

最近SPring-8から発表された成果リスト

財団法人高輝度光科学研究センター
利用業務部

SPring-8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/users/intellectual_property/article/publicfolder_view

このデータベースに登録された原著論文の内、平成18年6月～7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、チームライン、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/support/download/publication/user_exp_report/publicfolder_view

今後も利用者情報には発行月の2ヶ月前の月末締めで、2ヶ月分ずつ登録された論文情報を掲載していく予定ですが、データベースは毎日更新されていますので、最新情報はSPring-8論文データベース検索ページでご確認ください。なお、実験責任者のかたには、成果が公表されましたら速やかに登録いただきますようお願いいたします。

課題の成果として登録された論文

The Journal of Biological Chemistry

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	チームライン	実験責任者	タイトル
Shao-Chen Lee	8651	280 (2005) 9567-9577	C05A1014	BL12B2	Chen Chun-Jung	Structural Basis of Citrate-dependent Heparan Sulfate-mediated Cell Surface Retention of Cobra Cardiotoxin A3
Min-Feng Hsu	8652	280 (2005) 31257-31266	C05A1012	BL12B2	Wang Andrew H.-J.	Mechanism of the Mutation Process of SARS-CoV 3CL Protease
Chun-Hsiang Huang	8676	280 (2005) 38831-38838	C05A1014	BL12B2	Chen Chun-Jung	Crystal Structure of Glucooligosaccharide Oxidase from <i>Acremonium strictum</i> : A Novel Flavinylation of 6-S Cysteinylyl, 8 α -N1-Histidyl Fad
Kenji Sugawara	8893	280 (2005) 40058-40065	2004B0197	BL41XU	稲垣 冬彦	Structural Basis for the Specificity and Catalysis of Human Atg4B Responsible for Mammalian Autophagy
Yoshinori Hirano	8894	280 (2005) 9653-9661	2003B0483	BL41XU	稲垣 冬彦	Structure of a Cell Polarity Regulator, a Complex between Atypical PKC and Par6 PB1 Domains

Acta Crystallographica Section F

Yibin Xu	8647	61 (2005) 663-665	C05A1014	BL12B2	Chen Chun-Jung	Expression, Purification and Crystallization of the C-terminal Domain of <i>Escherichia coli</i> Adenylyltransferase
Masayuki Oda	9543	62 (2006) 569-571	2004B0885	BL38B1	大久保 忠恭	Crystallization and Preliminary X-ray Analysis of the Complex of NADH and 3 α -hydroxysteroid Dehydrogenase from <i>Pseudomonas</i> sp. B-0831
Takayoshi Kinoshita	9578	62 (2006) 623-626	2005B0982	BL41XU	木下 誉富	Tris(hydroxymethyl)aminomethane Induces Conformational Change and Crystal-Packing Contraction of Porcine Pancreatic Elastase
Tomoko Igarashi	9640	62 (2006) 688-691	2004A0092	BL41XU	武田 壮一	Crystallization and Preliminary X-ray Crystallographic Analysis of Two Vascular Apoptosis-inducing Proteins (VAPs) from <i>Crotalus atrox</i> Venom
			理研	BL45XU		

Biochemical and Biophysical Research Communications

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Chun-Jung Chen	8669	308 (2003) 684-688	C02B1007	BL12B2	Chen Chun-Jung	Preparation and X-ray Crystallographic Analysis of Rubredoxin Crystals from <i>Desulfovibrio Gigas</i> to Beyond Ultra-high 0.68 Å Resolution
Hai-Tao Li	8677	338 (2005) 1935-1942	C05A1014	BL12B2	Chen Chun-Jung	Crystal Structure of C-terminal Desundecapeptide Nitrite Reductase from <i>Achromobacter cycloclaste</i>
Takafumi Itoh	9500	344 (2006) 253-262	2005B0015	BL38B1	三上 文三	Substrate Recognition by Unsaturated Glucuronyl Hydrolase from <i>Bacillus</i> sp. GL1
Kazuaki Yoshimune	9644	346 (2006) 1118-1124	2001B0196	BL41XU	森口 充瞭	Crystal Structure of a Major Fragment of the Salt-tolerant Glutaminase from <i>Micrococcus luteus</i> K-3

