XU	関根 俊一	The Selective tRNA Aminoacylation Mechanism Based on a Single G·U Pair
			理研	BL32XU		

Acta Crystallographica Section F

27060	Makoto Nakabayashi	70 (2014) 854-859	2013A6803	BL44XU	石川 一彦	Monomer Structure of a Hyperthermophilic β -glucosidase Mutant Forming a Dodecameric Structure in the Crystal Form
			2013B6803	BL44XU	石川 一彦	
27061	Misumi Kataoka	70 (2014) 878-883	2013B6803	BL44XU	石川 一彦	A New Crystal Form of a Hyperthermophilic Endocellulase
27350	Takeshi Mise	70 (2014) 1219-1223	2013A1061	BL38B1	三瀬 武史	Crystallization and Preliminary X-ray Diffraction Analysis of the Periplasmic Domain of the <i>Escherichia coli</i> Aspartate Receptor Tar and its Complex with Aspartate
			2013B1098	BL38B1	三瀬 武史	
			2013B6853	BL44XU	三瀬 武史	

Advanced Materials Research

27122	Chiradeep Gupta	794 (2013) 476-483	2011A1291	BL20XU	Schlacher Christian	Study of Creep Damage in a 10.86% Cr Heat Resistant Steel using Synchrotron X-ray Microtomography
27182	Mutsumi Sano	996 (2014) 33-38	2013A1718	BL02B1	佐野 睦	Relationship between Dislocation Density and Macro Strain of High-Heat-Load Materials
27412	Kenji Suzuki	996 (2014) 76-81	2012A3781	BL22XU	鈴木 賢治	Evaluation of Welding Residual Stresses Using Diffraction Spot Trace Method
			2012B3781	BL22XU	鈴木 賢治	
			2013A3784	BL22XU	鈴木 賢治	

ISIJ International-1

25892	Shun Fujieda	54 (2014) 125-130	2012A1403	BL14B2	藤枝 俊	<i>In situ</i> Measurements of X-ray Absorption Spectra during Transformation of Green Rust to Ferric Oxyhydroxide Via Aqueous Solution
25897	Kentarou Kajiwara	53 (2013) 165-169	2006B0161	BL28B2	有岡 孝司	Evaluation of Internal Stress in Individual Grains of Cold-Rolled Stainless Steel by Energy Dispersive X-ray Diffraction
			2006B0220	BL28B2	有岡 孝司	
			2007A2057	BL28B2	梶原 堅太郎	
			2007B1518	BL28B2	梶原 堅太郎	
			2008A1223	BL28B2	梶原 堅太郎	
			2008B1928	BL28B2	有岡 孝司	
			2009B1887	BL28B2	有岡 孝司	
			2010A1310	BL28B2	梶原 堅太郎	
			2010B1839	BL28B2	有岡 孝司	
2011A1753	BL28B2	有岡 孝司				

ISIJ International-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
27119	Masakazu Kobayashi	54 (2014) 141-147	2011A1263	BL20XU	戸田 裕之	W-Concentration 3D Mapping in SKH51 Steel by Dual-Energy K-Absorption Edge Subtraction Imaging
			2011B1111	BL20XU	戸田 裕之	

Meteoritics and Planetary Science

27002	Akira Tsuchiyama	49 (2014) 172-187	2011A1388	BL47XU	土'山明	Three-Dimensional Microstructure of Samples Recovered from Asteroid 25143 Itokawa: Comparison with LL5 and LL6 Chondrite Particles
			2011B1390	BL47XU	土'山明	
			2012A1461	BL47XU	土'山明	
			2012B1346	BL47XU	土'山明	
27003	Takaaki Noguchi	49 (2014) 188-214	2010B1531	BL47XU	土'山明	Space Weathered Rims Found on the Surfaces of the Itokawa Dust Particles
			2011A1388	BL47XU	土'山明	
			2011B1390	BL47XU	土'山明	
27016	Tomoki Nakamura	49 (2014) 215-227	2012A1461	BL47XU	土'山明	Mineral Chemistry of MUSES-C Regio Inferred from Analysis of Dust Particles Collected from the First- and Second-Touchdown Sites on Asteroid Itokawa
			2012B1346	BL47XU	土'山明	
			2011A1388	BL47XU	土'山明	
			2011B1390	BL47XU	土'山明	

Polymer

27042	Masaki Kakiage	48 (2007) 7385-7392	2003B0303	BL40B2	上原 宏樹	<i>In situ</i> SAXS Analysis of Extended-Chain Crystallization during Melt-Drawing of Ultra-High Molecular Weight Polyethylene
			2003B0418	BL40B2	村上 昌三	
27043	Yasunori Ono	52 (2011) 1172-1179	2007B1702	BL40B2	上原 宏樹	Structural and Property Changes during Uniaxial Drawing of Ethylene-Tetrafluoroethylene Copolymer Films as Analyzed by <i>in-situ</i> X-ray Measurements
27058	Miki Fukuya	55 (2014) 4401-4404	2011B1811	BL19B2	福谷 実希	Controlling of Crystallite Orientation for Poly(ethylene oxide) Thin Films with Cellulose Single Nano-Fibers
			2012A1753	BL19B2	福谷 実希	

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

26900	Sota Sato	111 (2014) 8374-8379	2013B0042	BL41XU	藤田 誠	Solid-State Structures of Peapod Bearings Composed of Finite Single-Wall Carbon Nanotube and Fullerene Molecules
26903	Sean Shieh	110 (2013) 18402-18406	2011B4252	BL12XU	Shieh Sean	Electronic Structure of Carbon Dioxide under Pressure and Insights into the Molecular-to-Nonmolecular Transition
27356	Shiwei Zhu	111 (2014) 13523-13528	2011A1240	BL41XU	今田 勝巳	Conformational Change in the Periplasmic Region of the Flagellar Stator Coupled with the Assembly around the Rotor
			2010B1901	BL41XU	今田 勝巳	
			理研	BL32XU		

Scientific Reports

27039	Takeshi Hashishin	4 (2014) 4700	2013A1433	BL02B2	橋新 剛	Quenching Ilmenite with a High-Temperature and High-Pressure Phase using Super-High-Energy Ball Milling
			2013A1569	BL02B2	橋新 剛	
27075	Ryuta Mizutani	4 (2014) 5731	2006B1014	BL38B1	水谷 隆太	Spatiotemporal Development of Soaked Protein Crystal
			2012B0034	BL20XU	水谷 隆太	
			2013A0034	BL20XU	水谷 隆太	
			2013B0034	BL20XU	水谷 隆太	
			2013B1889	BL26B2	水谷 隆太	
			2013B0041	BL47XU	水谷 隆太	
27413	Hiroshi Sekiguchi	4 (2014) 6384	2008A1857	BL40XU	佐々木 裕次	Real Time Ligand-Induced Motion Mappings of AChBP and nAChR Using X-ray Single Molecule Tracking
			2008B1999	BL40XU	八木 直人	
			2009A1888	BL40XU	八木 直人	
			2009B1934	BL40XU	八木 直人	
			2010A1790	BL40XU	八木 直人	
			2010B1865	BL40XU	八木 直人	
			2011A1776	BL40XU	八木 直人	
			2011B1910	BL40XU	八木 直人	
			2012A1399	BL40XU	佐々木 裕次	
			2012A1464	BL40XU	関口 博史	
			2012B1377	BL40XU	佐々木 裕次	
2013A1306	BL40XU	佐々木 裕次				

