

最近SPring-8から発表された成果リスト

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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/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24年4月～6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。

SPring-8 研究成果登録データベースに2012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	16	Journal of the Physical Society of Japan	5
Applied Physics Letters	11	Chemistry Letters	4
The Journal of Biological Chemistry	9	Japanese Journal of Applied Physics	4
Acta Crystallographica Section F	7	Applied Physics Letters	4
Proceedings of the SPIE	6	Proceedings of the National Academy of Science of the United States of America	4
Angewandte Chemie International Edition	5		
Inorganic Chemistry	5		

他全128誌、計 242報

課題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	課題番号	ビームライン	実験責任者	タイトル
19940	Kazuhiro Fuchizaki	84 (2011) 144105	2010B3781	BL22XU	淵崎 員弘	Equation of State for the Low-Pressure Crystalline Phase of SnI_4
			2009B3782	BL22XU	淵崎 員弘	
			2009A3614	BL14B1	淵崎 員弘	
			2002A0103	BL14B1	淵崎 員弘	
			2001B0160	BL14B1	淵崎 員弘	
20607	Milos Krbal	84 (2011) 104106	2009B1206	BL01B1	Kolobov Alexander	Local Atomic Order of Crystalline $\text{Ge}_8\text{Sb}_2\text{Te}_{11}$ across the Ferroelectric to Paraelectric Transition: The Role of Vacancies and Static Disorder
20609	Milos Krbal	83 (2011) 054203	2008B1204	BL01B1	Fons Paul	Intrinsic Complexity of the Melt-quenched Amorphous $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Memory Alloy
			2009B1206	BL01B1	Kolobov Alexander	
			2010A1162	BL01B1	Krbal Milos	
20759	Enju Sakai	84 (2011) 195132	2009B1774	BL47XU	組頭 広志	Competition between Instabilities of Peierls Transition and Mott Transition in W-doped VO_2 Thin Films
			2010A1677	BL47XU	組頭 広志	
			2010B1740	BL47XU	組頭 広志	
			2011A1669	BL47XU	組頭 広志	
21282	Hisashi Kotegawa	84 (2011) 054524	2007B1549	BL10XU	小林 達生	Pressure-induced Structural Phase Transitions in UIr
21305	Akihiko Fujiwara	85 (2012) 144305	2009B1144	BL02B1	谷垣 勝己	Quantitative Relation between Structure and Thermal Conductivity in Type-I Clathrates $\text{X}_8\text{Ga}_{16}\text{Ge}_{30}$ ($\text{X} = \text{Sr}, \text{Ba}$) Based on Electrostatic-Potential Analysis
			2010A1632	BL02B2	谷垣 勝己	
			2010B1508	BL02B1	谷垣 勝己	
			2011A1444	BL02B1	谷垣 勝己	
			2011A1543	BL02B2	谷垣 勝己	
21311	Thomas Haynes	85 (2012) 115137	2009A1454	BL08W	Duffy Jonathan	Ferrimagnetism in Fe-rich NbFe_2
21438	Keiki Fukumoto	85 (2012) 134414	2007B1739	BL25SU	大谷 義近	Nonlinear Motion of Magnetic Vortex Cores during Fast Magnetic Pulses
21439	Kuniaki Arai	85 (2012) 174401	2007A1835	BL17SU	新井 邦明	Direct Observation of Twin Domains of $\text{NiO}(100)$ by X-ray Linear Dichroism at the O K Edge Using Photoemission Electron Microscopy
			2008A1723	BL17SU	新井 邦明	
			2008A1726	BL25SU	新井 邦明	
			2009A1667	BL17SU	新井 邦明	
21462	Yukiharu Takeda	84 (2011) 153102	2008B2195	BL27SU	木下 豊彦	Electronic Structure of Aluminum Trihydride Studied using Soft X-ray Emission and Absorption Spectroscopy
21470	Hidefumi Takami	85 (2012) 205111	2009B4904	BL15XU	田中 秀和	Filling-controlled Mott Transition in W-doped VO_2
21486	Yu Kumagai	85 (2012) 174422	2009A1136	BL02B2	Belik Alexei	Observation of Persistent Centrosymmetry in the Hexagonal Manganite Family
21578	Hidekazu Okamura	85 (2012) 205116	2009A0089	BL43IR	岡村 英一	Pressure Suppression of Unconventional Charge-Density-Wave State in $\text{PrRu}_4\text{P}_{12}$ Studied by Optical Conductivity
			2009B0089	BL43IR	岡村 英一	
			2010A0089	BL43IR	岡村 英一	
			2010B0089	BL43IR	岡村 英一	
			2011A0089	BL43IR	岡村 英一	
21581	Shin-ichiro Hatta	84 (2011) 245321	2007B1112	BL13XU	八田 振一郎	Dynamical Fluctuations in In Nanowire on $\text{Si}(111)$

Applied Physics Letters

19897	Hidesada Natsui	98 (2011) 132909	2009B1067	BL02B2	三浦 靖一郎	Nanosized Hexagonal Mn- and Ga-doped BaTiO_3 with Reduced Structural Phase Transition Temperature
			2009B0084	BL02B2	久保田 佳基	
			2010A1220	BL02B2	増野 敦信	
			2010A0084	BL02B2	久保田 佳基	
21314	Y. S. Sun	100 (2012) 161907	2011A4502	BL15XU	辻本 吉廣	Resistive Switching Phenomenon Driven by Antiferromagnetic Phase Separation in an Antiperovskite Nitride Mn_3ZnN
			2011A4508	BL15XU	松下 能孝	
21459	Tracy Lovejoy	100 (2012) 181602	2009A4800	BL15XU	小林 啓介	Band Bending and Surface Defects in $\beta\text{-Ga}_2\text{O}_3$