Journal of Molecular Biology

Wen-Ching Wang	8641	342 (2004) 155-169	C04A1019	BL12B2	Wang Wen-Ching	Structural Basis for Catalytic Racemization and Substrate Specificity of an <i>N</i> -acylamino Acid Racemase Homologue from <i>Deinococcus Radiodurans</i>
Takafumi Itoh	9599	360 (2006) 573-585	2005A0393	BL38B1	三上 文三	A Novel Glycoside Hydrolase Family 105: The Structure of Family 105 Unsaturated Rhamnogalacturonyl Hydrolase Complexed with a Disaccharide in Comparison with Family 88 Enzyme Complexed with the Disaccharide
Kiyoshi Ito	9646	355 (2006) 722-733	2004A0638	BL38B1	芳本 忠	D-3-Hydroxybutyrate Dehydrogenase from <i>Pseudomonas fragi</i> : Molecular Cloning of the Enzyme Gene and Crystal Structure of the Enzyme
Kei Wada	9648	360 (2006) 839-849	2004B0059	BL41XU	福山 恵一	Crystal Structures of BchU, a Methyltransferase Involved in Bacteriochlorophyll <i>c</i> Biosynthesis, and its Complex with <i>S</i> -adenosylhomocysteine: Implications for Reaction Mechanism
			2004B0795	BL38B1	福山 恵一	

Acta Crystallographica Section D

Ying-Cheng Hsieh	8646	61 (2005) 780-783	C05A1014	BL12B2	Chen Chun-Jung	Anaerobic Purification and Crystallization to Improve the Crystal Quality : Ferredoxin II from <i>Desulfovibrio Gigas</i>
Jen-Yen Huang	8665	59 (2003) 1648-1650	C02B1007	BL12B2	Chen Chun-Jung	Purification, Crystallization and Preliminary X-ray Crystallographic Analysis of Nucleoside Diphosphate Kinase from Rice
Rey-Ting Guo	8668	59 (2003) 2265-2268	C02B1006	BL12B2	Wang Andrew H.-J.	Preliminary X-ray Diffraction Analysis of Octaprenyl Pyrophosphate Synthase Crystals from <i>Thermotoga Maritima</i> and <i>Escherichia Coli</i>

Analytical Sciences

Shinichi Suzuki	9506	21 (2005) 775-778	1999B0222	BL08W	中井 泉	Evaluation of a Quantitative Method for Trace Impurities in Arcenous Acids by Synchrotron Radiation X-ray Fluorescence Spectrometry and Inductivity Coupled Plasma-Atomic Emission Spectrometry
Masaaki Kasamatsu	9509	21 (2005) 785-787	2002A0729	BL37XU	二宮 利男	Nondestructive Analysis of Silver in Gold Foil Using Synchrotron Radiation X-ray Fluorescence Spectrometry
			2002B0847	BL37XU	二宮 利男	
			2003A0818	BL37XU	二宮 利男	
Yasuhiro Suzuki	9510	21 (2005) 855-859	2002A0729	BL37XU	二宮 利男	Forensic Discrimination of Sheet Glass by a Refractive-Index Measurement and Elemental Analysis with Synchrotron Radiation X-ray Fluorescence Spectrometry
			2002B0847	BL37XU	二宮 利男	
			2003A0818	BL37XU	二宮 利男	

The EMBO Journal

Chia-Lung Li	8670	22 (2003) 4014-4025	C02B1015	BL12B2	Yuan Hanna Shiao-Han	DNA Binding and Cleavage by the Periplasmic Nuclease Vvn: A Novel Structure with a Known Active Site
Youssef Ben Ammar	9642	25 (2006) 2315-2325	理研	BL44B2		Crystal Structure of CHP2 Complexed with NHE1-cytosolic Region and an Implication for pH Regulation
			2005A0165	BL41XU	武田 壮一	
Michitaka Masuda	9643	25 (2006) 2889-2897	2004B0125	BL38B1	武田 壮一	Endophilin BAR Domain Drives Membrane Curvature by Two Newly Identified Structure-based Mechanism
			理研	BL44B2		
			理研	BL45XU		