Solid State Ionics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26218	Titus Masese	262 (2014) 110-114	2009B1029	BL14B2	小久見 善八	Local Structural Change in Li ₂ FeSiO ₄ Polyanion Cathode Material during Initial Cycling
			2009B1030	BL14B2	小久見 善八	
			2010A1017	BL01B1	小久見 善八	
			2010A1018	BL14B2	小久見 善八	
			2011A1021	BL14B2	内本 喜晴	
26891	Takashi Nakamura	262 (2014) 66-69	2012B7600	BL28XU	小久見 善八	Evaluation of the Effective Reaction Zone in a Composite Cathode for Lithium Ion Batteries
			2013A7602	BL28XU	小久見 善八	
27283	Shun Fujieda	262 (2014) 613-616	2010A1881	BL14B2	藤枝 俊	Improvement of Electrochemical Properties of LiFePO ₄ Fine Particles Synthesized in Ethylene Glycol Solution Resulting from Heat Treatment

軽金属 (Journal of Japan Institute of Light Metals)

27066	Kazuyuki Shimizu	63 (2013) 188-195	2007B1080	BL20XU	戸田 裕之	3D/4D Fracture Mechanics Evaluation on Shear Band of Aluminum Alloys
27145	Hiroyuki Toda	63 (2013) 343-349	2012A1205	BL20XU	戸田 裕之	3D Visualization of Defects and Microstructural Features with Laboratory-Scale X-ray Tomography Apparatuses
27319	Yusuke Yamamoto	63 (2013) 452-457	2011B1111	BL20XU	戸田 裕之	Effect of Micro-Voids on Crack Initiation and Propagation in Bending Deformation of Al-Mg-Si Alloy Sheets

ACS Nano

27110	Xiaoqing Qui	6 (2012) 1609-1618	2010B1010	BL14B2	黒田 靖	Hybrid Cu _x O/TiO ₂ Nanocomposites As Risk-Reduction Materials in Indoor Environments
27186	Julie Karel	8 (2014) 5784-5789	2012B0043	BL47XU	Felser Claudia	Distinct Electronic Structure of the Electrolyte Gate-Induced Conducting Phase in Vanadium Dioxide Revealed by High-Energy Photoelectron Spectroscopy

Acta Crystallographica Section D

27059	Makoto Nakabayashi	70 (2014) 877-888	2011B6603	BL44XU	石川 一彦	Structural Analysis of β -glucosidase Mutants Derived from a Hyperthermophilic Tetrameric Structure
			2011A6603	BL44XU	石川 一彦	
			2010A6504	BL44XU	石川 一彦	
			2010B6504	BL44XU	石川 一彦	
			2012A6704	BL44XU	石川 一彦	
			2012B6704	BL44XU	石川 一彦	
2013A6803	BL44XU	石川 一彦				
27172	Xiao-Wei Zhou	70 (2014) 1549-1560	2014A4002	BL12B2	Li Tsung Lin	Structure and Mechanism of a Nonhaem-Iron SAM-Dependent C-methyltransferase and its Engineering to a Hydratase and an O-methyltransferase

American Mineralogist

26889	Ayako Shinozaki	99 (2014) 1265-1269	2012B1104	BL43IR	篠崎 彩子	Formation of SiH ₄ and H ₂ O by the Dissolution of Quartz in H ₂ Fluid under High Pressure and Temperature
26894	Razvan Caracas	99 (2014) 1270-1276	2011B0087	BL10XU	廣瀬 敬	Identifying the Spin Transition in Fe ²⁺ -rich MgSiO ₃ Perovskite from X-ray Diffraction and Vibrational Spectroscopy
			2012B0087	BL10XU	廣瀬 敬	
			2011B4258	BL12XU	廣瀬 敬	

Applied Catalysis A: General

27073	Ya Xu	478 (2014) 165-174	2010B4500	BL15XU	許 亜	Fabrication of Ni-Al Nanoparticles Fabricated via Vacuum Arc Plasma Evaporation and Their Catalytic Properties for CO Oxidation
			2011A4501	BL15XU	許 亜	
			2012A4500	BL15XU	許 亜	
			2012B4502	BL15XU	許 亜	
			2013A4900	BL15XU	亀岡 聡	
27282	Yasuo Iizuka	483 (2014) 63-75	2011B1001	BL14B2	春田 正毅	Chemical Environment of Ag Atoms Contained in Au-Ag Bimetallic Catalysts and the Generation of the Catalytic Activity for CO Oxidation
			2010B1006	BL14B2	春田 正毅	
			2010A1001	BL14B2	春田 正毅	
			2009B1007	BL14B2	春田 正毅	
			2008B1003	BL14B2	春田 正毅	
			2008A1003	BL14B2	春田 正毅	

CrystEngComm-1

27028	Tsan-Yao Chen	15 (2013) 3932-3942	2012A4134	BL12B2	Lin Tsang Lang	Crystal Growth of Platinum-Ruthenium Bimetallic Nanocrystallites and Their Methanol Electrooxidation Activity
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CrystEngComm-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
27071	Kazuya Otsubo	16 (2014) 6277-6286	2011B1575	BL02B1	大坪 主弥	Structural Design and Electronic Properties of Halogen-Bridged Mixed-Valence Ladder Systems with Even Numbers of Legs
			2012A1504	BL02B1	大坪 主弥	

Europhysics Letters

26984	Babulal Ahuja	107 (2014) 27005	2012A1366	BL08W	Ahuja Babulal	Temperature-dependent Spin Magnetization Density in Mn-rich Ni-Mn-Sn Shape Memory Alloy by Magnetic Compton Scattering
27393	Yuki Sakai	107 (2014) 56003	2010B1607	BL04B1	神原 陽一	New Phases of Binary Compounds: CsCl-type RuGe and RuSn
			2011A1551	BL04B1	神原 陽一	
			2011B1490	BL04B1	神原 陽一	
			2012B1615	BL04B1	神原 陽一	

FEBS Letters

27052	Morio Hasegawa	588 (2014) 1942-1948	2012A6729	BL44XU	藤間 祥子	Protein Arginine Methyltransferase 7 has a Novel Homodimer-like Structure Formed by Tandem Repeats
			2012B6729	BL44XU	藤間 祥子	
			2013A6832	BL44XU	藤間 祥子	
			2013B6832	BL44XU	藤間 祥子	
			2014A6933	BL44XU	藤間 祥子	
27053	Lisa Asano	587 (2013) 957-963	2012A1807	BL41XU	桑原 直之	Structural Basis for Vitamin D Receptor Agonism by Novel Non-Secosteroidal Ligands
			理研	BL32XU		