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
21461	Peter Krogstrup	100 (2012) 093103	2011B3572	BL11XU	Feidenhansl Robert	<i>In-situ</i> X-ray Characterization of Wurtzite Formation in GaAs Nanowires
21468	Hiroki Kondo	99 (2011) 213110	2009B2056	BL19B2	堀 勝	Synchrotron X-ray Analyses of Crystalline and Electronic Structures of Carbon Nanowalls
			2007B1752	BL13XU	堀 勝	
			2008B1811	BL13XU	堀 勝	
			2009A1176	BL13XU	堀 勝	
			2010A1670	BL13XU	堀 勝	
			2008B1805	BL27SU	堀 勝	
2009A1684	BL27SU	堀 勝				
21476	Mohammad Ghafari	100 (2012) 133111	2011A1311	BL04B2	Kamali Saeed	Structural Investigations of Interfaces in Fe ₉₀ Sc ₁₀ Nanoglasses Using High-Energy X-ray Diffraction
21477	Mohammad Ghafari	100 (2012) 203108	2011A1307	BL09XU	Ghafari Mohammad	Structure of Iron Nanolayers Embedded in Amorphous Alloys
			2011A1311	BL04B2	Kamali Saeed	
21655	Fumio Kawamura	100 (2012) 251910	2011B1204	BL10XU	遊佐 斉	Synthesis of Rhenium Nitride Crystals with MoS ₂ Structure
			2011A1171	BL04B2	遊佐 斉	
21725	Toshiyuki Matsunaga	99 (2011) 231907	2010B1827	BL02B2	松永 利之	The Order-Disorder Transition in GeTe: Views from Different Length-Scales
			2009A1462	BL01B1	Kolobov Alexander	
21763	Alexander Kaiser	100 (2012) 261603	2010B4800	BL15XU	小林 啓介	Electronic Structure of Delta-doped La:SrTiO ₃ Layers by Hard X-ray Photoelectron Spectroscopy
21787	Yu Shiratsuchi	100 (2012) 262413	2011B1707	BL25SU	白土 優	Isothermal Switching of Perpendicular Exchange Bias by Pulsed High Magnetic Field

Acta Crystallographica Section F

20396	Yasuhito Shomura	67 (2011) 827-829	2010A1223	BL41XU	庄村 康人	Crystallization and Preliminary X-ray Diffraction Analysis of Membrane-Bound Respiratory [NiFe] hydrogenase from <i>Hydrogenovibrio marinus</i>
			2010A6520	BL44XU	庄村 康人	
			2010B6520	BL44XU	庄村 康人	
20587	Ryohei Ishii	63 (2007) 637-641	2006A1362	BL41XU	関根 俊一	The Structure of the Flexible Arm of <i>Thermotoga maritima</i> tRNase Z Differs from Those of Homologous Enzymes
21148	Yukie Maruyama	68 (2012) 317-320	2011A1004	BL41XU	山本 雅貴	Crystallization and Preliminary X-ray Analysis of Alginate Importer from <i>Sphingomonas</i> sp. A1
			2011A1186	BL38B1	橋本 涉	
21419	Sangwoo Kim	68 (2012) 517-521	2009B6937	BL44XU	水島 恒裕	New Crystal Structure of the Proteasome-dedicated Chaperone Rpn14 at 1.6Å Resolution
21420	Asako Kounosu	66 (2010) 842-845	2010A1900	BL32B2	長谷川 和也	Crystallization and Preliminary X-ray Diffraction Studies of Hyperthermophilic Archaeal Rieske-type Ferredoxin (ARF) from <i>Sulfolobus solfataricus</i> P1
21569	Hirofumi Komori	68 (2012) 675-677	2011B1071	BL38B1	小森 博文	Purification, Crystallization and Preliminary X-ray Analysis of Human Histidine Decarboxylase
			2010A6518	BL44XU	小森 博文	

Angewandte Chemie International Edition

21236	Shinobu Aoyagi	51 (2012) 3377-3381	2011B0027	BL02B1	北浦 良	Rock-Salt-Type Crystal of Thermally Contracted C ₆₀ with Encapsulated Lithium Cation
			2011B0083	BL02B1	澤 博	
			2011B0084	BL02B2	久保田 佳基	
21316	Jens Bunzen	51 (2012) 3161-3163	2011A1102	BL38B1	佐藤 宗太	Self-Assembly of M ₂₄ L ₄₈ Polyhedra Based on Empirical Prediction
21317	Qing-Fu Sun	50 (2011) 10318-10321	2010A1012	BL38B1	藤田 誠	A Sphere-in-Sphere Complex by Orthogonal Self-Assembly
			2010B1423	BL38B1	佐藤 宗太	
			2011A1802	BL38B1	佐藤 宗太	
21579	Kiyotaka Takao	51 (2012) 5893-5896	2010A1474	BL01B1	佐藤 宗太	Incarceration of (PdO) _n and Pd _n Clusters by Cage-Templated Synthesis of Hollow Silica Nanoparticles
			2010B1378	BL01B1	佐藤 宗太	
			2011A1363	BL01B1	佐藤 宗太	
21625	Takato Mitsudome	51 (2012) 136-139	2011A1295	BL01B1	金田 清臣	Design of a Silver–Cerium Dioxide Core–Shell Nanocomposite Catalyst for Chemoselective Reduction Reactions