Japanese Journal of Applied Physics

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Kazuhiko Ikeuchi	9516	45 (2006) 1594-1601	2001B0203	BL35XU	水木 純一郎	Growth, Characterization and Application of Single-Crystal $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Having a Gradient in Sr Concentration
			2002A0537	BL35XU	水木 純一郎	
			2002B0632	BL35XU	水木 純一郎	
			2003A0175	BL35XU	水木 純一郎	
			2003B0248	BL35XU	水木 純一郎	
2004B0343	BL35XU	水木 純一郎				
Shintaro Yokoyama	9577	45 (2006) 5102-5106	2003B0596	BL13XU	舟窪 浩	Preparation and Structural Analysis of Micro-patterned $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$ Film by Metalorganic Chemical Vapor Deposition
Atsushi Momose	9598	45 (2006) 5254-5262	2005A0326	BL20XU	百生 敦	Phase Tomography by X-ray Talbot Interferometry for Biological Imaging

Macromolecules

Masatoshi Tosaka	9606	39 (2006) 5100-5105	2004A0388	BL40XU	登阪 雅聡	Crystallization and Stress Relaxation in Highly Stretched Samples of Natural Rubber and Its Synthetic Analogue
			2003B0664	BL40XU	池田 裕子	
			2005A0425	BL40XU	池田 裕子	
Yomoharu Sawayanagi	9612	39 (2006) 2201-2208	2004B0016	BL47XU	岩田 忠久	Real-Time Synchrotron SAXS and WAXD Studies on Annealing Behavior of Poly[(<i>R</i>)-3-hydroxybutyrate] Single Crystals
Toshihisa Tanaka	9613	39 (2006) 2940 - 2946	2004B0016	BL47XU	岩田 忠久	Formation of Highly Ordered Structure in Poly[(<i>R</i>)-3-hydroxybutyrate-co-(<i>R</i>)-3-hydroxyvalerate] High-Strength Fibers

Physica B

Satoshi Tsutsui	9557	378-380 (2006) 1011-1012	2004B0143	BL08W	筒井 智嗣	A Magnetic Compton Scattering Study of NpNiGa_5
Tomoyuki Sasaki	9591	378-380 (2006) 1066-1067	R04B0020	BL46XU	水牧 仁一郎	Incommensurate to Commensurate Phase Transition in a New Spin-Peierls System TiOBr
Yoshiharu Sakurai	9616	378-380 (2006) 1156-1157	J04B0505	BL08W	櫻井 吉晴	Spin-polarized Electron Momentum Density in GdRh_3B_2

Structure

Kuo-Chiang Hsia	8644	12 (2004) 205-214	C04A1018	BL12B2	Yuan Hanna Shiao-Han	DNA Binding and Degradation by the HNH Protein ColE7
Hsing-Mao Chu	8645	12 (2004) 2015-2024	C04B1008	BL12B2	Wang Andrew H.-J.	Structures of <i>Selenomonas ruminantium</i> Phytase in Complex with Persulfated Phytate: DSP Phytase Fold and Mechanism for Sequential Substrate Hydrolysis
Hiroto Yamaguchi	9652	14 (2006) 589-600	C03A7426	BL44XU	北野 健	Molecular Mechanism for the Regulation of Rho-Kinase by Dimerization and Its Inhibition by Fasudil
			C03B7426	BL44XU	北野 健	

Acta Crystallographica Section A

Chao- Hung Du	8655	60 (2004) 209-213	C04A1007	BL12B2	Chang Shih- Lin	X-ray Multiple-wave Coherent Interaction in a Quasi-two-dimensional Material $\text{NbSe}_2\text{-}2H$
Kouhei Okitsu	9563	62 (2006) 237-247	2002A0499	BL09XU	沖津 康平	Polarization-Dependent Six-Beam X-ray Pinhole Topographs
			2003B0594	BL09XU	沖津 康平	
			2004A0330	BL09XU	沖津 康平	