The Journal of Chemical Physics

26970	Tatsuo Gejo	140 (2014) 214310	2009B1389	BL27SU	下條 竜夫	Dynamics of Oxygen Rydberg Atom Generation Following O 1s Inner-Shell Excitation of H ₂ O
			2010A1797	BL27SU	下條 竜夫	
			2010B1161	BL27SU	下條 竜夫	
27170	L. S. Rosantha Kumara	141 (2014) 044718	2012A4505	BL15XU	坂田 修身	Hard X-ray Photoelectron Spectroscopy of Li _{1-x} Ni _{1-x} O Epitaxial Thin Films with a High Lithium Content
			2012B4505	BL15XU	Yang Anli	
			2012B4903	BL15XU	吉本 護	

Journal of Electron Spectroscopy and Related Phenomena

27430	Fumihiko Matsui	195 (2014) 347-360	2006A1688	BL25SU	松井 文彦	Photoelectron Structure Factor and Diffraction Spectroscopy
			2006B1572	BL25SU	松井 文彦	
			2008A1519	BL25SU	松井 文彦	
			2009B1769	BL25SU	松井 文彦	
			2011A1471	BL25SU	松井 文彦	
27431	Akane Agui	197 (2014) 13-16	2010B1150	BL27SU	安居院 あかね	Temperature and Polarization Dependence of Fe L ₃ -edge X-ray Absorption Spectra of LuFe ₂ O ₄
			2011B1312	BL27SU	安居院 あかね	
			2012B1299	BL27SU	安居院 あかね	
			2013B1234	BL27SU	安居院 あかね	

Journal of Structural and Functional Genomics

27407	Kazuhiro Kashiwagi	15 (2014) 125-130	2012B1572	BL41XU	伊藤 拓宏	Crystal Structure of the Eukaryotic Translation Initiation Factor 2A from <i>Schizosaccharomyces pombe</i>
			理研	BL26B2		
27409	Hideaki Niwa	15 (2014) 153-164	2012A1673	BL38B1	半田 徳子	Crystal Structures of the S6K1 Kinase Domain in Complexes with Inhibitors
			2011A1334	BL41XU	半田 徳子	

Journal of the Korean Physical Society

23988	Ken Yanai	62 (2013) 1035-1040	2011B1386	BL02B1	野口 祐二	Polarization-Switching Dynamics and Microstructures of Ferroelectric (Bi _{0.5} Na _{0.5})TiO ₃ Single Crystals
			2012A1359	BL02B1	野口 祐二	
			2012B1243	BL02B1	野口 祐二	
23989	Shotaro Ishikawa	62 (2013) 1046-1050	2011B1386	BL02B1	野口 祐二	Synchrotron Radiation Analyses of Domain Switching Behaviors for Ferroelectric BaTiO ₃ Single Crystals under Electric Fields
			2012A1359	BL02B1	野口 祐二	
			2012B1243	BL02B1	野口 祐二	

Langmuir-1

27103	Toshihiko Oka	30 (2014) 8253-8257	2013B1270	BL40B2	岡 俊彦	Single Crystallization of an Inverse Bicontinuous Cubic Phase of a Lipid
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Langmuir-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
27178	Toshihiko Oka	30 (2014) 8131-8140	2010B1245	BL40B2	岡 俊彦	Initial Step of pH-Jump-Induced Lamellar to Bicontinuous Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein
			2011A1188	BL45XU	岡 俊彦	
			2011A1190	BL40B2	岡 俊彦	
			2011B1249	BL45XU	岡 俊彦	
			2011B1880	BL40B2	岡 俊彦	
			2012A1305	BL45XU	岡 俊彦	
			2012A1655	BL40B2	岡 俊彦	
			2012B1191	BL40B2	岡 俊彦	
			2012B1763	BL40B2	岡 俊彦	
			2013A1252	BL45XU	岡 俊彦	
2013A1228	BL40B2	岡 俊彦				
2013B1266	BL40B2	岡 俊彦				

Metallurgical and Materials Transactions A

27065	Hiroyuki Toda	45 (2014) 765-776	2009B1131	BL20XU	戸田 裕之	The True Origin of Ductile Fracture in Aluminum Alloys
			2009A1315	BL20XU	戸田 裕之	
27471	Tomoya Nagira	45 (2014) 5613-5623	2009A0014	BL20B2	安田 秀幸	<i>In-situ</i> Observation of Deformation in Semi-solid Fe-C Alloys at High Shear Rate
			2009B0014	BL20B2	安田 秀幸	
			2010A1420	BL20B2	柳楽 知也	
			2011A1209	BL20B2	Gourlay Christopher	
			2011B1096	BL20XU	柳楽 知也	
			2012A1110	BL20XU	柳楽 知也	
			2012B1173	BL20XU	柳楽 知也	
2013B1242	BL20XU	柳楽 知也				

Nature Communications

26905	Shiki Yagai	5 (2014) 4013	2011B1702	BL02B2	矢貝 史樹	Design Amphiphilic Dipolar π -Systems for Stimuli-Responsive Luminescent Materials Using Metastable States
27451	Kazuhide Kamiya	5 (2014) 5040	2013B1123	BL01B1	神谷 和秀	Platinum-Modified Covalent Triazine Frameworks Hybridized with Carbon Nanoparticles as Methanol-Tolerant Oxygen Reduction Electrocatalysts
			2013A1598	BL01B1	松田 翔一	

Pediatric Research

19259	Melissa Siew	70 (2011) 50-55	2009A0022	BL20B2	Lewis Rob	Surfactant Increases the Uniformity of Lung Aeration at Birth in Ventilated Preterm Rabbits
			2007B0002	BL20B2	Lewis Rob	
23944	Melissa Siew	73 (2013) 443-449	2010B0022	BL20B2	Lewis Rob	The Role of Lung Inflation and Sodium Transport in Airway Liquid Clearance during Lung Aeration in Newborn Rabbits
			2008A0002	BL20B2	Lewis Rob	

鑄造工学 (Journal of Japanese Foundry Engineering Society)

25198	Takahiro Sanpei	85 (2013) 205-209	2008A1104	BL20XU	戸田 裕之	Three-Dimensional Copper Concentration Mapping in Al-Cu Binary Alloy Castings
			2010B1188	BL20XU	戸田 裕之	
27288	Kazuyuki Shimizu	86 (2014) 19-25	2012B1011	BL20XU	戸田 裕之	Fatigue Behavior Analysis of Spheroidal Graphite Cast Iron via High Resolution 4D Imaging

表面科学 (Journal of the Surface Science Society of Japan)

26975	Noriyuki Yoshimoto	35 (2014) 190-195	2011A0036	BL19B2	吉本 則之	<i>In-situ</i> Observation of 2-Dimensional X-ray Diffraction of Organic Thin-film Growth by Synchrotron Radiation
			2011B0036	BL19B2	吉本 則之	
			2012A0036	BL19B2	吉本 則之	
			2012B0036	BL19B2	吉本 則之	
			2012B1687	BL19B2	渡辺 剛	
			2013A0036	BL19B2	吉本 則之	
27116	Yoshiyuki Yamashita	35 (2014) 361-364	2011A4604	BL15XU	山下 良之	Bias-Dependence Potential Distribution in Gate Stack Structures by Hard-X-ray Photoelectron Spectroscopy under Device Operation
			2013A4601	BL15XU	山下 良之	