The Journal of Biological 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
19888	Atsushi Inanobe	285 (2010) 38517-38523	2007B2025	BL41XU	稲野辺 厚	A Structural Determinant for the Control of PIP ₂ Sensitivity in G Protein-gated Inward Rectifier K ⁺ Channels
21244	Bunzo Mikami	286 (2011) 38691-38702	2011A1221	BL38B1	三上 文三	Crystal Structures of Protein Glutaminase and Its Pro Forms Converted into Enzyme-Substrate Complex
			2011B1419	BL38B1	三上 文三	
21255	Kenji Takagi	287 (2012) 12172-12182	2011A6645	BL44XU	水島 恒裕	Structural Basis for Specific Recognition of Rpt1p, an ATPase Subunit of 26 S Proteasome, by Proteasome-dedicated Chaperone Hsm3p
21418	Fumi Shima	285 (2010) 22696-22705	2006A1786	BL41XU	村岡 真	Structural Basis for Conformational Dynamics of GTP-bound Ras Protein
			2009A1102	BL38B1	村岡 真	
21616	Nobuo Maita	285 (2010) 4941-4950	2006B1640	BL38B1	神田 大輔	Comparative Structural Biology of Eubacterial and Archaeal Oligosaccharyltransferases

Proceedings of SPIE

21491	Yoshiki Kawata	8315 (2012) 83150C	2007B1893	BL20B2	仁木 登	Image-Based Computer-Aided Prognosis of Lung Cancer: Predicting Patient Recurrent-Free Survival via a Variational Bayesian Mixture Modeling Framework for Cluster Analysis of CT Histograms
21492	Yoshihiro Nakaya	8313 (2012) 831311	2007B1893	BL20B2	仁木 登	A Method for Modulation Transfer Function Determination from Blood Vessel Profiles Measured in Computed Tomography
21493	Yoshiki Kawata	7965 (2011) 79651P	2007B1893	BL20B2	仁木 登	Human Pulmonary Acinar Airspace Segmentation from Three-Dimensional Synchrotron Radiation Micro CT Images of the Secondary Pulmonary Lobule
21494	Yoshiki Kawata	7626 (2010) 762610	2007B1893	BL20B2	仁木 登	Microstructural Analysis of Secondary Pulmonary Lobule Imaged by Synchrotron Radiation Micro CT Using Offset Scan Mode
21496	Yoshiki Kawata	7258 (2009) 725809	2007B1893	BL20B2	仁木 登	Measurement of Spatial and Density Resolutions in X-ray Nano Computed Tomography

Chemistry Letters

17085	Tomoki Nishimura	39 (2010) 686-687	2009A0012	BL40B2	櫻井 和朗	Cation-specific Transition from Vesicle to Lamella for an Aromatic Diamine Lipid in Aqueous Solutions
			2008B0012	BL40B2	櫻井 和朗	
			2009A1883	BL40B2	秋葉 勇	
21266	Chihiro Muramatsu	41 (2012) 270-271	2010B1363	BL01B1	光延 聖	Immobilization of Arsenic(V) during the Transformation of Ferrihydrite: A Direct Speciation Study using Synchrotron-based XAFS Spectroscopy
			2011A1223	BL01B1	光延 聖	
21742	Izumi Nakai	40 (2011) 1398-1399	2011A1620	BL37XU	中井 泉	SR-XRF Imaging of Cs Highly Accumulated in Vegetables
21760	Shota Fujii	41 (2012) 501-503	2010A1432	BL40B2	櫻井 和朗	Thermodynamics of Lipoplex Formation: Relationship between the Lipid Alkyl Tail Length and Thermodynamic Functions
			2009A0012	BL40B2	櫻井 和朗	

Inorganic Chemistry

21303	Yoshihiro Tsujimoto	51 (2012) 4802-4809	2011A4502	BL15XU	辻本 吉廣	Crystal Structural, Magnetic and Transport Properties of Layered Cobalt Oxyfluorides, Sr ₂ CoO _{3+x} F _{1-x} (0 ≤ x ≤ 0.15)
			2010B4505	BL15XU	辻本 吉廣	
21342	Hirofumi Akamatsu	51 (2012) 4560-4567	2011A1641	BL02B2	藤田 晃司	Crystal and Electronic Structure and Magnetic Properties of Divalent Europium Perovskite Oxides EuMO ₃ (M = Ti, Zr, and Hf): Experimental and First-Principles Approaches
			2011B1504	BL02B2	藤田 晃司	
21565	Masami Kanzaki	51 (2012) 6164-6172	2011B1990	BL19B2	神崎 正美	Structural Characterization of Moganite-Type AlPO ₄ by NMR and Powder X-ray Diffraction
21636	Hitoshi Yusa	51 (2012) 6559-6566	2011B1359	BL10XU	遊佐 斉	Perovskite-to-Postperovskite Transitions in NaNiF ₃ and NaCoF ₃ and Disproportionation of NaCoF ₃ Postperovskite under High Pressure and High Temperature
			2011A1171	BL04B2	遊佐 斉	
			2010B1199	BL04B2	遊佐 斉	
			2010A1185	BL10XU	遊佐 斉	