Applied Physics Letters

C. H. Huang	8659	86 (2005) 141905	C04A1006	BL12B2	Pong Way- Faung	Electronic and Atomic Structures of Quasi-one-dimensional $\text{K}_{0.3}\text{MoO}_3$
Masahito Tagawa	9562	88 (2006) 133512	2005A0013	BL23SU	田川 雅人	Oxidation of $\text{Si}(001)$ with a Hyperthermal O-atom Beam at Room Temperature: Suboxide Distribution and Residual Order Structure

Biomacromolecules

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Shigeo Sasaki	9541	7 (2006) 1942-1950	2005B1145	BL45XU	佐々木 茂男	Transition of Nanostructure in DNA-Cationic Surfactant Complexes with the Added Salt
Tadahisa Iwata	9608	6 (2005) 1803-1809	2004B0016	BL47XU	岩田 忠久	Time-Resolved X-ray Diffraction Study on Poly[(R)-3-hydroxybutyrate] Films during Two-step-drawing: Generation Mechanism of Planar Zigzag Structure

Chemical Physics Letters

S. Mylswamy	8660	412 (2005) 444-448	C04A1005	BL12B2	Liu Ru-Shi	Anode Catalysts for Enhanced Methanol Oxidation: An in Situ XANES Study of PtRu/C and PtMo/C Catalysts
Yuichi Akahama	8693	392 (2004) 476-479	2003A0660	BL10XU	赤浜 裕一	High-pressure UV Spectroscopy on Oxygen up to 1.5 GPa

Journal of Molecular Catalysis A: Chemical

Shawn D. Lin	8674	238 (2005) 88-95	C04A1002	BL12B2	Chang Jen-Rey	Probing Pd-carbon Interaction in Pd/C Catalysts by EXAFS
Din-Goa Liu	8675	240 (2005) 197-206	C04A1005	BL12B2	Liu Ru-Shi	Characterization of Pt-Ru/C Catalysts by X-ray Absorption Spectroscopy and Temperature-programmed Surface Reaction

Journal of Structural Biology

Meng-Ling Tsai	8642	148 (2004) 290-296	C04A1006	BL12B2	Liaw Shwu-Huey	The Crystal Structure of Ym1 at 1.31 Resolution
Jen-Yen Huang	8653	150 (2005) 309-318	C05A1014	BL12B2	Chen Chun-Jung	Crystal Structure of Nucleoside Diphosphate Kinase Required for Coleptile Elongation in Rice (<i>Oryza Sativa</i> L.)

Journal of the American Chemical Society

Bing-Joe Hwang	8662	127 (2005) 11140-11145	C04A1004	BL12B2	Hwang Bing-Joe	Structural Models and Atomic Distribution of Bimetallic Nanoparticles as Investigated by X-ray Absorption Spectroscopy
Yuming Xiao	9525	128 (2006) 7608-7612	2005A4032	BL09XU	Cramer Stephen	How Nitrogenase Shakes-Initial Information about P-cluster and FeMo-cofactor Normal Modes from Nuclear Resonance Vibrational Spectroscopy (NRVS)

Macromolecular Bioscience

Jun-Wuk Park	9610	5 (2005) 840-852	2004B0016	BL47XU	岩田 忠久	Uniaxial Drawing of Poly[(R)-3-hydroxybutyrate]/Cellulose Acetate Butyrate Blends and Their Orientation Behavior
Iwata Tadahisa	9614	5 (2005) 689-701	2004B0016 2003B0054 2003A0051	BL47XU BL47XU BL47XU	岩田 忠久 岩田 忠久 岩田 忠久	Strong Fibers and Films of Microbial Polyesters