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
25898	Issei Maeda	63 (2014) 171-193	2009A1919	BL19B2	大坂 恵一	Development of Heavy Mineral and Heavy Element Database of Sediments in Japan for Forensic Investigation using Synchrotron Radiation X-ray Analyses
			2009B1885	BL19B2	大坂 恵一	
			2010A1753	BL19B2	大坂 恵一	
			2010B1401	BL28B2	梶原 堅太郎	
			2011A1729	BL19B2	大坂 恵一	
			2011B1833	BL19B2	大坂 恵一	
			2012A1341	BL19B2	大坂 恵一	
			2012B1400	BL19B2	大坂 恵一	
			2009B1642	BL08W	大坂 恵一	
			2010A1374	BL08W	大坂 恵一	
			2010B1420	BL08W	大坂 恵一	
			2011A1352	BL08W	大坂 恵一	
			2011B1401	BL08W	大坂 恵一	
2012A1343	BL08W	大坂 恵一				
2012B1401	BL08W	大坂 恵一				
26959	Nozomu Iwasaki	63 (2014) 593-602	2007B1842	BL43IR	岩崎 望	Structural Analysis of Precious Coral Carbonate Layers using Synchrotron Radiation-Infrared Rays
			2008A1807	BL43IR	岩崎 望	
			2008B1848	BL43IR	岩崎 望	

Advanced Biomedical Engineering

27468	Yoshihiro Hashimoto	3 (2014) 101-105	2011B1288	BL20B2	松本 健志	Second Harmonic Generation Microscopy and Synchrotron Radiation CT for the Determination of Collagen and Mineral Deposition in Early-stage Bone Repair Effect of Whole Body Micro-vibration
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Advanced Engineering Materials

27123	Qiang Zhang	15 (2013) 149-152	2008B1147	BL20XU	戸田 裕之	Characterization of Cell Wall Microstructure and Damage Behavior of Alloyed Aluminum Foam via Synchrotron-Based Microtomography
			2009B1374	BL20XU	Zhang Qiang	

Advances in Materials Technology for Fossil Power Plants - Proceedings from the 7th International Conference

27321	Christian Schlacher	(2013) 914-923	2011A1291	BL20XU	Schlacher Christian	Study of Creep Damage in Creep Exposed Martensitic High Chromium Steel Weldments
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Annual Review of Plant Biology

27091	Anthony L. Moore	64 (2013) 637-663	2012B6737	BL44XU	原田 繁春	Unraveling the Heater: New Insights into the Structure of the Alternative Oxidase
			2012A6737	BL44XU	原田 繁春	
			2011A6636	BL44XU	原田 繁春	

APL Materials

26976	Hiroyuki Saitoh	2 (2014) 076103	2013B3602	BL14B1	齋藤 寛之	Li ₄ FeH ₆ : Iron-Containing Complex Hydride with High Gravimetric Hydrogen Density
			2013B3614	BL14B1	青木 勝敏	

Applied Surface Science

26922	Mykhailo Vorokhta	303 (2014) 46-53	2011B4604	BL15XU	森 利之	HAXPES Study of CeO _x Thin Film-Silicon Oxide Interface
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Australasian Physical & Engineering Sciences in Medicine

27349	Wan Nordiana Rahman	35 (2012) 301-309	2008B1679	BL28B2	Geso Moshi	Polymer Gels Impregnated with Gold Nanoparticles Implemented for Measurements of Radiation Dose Enhancement in Synchrotron and Conventional Radiotherapy Type Beams
			2009B1143	BL28B2	Geso Moshi	

Biochemical Society Transactions

27092	Luke Young	41 (2013) 1305-1311	2012B6737	BL44XU	原田 繁春	The Alternative Oxidases: Simple Oxidoreductase Proteins with Complex Functions
			2012A6737	BL44XU	原田 繁春	
			2011A6636	BL44XU	原田 繁春	

Biochimica et Biophysica Acta

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26917	Kimihiko Mizutani	1824 (2012) 954-962	2011B1446	BL26B1	水谷 公彦	Structural and Functional Characterization of Recombinant Medaka Fish Alpha-Amylase Expressed in Yeast <i>Pichia pastoris</i>

Biogeosciences

27124	Toshihiro Yoshimura	11 (2014) 3881-3886	2012A1556	BL27SU	吉村 寿紘	Fluctuations of Sulfate, S-bearing Amino Acids and Magnesium in a Giant Clam Shell
			2012B1116	BL27SU	為則 雄祐	
			2013B1340	BL27SU	吉村 寿紘	

BioNanoSciences

27348	Wan Nordiana Rahman	1 (2011) 4-13	2008B1679	BL28B2	Geso Moshi	Influence of Gold Nanoparticles on Radiation Dose Enhancement and Cellular Migration in Microbeam-Irradiated Cells
			2009B1143	BL28B2	Geso Moshi	

Calphad: Computer Coupling of Phase Diagrams and Thermochemistry

27466	Norbert Mattern	47 (2014) 136-143	2013B1081	BL04B2	水野 章敏	Experimental and Thermodynamics Assessment of the Nd-Ti System
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Carbon

27068	Hiroyuki Toda	59 (2013) 184-191	2010B1234	BL20XU	小林 正和	Compression and Recovery Micro-Mechanisms in Flexible Graphite
			2011A1498	BL20XU	小林 正和	

Catalysis Today

27450	Akira Yamamoto	232 (2014) 165-170	2009B1713	BL28B2	大山 順也	Effect of a Crystalline Phase of TiO ₂ Photocatalysts on the Photodeposition of Rh Metal Nanoparticles
			2010A1604	BL28B2	大山 順也	
			2010B1676	BL28B2	大山 順也	

The Chemical Record

25739	Shigeru Yamago	14 (2014) 84-100	2013A1661	BL02B1	山子 茂	Organoplatinum-Mediated Synthesis of Cyclic π -Conjugated Molecules: Towards a New Era of Three-Dimensional Aromatic Compounds
			2012B1790	BL02B1	山子 茂	

Chemistry - A European Journal

26910	Satoshi Inagaki	19 (2013) 7780-7786	2012B1138	BL04B2	脇原 徹	Rapid Synthesis of an Aluminum-Rich MSE-Type Zeolite by the Hydrothermal Conversion of an FAU-Type Zeolite
			2011B1894	BL04B2	脇原 徹	

Chemistry - An Asian Journal

27030	Kohsuke Mori	8 (2013) 3207-3213	2012B1058	BL01B1	森 浩亮	Iridium and Rhodium Complexes within a Macroporous Acidic Resin: A Heterogeneous Photocatalyst for Visible-light Driven H ₂ Production without an Electron Mediator
			2012A1061	BL01B1	森 浩亮	