Japanese Journal of Applied Physics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21571	Ayako Omura	50 (2011) 125802	2010A1041	BL01B1	守友 浩	Cation Extraction Process in Bilayer Cyanide Film as Investigated by Depth-Resolved X-ray Absorption Spectroscopy
			2010B1062	BL01B1	守友 浩	
21604	Takuo Ohkouchi	51 (2012) 073001	2009A1443	BL25SU	木下 豊彦	Microscopic and Spectroscopic Studies of Light-Induced Magnetization Switching of GdFeCo Facilitated by Photoemission Electron Microscopy (PEEM)
			2009B1347	BL25SU	木下 豊彦	
			2009B2120	BL25SU	大河内 拓雄	
			2010A1645	BL25SU	菅 滋正	
			2011A1183	BL25SU	大河内 拓雄	
2011A2056	BL25SU	大河内 拓雄				
21746	Tsuyoshi Yoshioka	51 (2012) 073201	2011A1241	BL01B1	山本 知之	Analysis of Charge Compensation Mechanisms in $Pr_{1-x}A_xCoO_{3-\delta}$ (A = Ca, Sr) by X-ray Absorption Near-Edge Structure
21765	Takayuki Ide	51 (2012) 06FD02	2009B1735	BL17SU	吹留 博一	Epitaxy of Graphene on 3C-SiC(111) Thin Films on Microfabricated Si(111) Substrates
			2010B1712	BL17SU	吹留 博一	
			2010A3875	BL23SU	末光 眞希	
			2010B3878	BL23SU	末光 眞希	

Journal of the Physical Society of Japan

20216	Satomi Kakiya	80 (2011) 093704	2010A0083	BL02B1	澤 博	Superconductivity at 38 K in the Iron-Based Compound with Platinum-Arsenide Layers $Ca_{10}(Pt_4As_8)(Fe_{2-x}Pt_xAs_2)_5$
			2010A0084	BL02B2	久保田 佳基	
21279	Shinji Michimura	81 (2012) 044711	2009A3711	BL22XU	稲見 俊哉	Resonant X-Ray Diffraction Study of Multipole Ordering in the Ferromagnetic Compound $CePd_3S_4$
			2009B3711	BL22XU	稲見 俊哉	
			2010A3711	BL22XU	稲見 俊哉	
21499	Hiroyuki Fujishiro	81 (2012) 064709	2011A1060	BL01B1	藤代 博之	Valence Shift of Pr Ion from 3+ to 4+ in $(Pr_{1-y}Y_y)_{0.7}Ca_{0.3}CoO_3$ Estimated by X-Ray Absorption Spectroscopy
21514	Nobuyoshi Hosoito	81 (2012) 064713	2006B1535	BL39XU	細糸 信好	Au Spin Polarization Induced in an Fe/Au(001) Multilayer with Interlayer Exchange Coupling from the X-ray Energy Dependence of Resonant X-ray Magnetic Scattering at the Au L_3 Absorption Edge

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

18420	Chikashi Toyoshima	108 (2011) 1833-1838	2009B0025	BL41XU	豊島 近	Trinitrophenyl-derivatives Bind Differently from Parent Adenine Nucleotides to Ca^{2+} -ATPase in the Absence of Ca^{2+}
19218	Luc Bonnefond	108 (2011) 3912-3917	2011A1125	BL41XU	瀧木 理	Structural Basis for Nonribosomal Peptide Synthesis by an Aminoacyl-tRNA Synthetase Paralog
21618	Wataru Setaka	109 (2012) 9271-9275	2010A1771	BL19B2	瀬高 涉	Thermal Modulation of Birefringence Observed in a Crystalline Molecular Gyrotop
21708	Kenji Mibe	108 (2011) 8177-8182	2008B1547	BL04B1	三部 賢治	Slab Melting Versus Slab Dehydration in Subduction-Zone Magmatism

Applied Catalysis A: General

21446	Lin Qiang	419-420 (2012) 142-147	2008A1633	BL01B1	清水 研一	Kinetic Analysis of Reduction Process of Supported Rh/ Al_2O_3 Catalysts by Time Resolved in-situ UV-vis Spectroscopy
21447	Kenichi Shimizu	417-418 (2012) 37-42	2010B1447	BL01B1	清水 研一	Sulfur Promoted Pt/ SiO_2 Catalyzed Cross-Coupling of Anilines and Amines
21453	Kenichi Shimizu	400 (2012) 171-175	2008A1633	BL01B1	清水 研一	Addition of Olefins to Acetylacetone Catalyzed by Cooperation of Bronsted Acid Site of Zeolite and Gold Cluster

Applied Catalysis B

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21449	Kenichi Shimizu	111-112 (2012) 509-514	2008B2066	BL14B2	清水 研一	Quantitative Determination of Average Rhodium Oxidation State by a Simple XANES Analysis
21451	Kenichi Shimizu	108-109 (2012) 39-46	2008A1633	BL01B1	清水 研一	Sintering-Resistant and Self-Regenerative Properties of Ag/SnO ₂ Catalyst for Soot Oxidation
21454	Kenichi Shimizu	96 (2010) 169-175	2007A1224	BL01B1	清水 研一	Study of Active Sites and Mechanism for Soot Oxidation by Silver-Loaded Ceria Catalyst
			2008A1633	BL01B1	清水 研一	

Applied Physics Express

21339	Anli Yang	5 (2012) 031002	2011A4604	BL15XU	山下 良之	Strong Correlation Between Oxygen Donor and Near-surface Electron Accumulation in Undoped and Mg-doped In-polar InN Films
21466	Ryohei Tanuma	5 (2012) 061301	2010B3237	BL24XU	土田 秀一	X-ray Microbeam Three-Dimensional Topography Imaging and Strain Analysis of Basal-Plane Dislocations and Threading Edge Dislocations in 4H-SiC
			2011A3237	BL24XU	土田 秀一	
			2011B3237	BL24XU	土田 秀一	
			2011A3321	BL08B2	土田 秀一	
21572	Ayako Ohmura	5 (2012) 057101	2011A1418	BL02B2	守友 浩	Cs ⁺ Trapping in Size-Controlled Nanospaces of Hexacyanoferrates
			2011B1066	BL02B2	守友 浩	