Macromolecular Rapid Communications

Hiroki Uehara	9553	27 (2006) 966-970	2002B0040 2003B0303	BL40B2 BL40B2	村上 昌三 上原 宏樹	Phase Development Mechanism during Drawing from Highly Entangled Polyethylene Melts
Masahiro Fujita	9611	26 (2005) 678-683	2004B0016	BL47XU	岩田 忠久	Synchrotron SAXS and WAXS Studies on Changes in Structural and Thermal Properties of Poly[(R)-3-hydroxybutyrate] Single Crystals during Heating

Acta Crystallographica Section E

Michito Shiotsuka	9656	62 (2006) m980-m982	2003A0164	BL04B2	伊藤 光宏	Bis(2,2'-bipyridine){3,8-bis[2-(4-tolyl)-ethynyl]-1,10-phenanthroline}ruthenium(II)bis(hexafluorophosphate)
-------------------	------	------------------------	-----------	--------	-------	---

Biochemical Journal

Kai-Fa Huang	8634	378 (2004) 399-407	C04A1017	BL12B2	Wang Andrew H.-J.	Crystal Structure of a Platelet-agglutinating Factor Isolated from the Venom of Taiwan Habu (<i>Trimeresurus mucrosquamatus</i>)
--------------	------	-----------------------	----------	--------	-------------------	--

Cell

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Toru Sengoku	9645	125 (2006) 287-300	2004A0299 2004A0828	BL41XU BL41XU	仙石 徹 仙石 徹	Structural Basis for RNA Unwinding by the DEAD-Box Protein <i>Drosophila</i> Vasa

Cellulose

Yoshiaki Yuguchi	9540	12 (2005) 469-477	2002B0378	BL40B2	湯口 宜明	Structural Characteristics of Xyloglucan Congo Red Aggregates as Observed by Small Angle X-ray Scattering
------------------	------	----------------------	-----------	--------	-------	---

Chemical Communications

Gergely Juhasz	9597	(2004) 2574-2575	2004A3891	BL09XU	瀬戸 誠	NRIS Study on the [FeN ₆] Core in Photo-induced High-Spin State of [Fe(2-pic) ₃]Cl ₂ · EtOH
----------------	------	---------------------	-----------	--------	------	--

Chinese Journal of Physics

K. S. Liang	8657	43 (2005) 219-232	C04A1009	BL12B2	Noh Do-Young	Surface X-Ray Scattering: Shape and Structure of Low-dimensional Objects
-------------	------	----------------------	----------	--------	--------------	--

Clay Science

Masashi Nakano	9461	12 (2006) 76-81	2000A0096	BL01B1	中野 政詩	Adsorption Sites of Cs on Smectite by EXAFS Analyses and Molecular Dynamics Simulations
----------------	------	--------------------	-----------	--------	-------	---

Current Opinion in Structural Biology

Kuo-Chiang Hsia	8650	15 (2005) 126-134	C05A1009	BL12B2	Yuan Hanna Shiao-Han	Structural and Functional Insight into Sugar-nonspecific Nucleases in Host Defense
-----------------	------	----------------------	----------	--------	----------------------	--

Earth and Planetary Science Letters

Shigeaki Ono	9534	246 (2006) 326-335	2003A0013	BL10XU	巽 好幸	Stability and Compressibility of the High-Pressure Phases of Al ₂ O ₃ up to 200 GPa: Implications for the Electrical Conductivity of the Base of the Lower Mantle
--------------	------	-----------------------	-----------	--------	------	---

e-Journal of Surface Science and Nanotechnology

Hirokazu Fukidome	9532	4 (2006) 1-5	2005B0651	BL27SU	上田 一之	Variation of Contrasts of H/pn-Si(100) Imaged with Different Emission Microscopies
-------------------	------	-----------------	-----------	--------	-------	--

FEBS Letters

Yoshinori Hagiwara	9647	580 (2006) 3823-3828	2005A0214	BL38B1	福山 恵一	Induced-fitting and Electrostatic Potential Change of PcyA upon Substrate Binding Demonstrated by the Crystal Structure of the Substrate-free Form
--------------------	------	-------------------------	-----------	--------	-------	--