Chemistry Letters

26945	Fumiyuki Takasaki	43 (2014) 196-198	2010B1836	BL14B2	高崎 史進	Nanometer-sized Polynuclear Cluster and Oxide Nanocrystal Formation via Aging-condition-dependent Hydrolysis of Zirconium Oxychloride
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Chemistry of Materials

27129	Chikako Mitsui	25 (2013) 3952-3956	2011B1878	BL02B1	竹谷 純一	Dinaphtho[1,2- <i>b</i> :2',1'- <i>d'</i>]chalcogenophenes: Comprehensive Investigation of the Effect of the Chalcogen Atoms in the Phenacene-Type π -Electronic Cores
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ChemPhysChem

26926	Nozomu Ishiguro	15 (2014) 1563-1568	2011A1032	BL39XU	岩澤 康裕	Visualization of the Heterogeneity of Cerium Oxidation States in Single Pt/Ce ₂ Zr ₂ O _x Catalyst Particles by Nano-XAFS
			2011B1889	BL39XU	唯 美津木	
			2012A1014	BL01B1	横山 利彦	
			2013A7820	BL36XU	唯 美津木	

ChemSusChem

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
27038	Xufang Qian	7 (2014) 1528-1536	2013B1041	BL01B1	森 浩亮	Design and Functionalization of Photocatalytic Systems within Mesoporous Silica

Colloid and Polymer Science

26985	Yuko Ikeda	292 (2014) 567-577	2012A1688	BL40XU	池田 裕子	Stepwise Strain-Induced Crystallization of Soft Composites Prepared from Natural Rubber Latex and Silica Generated in situ
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Corrosion Science

27281	Shun Fujieda	82 (2014) 85-92	2012A1403	BL14B2	藤枝 俊	Influence of Tungstate Ions on Transformation of Green Rust to Ferric Oxyhydroxide via Aqueous Solution Investigated by <i>in situ</i> X-ray Absorption Spectroscopy
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ECS Journal of Solid State Science and Technology

27328	Shinkichi Hamada	2 (2013) N3092-N3097	2009B3322	BL08B2	山口 聡	Dislocation Conversion in 4H-SiC Crystals Grown by Metastable Solvent Epitaxy
			2009B5371	BL16B2	山口 聡	
			2010B5371	BL16B2	山口 聡	

ECS Transactions

27227	Takahiro Nagata	61 (2014) 301-310	2009A4600	BL15XU	南風盛 将光	Photoelectron Spectroscopic Study on High-k Dielectrics Based Nanoionics-Type ReRAM Structure under Bias Operation
			2010B4600	BL15XU	長田 貴弘	

Electrochemistry Communications

27008	Mouad Dahbi	44 (2014) 66-69	2012A1395	BL46XU	駒場 慎一	Sodium Carboxymethyl Cellulose as a Potential Binder for Hard-Carbon Negative Electrodes in Sodium-Ion Batteries
			2012B1373	BL46XU	駒場 慎一	
			2013A1399	BL46XU	駒場 慎一	

Elements

27004	Akira Tsuchiyama	10 (2014) 45-50	2011A1388	BL47XU	土'山 明	Asteroid Itokawa A Source of Ordinary Chondrites and a Laboratory for Surface Processes
			2011B1390	BL47XU	土'山 明	
			2012A1461	BL47XU	土'山 明	
			2012B1346	BL47XU	土'山 明	
			2013A1462	BL47XU	土'山 明	

Geochemistry, Geophysics, Geosystems

27271	Kouhei Tokunaga	14 (2013) 4826-4834	2013A1177	BL01B1	高橋 嘉夫	Estimation of Se(VI)/Se(IV) Ratio in Water by the Ratio Recorded in Barite
			2013B1212	BL37XU	高橋 嘉夫	
			2012B1428	BL01B1	高橋 嘉夫	

Geochimica et Cosmochimica Acta

27006	Masayuki Uesugi	116 (2013) 17-32	2006A1797	BL20B2	上梶 真之	Three-dimensional Observation of Carbonaceous Chondrites by Synchrotron Radiation X-ray CT – Quantitative Analysis and Developments for the Future Sample Return Missions
			2007A1088	BL20B2	上梶 真之	
			2008A1476	BL20B2	上梶 真之	
			2009A1105	BL20B2	上梶 真之	
			2009B1273	BL20XU	上梶 真之	
			2011A1127	BL20B2	上梶 真之	
			2012A1128	BL20B2	上梶 真之	
			2012A1127	BL20XU	上梶 真之	
			2008B1286	BL20XU	上梶 真之	
2008B1298	BL20B2	上梶 真之				

High Pressure Research

27204	Hisako Hirai	34 (2014) 289-296	2012B1208	BL10XU	平井 寿子	High Pressure X-ray Diffraction and Raman Spectroscopic Studies of the Phase Change of D ₂ O Ice VII at Approximately 11 GPa
			2013B1057	BL10XU	平井 寿子	

In-situ Studies with Photons, Neutrons and Electrons Scattering II

27162	Tomonori Yamada	(2014) 201-215	2010B1833	BL19B2	山田 知典	Visualization Technique for Quantitative Evaluation in Laser Welding Processes
			2011B1975	BL19B2	山田 知典	

International Journal of Nanomedicine

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
27347	Wan Nordiana Rahman	9 (2014) 2459-2467	2011B1082	BL20XU	Geso Moshi	Optimal Energy for Cell Radiosensitivity Enhancement by Gold Nanoparticles using Synchrotron-based Monoenergetic Photon Beams
			2010B1057	BL20XU	Geso Moshi	

IUCrJ

27001	Akito Takashima	1 (2014) 221-227	2012A1017	BL27SU	二瓶 瑞久	Low-Temperature Catalyst Activator: Mechanism of Dense Carbon Nanotube Forest Growth Studied using Synchrotron Radiation
			2012A1662	BL17SU	二瓶 瑞久	
			2012B1817	BL47XU	室 隆桂之	
			2012B1021	BL27SU	二瓶 瑞久	
			2012B1812	BL17SU	二瓶 瑞久	
			2012B1814	BL27SU	二瓶 瑞久	
			2013A1016	BL27SU	二瓶 瑞久	

Journal of Alloys and Compounds

27267	Xia Wang	582 (2014) 241-245	2012B4506	BL15XU	山浦 一成	Bulk Compound Synthesis and Oxygen Deficiency Effect on Electronic and Magnetic Properties of the Zn-Based Oxyarsenide LaZnAsO _{1.5}
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Journal of Cosmetic Science

27476	Kenichi Fukami	65 (2014) 217-224	2012A1053	BL20XU	井上 敬文	Internal Structure Changes of Eyelash Induced by Eye Makeup
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Journal of Crystal Growth

27101	Masamitsu Takahashi	401 (2014) 372-375	2008A3503	BL11XU	高橋 正光	Quantitative Monitoring of InAs Quantum Dot Growth Using X-ray Diffraction
			2010B3503	BL11XU	高橋 正光	