Biochemistry

21297	Devrani Mitra	50 (2011) 5220-5235	2009B0015	BL09XU	Cramer Stephen	Dynamics of the [4Fe-4S] Cluster in <i>Pyrococcus furiosus</i> D14C Ferredoxin via Nuclear Resonance Vibrational and Resonance Raman Spectroscopies, Force Field Simulations, and Density Functional Theory Calculations
21617	Shunsuke Matsumoto	51 (2012) 4157-4166	2011A6619	BL44XU	神田 大輔	Crystal Structure of the C-Terminal Globular Domain of Oligosaccharyltransferase from <i>Archaeoglobus fulgidus</i> at 1.75 Å Resolution
			2011B6619	BL44XU	神田 大輔	
			2011A1904	BL26B2	神田 大輔	
21700	Yu Nishitani	51 (2012) 3622-3633	2011B1108	BL38B1	橋本 渉	Recognition of Heteropolysaccharide Alginate by Periplasmic Solute-Binding Proteins of a Bacterial ABC Transporter

Catalysis Science & Technology

21443	Kenichi Shimizu	2 (2012) 767-772	2008B2066	BL14B2	清水 研一	The Average Pd Oxidation State in Pd/SiO ₂ Quantified by L ₃ -edge XANES Analysis and Its Effects on Catalytic Activity for CO Oxidation
21445	Kenichi Shimizu	2 (2012) 730-738	2010B1447	BL01B1	清水 研一	Size- and Support-Dependent Selective Amine Cross-Coupling with Platinum Nanocluster Catalysts
21674	Shun Shimura	1 (2011) 1340-1346	2009B1356	BL01B1	細川 三郎	Ceria-supported Ruthenium Catalysts for the Synthesis of Indole via Dehydrogenative N-heterocyclization

Hyperfine Interactions

21281	Satoshi Tsutsui	206 (2012) 67-70	2004B0377	BL09XU	筒井 智嗣	¹⁴⁹ Sm and ⁵⁷ Fe Nuclear Resonant Inelastic Scattering of Filled Skutterudites SmFe ₄ X ₁₂ (X: Pnictogen)
			2005A0370	BL09XU	筒井 智嗣	
			2005B0041	BL09XU	筒井 智嗣	
			2007B1107	BL09XU	筒井 智嗣	
			2008A1054	BL09XU	筒井 智嗣	
21284	Shunji Kishimoto	204 (2012) 101-110	2007B1585	BL09XU	岸本 俊二	Fast Scintillation Detectors for High-Energy X-ray Region
			2008A1165	BL09XU	岸本 俊二	
			2010B1369	BL09XU	岸本 俊二	
21472	Yoshitaka Yoda	206 (2012) 83-86	2007B1581	BL28B2	今井 康彦	Upgrade of the Nuclear Resonant Scattering Beamline, BL09XU in SPring-8
			2008A1453	BL09XU	今井 康彦	
			2008B1429	BL09XU	今井 康彦	
			2009B2135	BL09XU	依田 芳卓	

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
21137	Atsushi Kondo	116 (2012) 4157-4162	2010B1463	BL02B2	近藤 篤	Gas Adsorption Mechanism and Kinetics of an Elastic Layer-Structured Metal-Organic Framework
21402	Daisuke Asakura	116 (2012) 8364-8369	2010B1934	BL19B2	朝倉 大輔	Fabrication of a Cyanide-Bridged Coordination Polymer Electrode for Enhanced Electrochemical Ion Storage Ability
21552	Takuya Masuda	116 (2012) 10098-10102	2007A3629	BL14B1	魚崎 浩平	Role of Cerium Oxide in the Enhancement of Activity for the Oxygen Reduction Reaction at Pt-CeO _x Nanocomposite Electrocatalyst - An in Situ Electrochemical X-ray Absorption Fine Structure Study
			2006B3611	BL14B1	魚崎 浩平	
			2006A1615	BL14B1	魚崎 浩平	

Journal of Power Sources

21720	Shoichi Hidai	215 (2012) 233-239	2010B1599	BL27SU	原田 慈久	Platinum Oxidation Responsible for Degradation of Platinum-Cobalt Alloy Cathode Catalysts for Polymer Electrolyte Fuel Cells
			2009A1621	BL47XU	尾嶋 正治	
21780	Masaki Kobayashi	196 (2011) 8346-8351	2008B2167	BL14B2	原田 慈久	Role of Residual Transition Metal Atoms in Oxygen Reduction Reaction in Cobalt Phthalocyanine-Based Carbon Cathode Catalysts for Polymer Electrolyte Fuel Cell
			2008A4801	BL15XU	堀場 弘司	
21782	Hideharu Niwa	196 (2011) 1006-1011	2007B4802	BL15XU	堀場 弘司	X-ray Photoemission Spectroscopy Analysis of N-containing Carbon-Based Cathode Catalysts for Polymer Electrolyte Fuel Cells

Journal of Synchrotron Radiation

21299	Hongxin Wang	19 (2012) 257-263	2009B0015	BL09XU	Cramer Stephen	Real Sample Temperature: a Critical Issue in the Experiments of Nuclear Resonant Vibrational Spectroscopy on Biological Samples
21647	Naoto Yagi	19 (2012) 574-578	2007B1980	BL40XU	八木 直人	An X-ray Diffraction Study on a Single Rod Outer Segment from Frog Retina
21775	Martin Donnelley	19 (2012) 551-558	2010B1137	BL20XU	Donnelley Martin	Dry Deposition of Pollutant and Marker Particles onto Live Mouse Airway Surfaces Enhances Monitoring of Individual Particle Mucociliary Transit Behaviour