Journal of Applied Physics

Souichiro Mizusaki	9507	99 (2006) 08F703	J05A0513	BL08W	伊藤 真義	Magnetic Properties of CaRu _{1-x} Fe _x O ₃
--------------------	------	---------------------	----------	-------	-------	---

Journal of Physics and Chemistry of Solids

Toshio Yamaguchi	8768	66 (2005) 2246-2249	2003B0574	BL35XU	山口 敏男	Collective Dynamics of Supercritical Water
------------------	------	------------------------	-----------	--------	-------	--

Journal of Physics B: Atomic, Molecular and Optical Physics

Hirofumi Oohashi	9560	39 (2006) 2349-2353	C04A2003	BL15XU	伊藤 嘉昭	Determination of ⁷⁸ Pt L ₃ N ₄ Transition Energy Using Threshold Excitation in SPring-8
------------------	------	------------------------	----------	--------	-------	--

Journal of Physics: Condensed Matter

Junpei Okada	9651	18 (2006) 7203-7208	2002A0436	BL08W	七尾 進	A Compton Scattering Study on the Hume-Rothery Mechanism of AlCu-TM (TM: transition metal) Quasicrystals
--------------	------	------------------------	-----------	-------	------	--

Journal of Physics D

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Akane Agui	9596	39 (2006) 2881-2885	2002B0642	BL23SU	朝日 透	Study on N ₂ -added and B-doped Effect in Co/Pd Multilayered Films using Soft X-ray Absorption and Magnetic Circular Dichroism
			2003A0689	BL23SU	朝日 透	

Journal of Power Sources

Loka Subramanyam Sarma	8664	139 (2005) 44-54	C04A1004	BL12B2	Hwang Bing- Joe	Carbon-supported Pt-Ru Catalysts Prepared by the Nafion Stabilized Alcohol- reduction Method for Application in Direct Methanol Fuel Cells
------------------------------	------	---------------------	----------	--------	--------------------	--

Journal of The Electrochemical Society

Noriyuki Tamura	9593	153 (2006) A1626-A1632	C02A4020	BL16B2	三上 朗	Study on Sn-Co Alloy Anodes for Lithium Secondary Batteries I. Amorphous System
--------------------	------	---------------------------	----------	--------	------	---

Materials Transactions

Kaoru Mizuno	9568	47 (2006) 1299-1302	J01B0506	BL20B2	水野 薫	Visualization of Hydride in Titanium and Titanium-Aluminide by Refraction-Enhanced X-ray Imaging Technique
-----------------	------	------------------------	----------	--------	------	--

Microbiology

Seiya Watanabe	7327	151 (2005) 1083-1094	1999B0281	BL41XU	田中 勲	Elucidation of Stability Determinants of Cold-Adapted Monomeric Isocitrate Dehydrogenase from a Psychrophilic Bacterium, <i>Colwellia Maris</i> , by Construction of Chimeric Enzymes
			2000B0373	BL40B2	田中 勲	
			2000A0367	BL41XU	田中 勲	

Nucleic Acids Research

Chin-Yu Chen	8654	33 (2005) 430-438	C05A1012	BL12B2	Wang Andrew H.-J.	Probing the DNA Kink Structure Induced by the Hyperthermophilic Chromosomal Protein Sac7d
-----------------	------	----------------------	----------	--------	----------------------	---

Philosophical Magazine

Hiroyuki Takakura	9494	86 (2006) 621-627	2004B0033	BL02B1	山本 昭二	<i>Ab initio</i> Reconstruction of p-type Icosahedral Zn-Mg-Ho Quasicrystal Structures
----------------------	------	----------------------	-----------	--------	-------	--

Physical Review A

Hirofumi Oohashi	8936	73 (2006) 22507	C03A2004	BL15XU	伊藤 嘉昭	Evolution of Au $L\beta_2$ Visible Satellites around Thresholds
			C05A2001	BL15XU	伊藤 嘉昭	