Journal of Electronic Materials

26994	Jingtao Xu	42 (2013) 2025-2029	2011B1319	BL02B1	谷垣 勝己	Low-Temperature Physical and Thermoelectric Properties of Ba ₃ Ni ₅ Ge ₄₁
			2012A1639	BL02B1	谷垣 勝己	
			2012A1627	BL02B2	谷垣 勝己	
			2012B1032	BL02B2	谷垣 勝己	
			2010B1458	BL02B2	平郡 諭	

Journal of Experimental Marine Biology and Ecology

25574	Hiroshi Hasegawa	414-415 (2012) 1-5	2011A1751	BL27SU	岩崎 望	Trace Elements in <i>Corallium</i> spp. as Indicators for Origin and Habitat
			2007B1862	BL37XU	長谷川 浩	

Journal of Instrumentation

27398	Masato Hoshino	8 (2013) P07018	2009B2102	BL28B2	星野 真人	X-ray Micro-tomography Using White Beam Radiation from SPring-8
			2010A1918	BL28B2	星野 真人	
			2010B2013	BL28B2	星野 真人	
			2011A1303	BL28B2	世良 俊博	

Journal of Materials Chemistry C

27046	Hiroki Uehara	2 (2014) 373-381	2009B1780	BL40B2	上原 宏樹	Robust and Transparent Membrane of Crystalline Silicone via a Melt-Drawing Technique
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Journal of Materials Science

27029	Tsan Yao Chen	48 (2013) 850-856	2013A4127	BL12B2	Lin Tsang Lang	Formation of Self-Aggregated and Interconnected Silver Network within Sol-Gel Silica
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Journal of Molecular Biology

27357	Yohei Y. Yamamoto	426 (2014) 2667-2678	2010B1130	BL40XU	養王田 正文	Inter-Ring Communication Is Dispensable in the Reaction Cycle of Group II Chaperonins
			2011B1368	BL40XU	養王田 正文	
			2013A1353	BL40XU	養王田 正文	
			2009B1934	BL40XU	八木 直人	
			2010A1790	BL40XU	八木 直人	
			2010B1865	BL40XU	八木 直人	
			2011A1776	BL40XU	八木 直人	
			2011B1910	BL40XU	八木 直人	

The Journal of Organic Chemistry

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
27402	Masahide Tominaga	79 (2014) 6738-6742	2010B1122	BL38B1	檀上 博史	Hollow Sphere Formation from a Three-Dimensional Structure Composed of an Adamantane-Based Cage
			2010B1179	BL38B1	富永 昌英	

The Journal of Physical Chemistry Letters

27021	Kenichi Ozawa	5 (2014) 1953-1957	2012A7426	BL07LSU	小澤 健一	Electron-Hole Recombination Time at TiO ₂ Single- crystal Surfaces: Influence of Surface Band Bending
			2012B7433	BL07LSU	小澤 健一	
			2013A7444	BL07LSU	小澤 健一	

Journal of Physics B: Atomic, Molecular and Optical Physics

26893	Yusuke Tamenori	47 (2014) 145001	2008A2062	BL27SU	為則 雄祐	Multiplet Exchange Auger Transitions Following Resonant Auger Decays in Ne 1s Photoexcitation
			2013B1913	BL27SU	為則 雄祐	

Journal of Physics: Condensed Matter

27457	Takayuki Kojima	26 (2014) 064207	2013A1832	BL46XU	水口 将輝	Fe-Ni Composition Dependence of Magnetic Anisotropy in Artificially Fabricated L1 ₀ -ordered FeNi Films
			2013A1637	BL46XU	水口 将輝	
			2012B1667	BL46XU	小嶋 隆幸	
			2012A1579	BL46XU	小嶋 隆幸	
			2011B1959	BL46XU	水口 将輝	
			2011B1752	BL46XU	水口 将輝	
			2010B1942	BL46XU	水口 将輝	
			2010A1776	BL46XU	水口 将輝	
2009A1935	BL46XU	水口 将輝				

Journal of Physics D: Applied Physics

27458	Takayuki Kojima	47 (2014) 425001	2013A1637	BL46XU	水口 将輝	Addition of Co to L1 ₀ -ordered FeNi Films: Influences on Magnetic Properties and Ordered Structures
			2012B1667	BL46XU	小嶋 隆幸	

Journal of Solid State Chemistry

27264	Hai L. Feng	217 (2014) 9-15	2013B4503	BL15XU	山浦 一成	High-Pressure Synthesis, Crystal Structure and Magnetic Properties of Double Perovskite Oxide Ba ₂ CuOsO ₆
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Journal of Structural Biology

27196	Dong-Ju You	187 (2014) 119-128	2012B6612	BL44XU	金谷 茂則	Structural Basis for Salt-Dependent Folding of Ribonuclease H1 from Halophilic Archaeon <i>Halobacterium</i> sp. NRC-1
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Journal of Synchrotron Radiation

27049	Hongxin Wang	20 (2013) 683-690	2012A0032	BL09XU	Cramer Stephen	Energy Calibration Issues in Nuclear Resonant Vibrational Spectroscopy: Observing Small Spectral Shifts and Making Fast Calibrations
			2012B0032	BL09XU	Cramer Stephen	

Journal of the Electrochemical Society

27081	Daiko Takamatsu	161 (2014) A1447-A1452	2010A1017	BL01B1	小久見 善八	Electrochemical and Spectroscopic Characterization of LiCoO ₂ Thin-Film as Model Electrode
			2011A1012	BL37XU	小久見 善八	
			2011B1022	BL37XU	小久見 善八	
			2011B1023	BL37XU	小久見 善八	
			2011B1033	BL46XU	小久見 善八	
			2012A1030	BL46XU	小久見 善八	
2012A7600	BL28XU	小久見 善八				

Journal of Thermal Analysis and Calorimetry

27228	Yoshizou Fukuyama	117 (2014) 1397-1405	2013A1343	BL40B2	河井 貴彦	The Effect of the Addition of Polypropylene-Grafted SiO ₂ Nanoparticle on the Thermal Conductivity of Isotactic Polypropylene
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Journal of Vacuum Science & Technology A

27200	Kazumasa Kawase	32 (2014) 051502	2012A5131	BL16XU	河瀬 和雅	Mass Densification and Defect Restoration in Chemical Vapor Deposition Silicon Dioxide Film using Ar Plasma Excited by Microwave
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Key Engineering 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
27045	Hiroki Uehara	596 (2014) 50-54	2005A0699	BL40B2	山延 健	In-situ SAXS Analysis during Uniaxial Drawing of Polyethylene- <i>block</i> -Polystyrene Copolymer Film

Laboratory Investigation

24908	Takeshi Matsumoto	93 (2013) 1054-1063	2008A1078	BL20B2	松本 健志	Subtraction Micro-Computed Tomography of Angiogenesis and Osteogenesis during Bone Repair Using Synchrotron Radiation with a Novel Contrast Agent
			2008B1512	BL20B2	松本 健志	

Materials and Corrosion

22551	Shigenari Hayashi	63 (2012) 862-868	2011A1771	BL19B2	林 重成	Effect of Fe and Partial Pressure of Oxygen on the Formation and Phase Transformation Behavior of Al ₂ O ₃ Scale
			2010A1876	BL19B2	林 重成	