Medical Physics

21488	Yoshiki Kawata	39 (2012) 988-1000	2007B1893	BL20B2	仁木 登	Quantitative Classification Based on CT Histogram Analysis of Non-Small Cell Lung Cancer: Correlation with Histopathological Characteristics and Recurrence-Free Survival
21489	Masahiro Tominaga	38 (2011) 2467-2478	2007B1893	BL20B2	仁木 登	Measurements of Multidetector CT Surface Dose Distributions Using a Film Dosimeter and Chest Phantom
21764	Yoshihiro Nakaya	37 (2012) 4347-4364	2007B1893	BL20B2	仁木 登	A Method for Determining the Modulation Transfer Function from Thick Microwire Profiles Measured with X-ray Microcomputed Tomography

Nature

20398	Yasuhito Shomura	479 (2011) 253-256	2010A1223	BL41XU	庄村 康人	Structural Basis for a [4Fe-3S] Cluster in the Oxygen-Tolerant Membrane-Bound [NiFe]-hydrogenase
			2010A6520	BL44XU	庄村 康人	
			2010B6520	BL44XU	庄村 康人	
21238	Takahito Sanada	483 (2012) 623-626	2011A6645	BL44XU	水島 恒裕	The <i>Shigella flexneri</i> Effector OspI Deamidates UBC13 to Dampen the Inflammatory Response
21597	Xu Zhang	486 (2012) 130-134	2011A2039	BL41XU	長谷川 和也	Crystal Structure of an Orthologue of the NaChBac Voltage-Gated Sodium Channel

Physical Review 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
21370	Pengfei Guan	108 (2012) 175501	2010A1029	BL01B1	松浦 真	Structural Origins of the Excellent Glass Forming Ability of Pd ₄₀ Ni ₄₀ P ₂₀
			2010A1078	BL04B2	陳 明偉	
			2010B1492	BL04B2	陳 明偉	
21460	Akihiko Machida	108 (2012) 205501	2010A3703	BL22XU	町田 晃彦	Formation of NaCl-type Monodeuteride LaD by Disproportionation Reaction of LaD ₂
			2009B3610	BL14B1	片山 芳則	
21653	Alexander Gray	108 (2012) 257208	2010A4902	BL15XU	Fadley Charles	Electronic Structure Changes across the Metamagnetic Transition in FeRh via Hard X-Ray Photoemission

Advanced Synthesis and Catalysis

21437	Mohammad Al Amin	354 (2012) 1061-1068	2011A1835	BL14B2	有澤 光弘	Ligand-Free Buchwald–Hartwig Aromatic Aminations of Aryl Halides Catalyzed by Low-Leaching and Highly Recyclable Sulfur-Modified Gold-Supported Palladium Material
21673	Hiroki Miura	353 (2011) 2837-2843	2009B1356	BL01B1	細川 三郎	Intermolecular Coupling of Alkynes with Acrylates by Recyclable Oxide-Supported Ruthenium Catalysts: Formation of Distorted Luthenium(IV)-oxo Species on Ceria as a Key Precursor of Active Species

Biochemical and Biophysical Research Communications

19889	Atsushi Inanobe	407 (2011) 366-371	2007B2025	BL41XU	稲野辺 厚	Inverse Agonist-like Action of Cadmium on G-protein-gated Inward-Rectifier K ⁺ Channels
21180	Tetsuya Masuda	419 (2012) 72-76	2009A1096	BL38B1	梶田 哲哉	Atomic Structure of the Sweet-Tasting Protein Thaumatin I at pH 8.0 Reveals the Large Disulfide-Rich Region in Domain II to be Sensitive to a pH Change
			2009B1379	BL26B1	梶田 哲哉	
			2010A6538	BL44XU	三上 文三	
			2010B1064	BL26B1	梶田 哲哉	

Catalysis Today

21338	Toshitaka Tanabe	184 (2012) 219-226	2010B7001	BL33XU	長井 康貴	The Interaction between Supported Rh- and Nd ₂ O ₃ -enriched Surface Layer on ZrO ₂ for Rh Sintering Suppression
			2011A7001	BL33XU	長井 康貴	
21444	Atsushi Satsuma	185 (2012) 61-65	2008A1633	BL01B1	清水 研一	Unique Effect of Surface Area of Support on Propene Combustion over Pd/Ceria

ChemCatChem

21452	Kenichi Shimizu	3 (2011) 1290-1293	2008A1633	BL01B1	清水 研一	Self-Regenerative Silver Nanocluster Catalyst for CO Oxidation
21456	Kenichi Shimizu	1 (2010) 84-91	2007A1224	BL01B1	清水 研一	Silica-Supported Silver Nanoparticles with Surface Oxygen Species as a Reusable Catalyst for Alkylation of Arenes by Alcohols and Styrenes

Chemical Communications

21298	Loi Do	47 (2011) 10945-10947	2010B0032	BL09XU	Cramer Stephen	Characterization of a Synthetic Peroxodiiron(III) Protein Model Complex by Nuclear Resonance Vibrational Spectroscopy
21467	Chou-Fu Sheu	48 (2012) 5715–5717	2009A1669	BL02B1	Shih CheHsiu	A Long-Lived Photo-Induced Metastable State of Linkage Isomerization Accompanied with a Spin Transition
			2009B1704	BL02B1	Shih CheHsiu	