Physical Review B

Kazuo Soda	8852	71 (2005) 245112	2000B0424	BL25SU	曾田 一雄	High-Resolution Soft X-ray Photoelectron Study of Density of States and Thermoelectric Properties of the Heusler-type Alloys (Fe _{2/3} V _{1/3}) _{100-γ} Al _γ
			2001A0223	BL25SU	曾田 一雄	

Physical Review Letters

Yuichiro Morishita	9572	96 (2006) 243402	2005B0497	BL27SU	森下 雄一郎	Experimental Evidence of Interatomic Coulombic Decay from the Auger Final States in Argon Dimers
			2005A0022	BL27SU	齋藤 則生	
			2005B0408	BL27SU	齋藤 則生	

Polymer

Toshihisa Tanaka	9609	46 (2005) 5673-5679	2004B0016	BL47XU	岩田 忠久	Structure Investigation of Narrow Banded Spherulites in Polyhydroxyalkanoates by Microbeam X-ray Diffraction with Synchrotron Radiation
---------------------	------	------------------------	-----------	--------	-------	---

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

Koji Obara	9513	102 (2005) 14489-14496	2004A0455	BL41XU	豊島 近	Structural Role of Countertransport Revealed in Ca ²⁺ Pump Crystal Structure in the Absence of Ca ²⁺
------------	------	---------------------------	-----------	--------	------	--

Protein Science

筆頭著者名	研究成果番号	巻、発行年、頁	課題番号	ビームライン	実験責任者	タイトル
Hui-Cuhn Cheng	8643	13 (2004) 2304-2315	C04B1011	BL12B2	Sun Yuh-Ju	Lipid Binding in Rice Nonspecific Lipid Transfer Protein-1 Complexes from <i>Oryza Sativa</i>

Science of the Total Environment

Yoshio Takahashi	9526	363 (2006) 275-284	2003A0536	BL01B1	高橋 嘉夫	Speciation of Iodine in Solid Environmental Samples by Iodine K-edge XANES: Application to Soils and Ferromanganese Oxides
			2003A0385	BL01B1	高橋 嘉夫	

Thin Solid Films

Toshifumi Terui	7696	499 (2006) 157-160	2001B0162	BL43IR	益子 信郎	Structures of Thin Films of Tertiary-Phenyl-Porphyrin Derivatives on Gold Surface
			2003A0481	BL43IR	益子 信郎	
			2003B0593	BL43IR	益子 信郎	

Topics in Catalysis

Hirohisa Tanaka	7116	30/31 (2004) 389-396	2001B0511	BL01B1	西畑 保雄	Design of the Intelligent Catalyst for Japan ULEV Standard
--------------------	------	-------------------------	-----------	--------	-------	--

博士論文

Toyoto Sato	9515	Stockholm University (2006)	2005B0344	BL19B2	境 哲男	Novel Interstitial Mg-TM(TM=Ti,Zr,Hf,V,Nb and Ta) Hydrides with an FCC Structure and CaNiH ₃ with a Perovskite Structure
----------------	------	-----------------------------------	-----------	--------	------	---

課題以外の成果

The EMBO Journal

筆頭著者名	研究成果番号	巻、発行年、頁		ビームライン	タイトル
Soichi Takeda	9641	25 (2006) 2388-2396	理研	BL45XU	Crystal Structures of VAP1 Reveal ADAMs' MDC Architecture and Its Unique C-shaped Scaffold

Physical Review B

Ayako Ohmura	9498	73 (2006) 104105	原研	BL22XU	Infrared Spectroscopic Study of the Band-Gap Closure in YH ₃ at High Pressure
-----------------	------	---------------------	----	--------	--

Physical Review Letters

Takanori Hattori	9592	96 (2006) 255504	原研 原研	BL14B1 BL22XU	Does Bulk Metallic Glass of Elemental Zr and Ti Exist?
---------------------	------	---------------------	----------	------------------	--

Solid State Communications

Akihiko Machida	9499	138 (2006) 436-440	原研	BL22XU	X-ray Diffraction Investigation of the Hexagonal-fcc Structural Transition in Yttrium Trihydride under Hydrostatic Pressure
--------------------	------	-----------------------	----	--------	---