Methods in Molecular Biology

27050	Hongxin Wang	1122 (2014) 125-137	2012A0032	BL09XU	Cramer Stephen	A Practical Guide for Nuclear Resonance Vibrational Spectroscopy (NRVS) of Biochemical Samples and Model Compounds
			2013A0032	BL09XU	Cramer Stephen	

Nano Research Letters

27165	Adel Najar	9 (2014) 356	2013A3102	BL24XU	尾身 博雄	Scandium Effect on the Luminescence of Er-Sc Silicates Prepared from Multi-Nanolayer Films
			2013B3102	BL24XU	尾身 博雄	

Nature Methods

26892	Kunio Hirata	11 (2014) 734-736	2012A8011	BL3	吾郷 日出夫	Determination of Damage-Free Crystal Structure of an X-ray Sensitive Protein using an XFEL
			2012B8040	BL3	吾郷 日出夫	
			2013A8047	BL3	吾郷 日出夫	
			2013B8052	BL3	吾郷 日出夫	
			理研 装置&技術	BL32XU BL44XU		

Nature Structural and Molecular Biology

27323	Kouhei Takeshita	21 (2014) 352-357	2010A6500	BL44XU	山下 栄樹	X-ray Crystal Structure of Voltage-Gated Proton Channel
			2010B6500	BL44XU	山下 栄樹	
			2011A6500	BL44XU	山下 栄樹	
			2011B6500	BL44XU	山下 栄樹	
			2012A6500	BL44XU	山下 栄樹	
			2012B6500	BL44XU	山下 栄樹	
			2013A6500	BL44XU	山下 栄樹	

New Journal of Physics

27168	Hiroki Wadati	16 (2014) 073044	2011A1624	BL47XU	和達 大樹	Orbital Correlations and Dimensional Crossover in Epitaxial Pr _{0.5} Ca _{0.5} MnO ₃ /La _{0.5} Sr _{0.5} MnO ₃ Superlattice
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Nucleic Acids Research

27217	Hao-Ching Wang	41 (2013) 5127-5138	2012A4008	BL12B2	Wang Andrew	<i>Neisseria</i> Conserved Hypothetical Protein DMP12 is a DNA Mimic that Binds to Histone-like HU Protein
			2011B4006	BL12B2	Wang Andrew	
			2012A4001	BL12B2	Wang Andrew	

Optical Materials Express

27184	Maria Anagnosti	4 (2014) 1747-1755	2012A3102	BL24XU	尾身 博雄	Simultaneous Light Emissions from Erbium-Thulium Silicates and Oxides on Silicon in the Second and Third Telecommunications Bands
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Optics Express

27215	Yves Kayser	22 (2014) 9004-9015	2012A8058	BL3	亀島 敬	Wavefront Metrology Measurements at SACLA by Means of X-ray Grating Interferometry
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Organic Letters

研究成果番号	主著者	雑誌情報	課題番号	チームライン	実験責任者	タイトル
27401	Masahide Tominaga	16 (2014) 4622-4625	2010B1122	BL38B1	檀上 博史	Self-Assembly of a Tetrapodal Adamantane with Carbazole Branches into Hollow Spherical Aggregates in Organic Media
			2010B1179	BL38B1	富永 昌英	

Philosophical Transactions of the Royal Society B

27062	François-Xavier Gallat	369 (2014) 20130497	2013B8046	BL3	Leonard Chavas	<i>In vivo</i> Crystallography at X-ray Free-Electron Lasers: the Next Generation of Structural Biology?
			2013B8045	BL3	岩田 想	
			2013A8039	BL3	岩田 想	

Physical Chemistry Chemical Physics

27173	Atsushi Ikeda-Ohno	16 (2014) 17412-17416	2013A1028	BL25SU	Seidel Jan	Investigation of Continuous Changes in the Electric-Field-Induced Electronic State in $\text{Bi}_{1-x}\text{Ca}_x\text{FeO}_{3.5}$
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Plant Physiology

27467	Makiko Kosugi	166 (2014) 337-348	2010A1596	BL20XU	小杉 真貴子	Ideal Osmotic Spaces for Chlorobionts or Cyanobionts Are Differentially Realized by Lichenized Fungi
			2010B1455	BL20XU	小杉 真貴子	

Procedia Materials Science

27399	Pascal Pitz	3 (2014) 1908-1913	2012A1091	BL20XU	Brueckner Foit Angelika	Analysis of the Crack Opening Displacement of a Surface Crack Using X-ray Tomography
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Proceedings of 13th International Conference on Aluminum Alloys (ICAA13)

27064	Hiroki Adachi	(2012) 61-66	2011B1923	BL19B2	足立 大樹	Dislocation Density Changes in Ultrafine-grain Aluminum during Tensile Deformation
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Protein Engineering Design and Selection

27169	Cyong-Yi Wang	25 (2012) 741-749	2011B4006	BL12B2	Wang Andrew	Modulating the Function of Human Serine Racemase and Human Serine Dehydratase by Protein Engineering
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Proteins: Structure, Function, and Bioinformatics

26901	Nozomi Sato	82 (2014) 1258-1271	2010B1618	BL41XU	當舎 武彦	Structure of Reduced and Ligand-Bound Nitric Oxide Reductase Provide Insights into Functional Differences in Respiratory Enzymes
			2011A1520	BL41XU	當舎 武彦	
			2011B1603	BL41XU	當舎 武彦	
			2012A1478	BL41XU	當舎 武彦	
			2012B1526	BL41XU	當舎 武彦	

Science and Technology of Advanced Materials

27054	Yoshiki Takagiwa	15 (2014) 044802	2013A1495	BL02B2	高際 良樹	Metallic-Covalent Bonding Conversion and Thermoelectric Properties of Al-based Icosahedral Quasicrystals and Approximants
			2011A1230	BL02B2	高際 良樹	
			2010A1249	BL02B2	木村 薫	

Soft Matter

27259	Mitsunori Asada	10 (2014) 6392-6403	2013A7206	BL03XU	浅田 光則	Melt Crystallization/Dewetting of Ultrathin PEO Films via Carbon Dioxide Annealing: The Effects of Polymer Adsorbed Layers
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Solid State Communications

27269	Clastin I. Sathish	177 (2014) 33-35	2012B4506	BL15XU	山浦 一成	Superconductivity of $\delta\text{-MoC}_{0.75}$ Synthesized at 17 GPa
			2013A4504	BL15XU	山浦 一成	

Structure

27063	Rieko Kojima	22 (2014) 431-443	2013A6804	BL44XU	稲葉 謙次	Radically Different Thioredoxin Domain Arrangement of ERp46, an Efficient Disulfide Bond Introducer of the Mammalian PDI Family
			2013B6804	BL44XU	稲葉 謙次	
			2013A1113	BL45XU	稲葉 謙次	
			2013B1200	BL45XU	稲葉 謙次	