Electrochimica Acta

21252	Yoshiro Ohgi	68 (2012) 192-197	2009A1803	BL14B2	石原 顕光	Oxygen Reduction Reaction on Tantalum Oxide-Based Catalysts Prepared from TaC and TaN
			2009B1821	BL14B2	石原 顕光	
			2010B1009	BL14B2	石原 顕光	
			2010A1740	BL14B2	今井 英人	
			2010A1748	BL14B2	石原 顕光	
			2010B1792	BL14B2	今井 英人	
			2011A1690	BL14B2	今井 英人	
			2011B5392	BL16B2	今井 英人	
			2010B1888	BL14B2	今井 英人	

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
21718	Masaki Kobayashi	74 (2012) 254-259	2008B2167	BL14B2	原田 慈久	Indirect Contribution of Transition Metal towards Oxygen Reduction Reaction Activity in Iron Phthalocyanine-Based Carbon Catalysts for Polymer Electrolyte Fuel Cells

Journal of Applied Physics

19978	Satoshi Wada	108 (2010) 094114	2008B1796	BL02B2	和田 智志	Piezoelectric Properties of High Curie Temperature Barium Titanate-Bismuth Perovskite-type Oxide System Ceramics
			2009A0084	BL02B2	久保田 佳基	
20526	Anil K. Singh	103 (2008) 063524	2008B1247	BL10XU	赤浜 裕一	Strength of Polycrystalline Coarse-Grained Platinum to 330 GPa and of Nanocrystalline Platinum to 70 GPa from High-Pressure X-Ray Diffraction Data

Journal of Catalysis

21455	Kenichi Shimizu	270 (2010) 86-94	2008A1633	BL01B1	清水 研一	Size- and Support-Dependent Silver Cluster Catalysis for Chemoselective Hydrogenation of Nitroaromatics
21513	Naoto Koizumi	289 (2012) 151-163	2009B1835	BL14B2	小泉 直人	Mechanistic Aspects of the Role of Chelating Agents in Enhancing Fischer-Tropsch Synthesis Activity of Co/SiO ₂ Catalyst: Importance of Specific Interaction of Co with Chelate Complex during Calcination

The Journal of Chemical Physics

19941	Kazuhiro Fuchizaki	135 (2011) 091101	2009B3612	BL14B1	瀧崎 員弘	Probable Scenario of the Liquid-Liquid Phase Transition of SnI ₄
			2007B3607	BL14B1	瀧崎 員弘	
21469	Lijia Liu	136 (2012) 194501	2010B1129	BL39XU	林 久史	Resonant Inelastic X-ray Scattering of CeB ₆ at the Ce L ₁ - and L ₃ -edges

Journal of Fuel Cell Science and Technology, Transactions of the ASME

21586	Takanori Itoh	9 (2012) 031004	2011B1765	BL19B2	伊藤 孝憲	Oxygen Partial Pressure Dependence of <i>in situ</i> X-ray Absorption Spectroscopy at Co and Fe K-edge for (La _{0.6} Sr _{0.4})(Co _{0.2} Fe _{0.8})O _{3-δ}
			2007B1957	BL14B2	伊藤 孝憲	
			2008A1780	BL14B2	伊藤 孝憲	
			2008B1896	BL14B2	伊藤 孝憲	
21596	Zhenwei Wang	9 (2012) 0210041	2009B1003	BL19B2	伊藤 孝憲	Evaluation of Porous Ni-YSZ Cermets With Ni Content of 0–30 Vol. % as Insulating Substrates for Segmented-in-Series Tubular Solid Oxide Fuel Cells

Journal of Geophysical Research

21548	Yoshinori Tange	117 (2012) B06201	2008B1603	BL04B1	丹下 慶範	<i>P-V-T</i> Equation of State of MgSiO ₃ Perovskite Based on the MgO Pressure Scale: A Comprehensive Reference for Mineralogy of the Lower Mantle
			2009A1892	BL04B1	丹下 慶範	
			2009B1272	BL04B1	丹下 慶範	
			2010A1794	BL04B1	丹下 慶範	
			2010B1566	BL10XU	丹下 慶範	
21710	Kenji Mibe	112 (2007) B03201	2003B0128	BL04B1	三部 賢治	Second Critical Endpoint in the Peridotite-H ₂ O System

The Journal of Physical Chemistry B

20930	Ryuhei Motokawa	116 (2012) 1319-1327	2011B1148	BL40B2	元川 竜平	Microscopic Structures of Tri- <i>n</i> -butyl Phosphate/ <i>n</i> -Octane Mixtures by X-ray and Neutron Scattering in a Wide <i>q</i> Range
21758	Yusuke Sanada	116 (2012) 87-94	2010A1432	BL40B2	櫻井 和朗	β -1,3-D-Glucan Schizophyllan/Poly(dA) Triple-Helical Complex in Dilute Solution
			2010B1726	BL40B2	櫻井 和朗	
			2009A0012	BL40B2	櫻井 和朗	
			2009B1397	BL40B2	櫻井 和朗	

Journal of Solid State Chemistry

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21312	Laura Lynn Liew	189 (2012) 63-67	2008A1303	BL04B2	Sankar Gopinathan	Understanding the Defect Structure of Solution Grown Zinc Oxide
21497	Atsuro Sumiyoshi	187 (2012) 208-210	2009A1325	BL02B2	木村 薫	Structural Analysis of Li-intercalated Hexagonal Boron Nitride
			2010B1684	BL02B2	住吉 篤郎	