Superconductor Science and Technology

27391	Michinaka Sugano	25 (2012) 054014	2011B1977	BL46XU	菅野 未知央	The Effect of the 2D Internal Strain State on the Critical Current in GdBCO Coated Conductors
			2010B1832	BL46XU	菅野 未知央	

Thin Solid Films

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
27224	Takahiro Nagata	554 (2014)	2010A4604	BL15XU	長田 貴弘	Photoelectron Spectroscopic Study on Band Alignment of Poly(3-hexylthiophene-2,5-diyI)/polar-ZnO Heterointerface
		194-198	2011A4611	BL15XU	長田 貴弘	

Topics in Catalysis

27036	Kohsuke Mori	57 (2014)	2012A1061	BL01B1	森 浩亮	Pt-supported Spherical Mesoporous Silica as a Nanosized Catalyst for Efficient Liquid-phase Hydrogenation
		1026-1031	2012B1058	BL01B1	森 浩亮	

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

26911	Takashi Yoshino	24 (2014) 126-135	2011B1214	BL04B1	芳野 極	Seismic Attenuation Measurement by Cyclic Loading under High Pressure and Temperature
			2012A1084	BL04B1	芳野 極	
			2012B1175	BL04B1	芳野 極	
			2013A1712	BL04B1	芳野 極	
			2013B1125	BL04B1	芳野 極	

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

27411	Kenji Suzuki	63 (2014)	2012A3781	BL22XU	鈴木 賢治	Stress Evaluation in Material with Coarse Grains Using Area Detector
		527-532	2012B3781	BL22XU	鈴木 賢治	

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

25793	Masayoshi Okuyama	70 (2014) 14-18	2013A1214	BL43IR	佐藤 昌憲	Basic Studies on the Identification of Excavated Archaeological Textile Fibers Using Polarized FT-IR Micro-Spectroscopy[II] -The Investigation of the Infrared Dichroism of Ramie-
			2011B1501	BL43IR	佐藤 昌憲	

低温科学 (Low Temperature Science)

27205	Hisako Hirai	71 (2013) 173-180	2010B1076	BL10XU	平井 寿子	Lowering Symmetry of Filled Ice Ic Hydrogen Hydrate under Low Temperatures and High Pressures
			2011A1778	BL10XU	平井 寿子	

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

27291	Masakazu Kobayashi	77 (2013) 375-384	2008A1498	BL20XU	小林 正和	Development of 3D Deformation Analysis Method in Polycrystalline Metal by Combining Synchrotron Radiation Tomography with X-Ray Diffraction
			2009A1554	BL20XU	小林 正和	
			2011B1116	BL20XU	戸田 裕之	

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

27394	Eiichi Mizohata	56 (2014) 241-246	2012B8036	BL3	岩田 想	Protein Structure Analysis Using X-ray Free-Electron Lasers
			2013A8039	BL3	岩田 想	
			2013B8045	BL3	岩田 想	
			2014A8032	BL3	岩田 想	
			2013A8040	BL3	島村 達郎	
			2013B8044	BL3	島村 達郎	

日本ゴム協会誌 (Journal of the Society of Rubber Industry, Japan)

18728	Naoya Amino	84 (2011) 117-123	2005B0877	BL19B2	石川 泰弘	Analysis of the Contact States between Rubber and Mated Surface Using X-ray Imaging Method-Studies on Contact States of Rubber Sliding on Spherical Hard Solids
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博士論文 (Peking University)

27005	Siyu Yao	(2014)	2012A1793	BL28B2	加藤 和男	In Situ Study on the Formation Mechanism of Rhodium and Palladium Nanoparticles
			2012B1264	BL28B2	朝倉 博行	
			2013A1476	BL28B2	朝倉 博行	

博士論文 (大阪大学)

27272	Hidefumi Takami	(2014)	2009B4904	BL15XU	田中 秀和	VO ₂ ナノ構造体創製によるナノ巨大物性発現とその電氣的制御
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博士論文 (熊本大学)

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
27018	Yukari Koga	(2012)	2010B1561	BL41XU	山縣 ゆり子	Structural Basis of pH Dependent Substrate Recognition in Human MTH1
			2011A6649	BL44XU	山縣 ゆり子	
			2011B6649	BL44XU	山縣 ゆり子	
			2012A6752	BL44XU	山縣 ゆり子	

博士論文 (慶應義塾大学)

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
26915	Takashi Tsuji	(2014)	2011B1016	BL19B2	中嶋 敦	Liquid-phase Synthesis of Organoeuropium Sandwich Complexes and Their Physical Properties
			2011B1014	BL14B2	中嶋 敦	

博士論文 (東京工業大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26888	Ryuichi Nomura	(2014)	2009B0087	BL10XU	廣瀬 敬	Chemical Evolution and Stratification of the Primordial Mantle and Core
			2012B0087	BL10XU	廣瀬 敬	
			2012B1706	BL47XU	野村 龍一	
			2011A0087	BL10XU	廣瀬 敬	
			2011B0087	BL10XU	廣瀬 敬	
			2012A0087	BL10XU	廣瀬 敬	

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
27212	Milena Agnieszka Guziak	(2014)	2013B1664	BL40B2	本間 優太	Improvement of the Electrical Conductivity of Organic Polymer Film through the Higher-Order Hierarchical Structure Control
			2014A1629	BL40B2	本間 優太	

博士論文 (兵庫県立大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
26932	Keisuke Nagai	(2014)	2011A6621	BL44XU	柴田 直樹	Molecular Design and Development of Nylon Hydrolase on the Basis of the Structural Analysis
			2011B6621	BL44XU	柴田 直樹	
			2012A6721	BL44XU	柴田 直樹	
			2012B6721	BL44XU	柴田 直樹	
			2006B2639	BL41XU	樋口 芳樹	

博士論文 (北陸先端科学技術大学院大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
27461	Duangta Tongsakul	(2014)	2011A1607	BL01B1	西村 俊	Studies on the Development of Platinum-Based Nanoparticles by a Green Synthetic Method as Heterogeneous Catalyst for Selective Oxidation of Polyols into Value-Added Chemicals
			2012B1610	BL01B1	西村 俊	

課題以外の成果として登録された論文

Dalton Transactions

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	タイトル
26890	Masaaki Sadakiyo	43 (2014) 11295-11298	理研	BL44B2	Synthesis and Catalytic Application of PVP-coated Ru Nanoparticles Embedded in a Porous Metal-Organic Framework

Physical Chemistry Chemical Physics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	タイトル
27385	Sojiro Minami	16 (2014) 18805-18812	理研	BL44B2	2,6-Diphenyl- and -distyryl-capped 3,7-dialkoxybenzo[1,2- <i>b</i> :4,5- <i>b'</i>] dithiophenes and Their Dithieno-annulated Higher Homologs: Structural Phase Transition with Enhanced Charge Carrier Mobility

Physical Review Special Topics - Accelerators and Beams

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	タイトル
27337	Yuichi Okayasu	16 (2013) 052801	加速器		Feasibility Study of a Single-Shot 3D Electron Bunch Shape Monitor with an Electro-Optic Sampling Technique
			XFEL		