Materials Science Forum

21517	Heiji Watanabe	717-720 (2012) 697-702	2010A3876	BL23SU	渡部 平司	Synchrotron Radiation Photoelectron Spectroscopy Study of Thermally Grown Oxides on 4H-SiC(0001) Si-face and (000-1) C-face Substrates
			2009A3875	BL23SU	渡部 平司	
			2008A3877	BL23SU	渡部 平司	
21518	Takuji Hosoi	717-720 (2012) 721-724	2009A3875	BL23SU	渡部 平司	Impact of Interface Defect Passivation on Conduction Band offset at SiO ₂ /4H-SiC Interface
			2010A3876	BL23SU	渡部 平司	

Nature Materials

19694	Hiroshi Sato	9 (2010) 661-666	2009A1569	BL02B1	松田 亮太郎	Photoactivation of a Nanoporous Crystal for On-Demand Guest Trapping and Conversion
21785	Naoaki Yabuuchi	11 (2012) 512-517	2011A1650	BL02B2	駒場 慎一	P2-type Na _x [Fe _{1/2} Mn _{1/2}]O ₂ Made from earth-Abundant Elements for Rechargeable Na Batteries
			2010A1656	BL02B2	駒場 慎一	

Physica B

20565	Ichiro Terasaki	405 (2010) S217-S220	2005B0971	BL02B1	池田 直	Nonequilibrium Charge Ordering in θ -(BEDT-TTF) ₂ MM'(SCN) ₄ (M= Rb, Cs; M'=Zn, Co)
20566	Masashi Watanabe	405 (2010) S229-S231	2005B0971	BL02B1	池田 直	Pressure Effect on the Competing Charge-Ordering Phase Transition in θ -(BEDT-TTF) ₂ CsZn(SCN) ₄

Physical Chemistry Chemical Physics

19965	Tomoki Nishimura	13 (2011) 15899-15905	2008A0012	BL40B2	櫻井 和朗	Metal-ion Induced Transition from Multi- to Single-Bilayer Tubes in Histidine Bearing Lipids and Formation of Monodisperse Au Nanoparticles
			2008B0012	BL40B2	櫻井 和朗	
			2009A0012	BL45XU	櫻井 和朗	
			2008A1727	BL45XU	西村 智貴	
			2009A1642	BL45XU	西村 智貴	
21405	Haijun Yu	14 (2012) 6584-6595	2010B1934	BL19B2	朝倉 大輔	High-Energy 'Composite' Layered Manganese-rich Cathode Materials <i>via</i> Controlling Li ₂ MnO ₃ Phase Activation for Lithium-ion Batteries

Review of Scientific Instruments

21721	Yoshihisa Harada	83 (2012) 013116	2010A7403	BL07LSU	原田 慈久	Ultrahigh Resolution Soft X-Ray Emission Spectrometer at BL07LSU in SPring-8
			2010B7403	BL07LSU	原田 慈久	
			2011A7403	BL07LSU	原田 慈久	
21784	Takahisa Koyama	83 (2012) 013705	2010B3200	BL24XU	籠島 靖	Circular Multilayer Zone Plate for High-Energy X-ray Nano-Imaging
			2010A3200	BL24XU	籠島 靖	

Academic Radiology

21490	Sinsuat Marodina	18 (2011) 594-604	2007B1893	BL20B2	仁木 登	Influence of Slice Thickness on Diagnoses of Pulmonary Nodules Using Low-Dose CT: Potential Dependence of Detection and Diagnostic Agreement on Features and Location of Nodule
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Advanced Energy Materials

21786	Naoaki Yabuuchi	1 (2011) 759-765	2010B1800	BL46XU	駒場 慎一	Graphite-Silicon-Polyacrylate Negative Electrodes in Ionic Liquid Electrolyte for Safer Rechargeable Li-Ion Batteries
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American Mineralogist

19663	Anton Shatskiy	96 (2011) 541-548	2007B1570	BL04B1	大谷 栄治	Pressless Split-Sphere Apparatus Equipped with Scaled-up Kawai-cell for Mineralogical Studies at 10-20 GPa
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Applied Radiation and Isotopes

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
21588	Nobuteru Nariyama	70 (2012) 1214-1218	2009A1158	BL28B2	成山 展照	Macroscopic and Microscopic X-ray Dose Mappings with CCD-based GafChromic Film Dosimeters
			2009A1281	BL28B2	近藤 威	

Biochimica et Biophysica Acta - Proteins and Proteomics

21336	Shogo Nakano	1824 (2012) 739-749	2010B1666	BL38B1	中野 祥吾	Structural Implication for the Impaired Binding of W150A Mutant LOX-1 to Oxidized Low Density Lipoprotein, OxLDL
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Biology Open

21471	Masato Hoshino	1 (2012) 269-274	2010A1450	BL20B2	星野 真人	Phase-Contrast X-ray Microtomography of Mouse Fetus
			2010B1293	BL20B2	星野 真人	

Biophysical Journal

15748	Takaaki Sugiyama	97 (2009) 3132-3138	2005B0075	BL45XU	上村 慎治	Quick Shear-Flow Alignment of Biological Filaments for X-ray Fiber Diffraction Facilitated by Methylcellulose
			2006A1175	BL45XU	上村 慎治	
			2006B1498	BL45XU	上村 慎治	
			2007A1590	BL45XU	上村 慎治	
			2007B1470	BL45XU	上村 慎治	
			2008A1444	BL45XU	上村 慎治	
			2009A1032	BL45XU	上村 慎治	

Biopolymers

21487	Kenji Okuyama	97 (2012) 607-616	2009B6913	BL44XU	奥山 健二	Crystal Structure of (Gly-Pro-Hyp) ₃ : Implications for the Collagen Molecular Model
			2009A6913	BL44XU	奥山 健二	
			2008B6809	BL44XU	奥山 健二	
			2008A6809	BL44XU	奥山 健二	

Bulletin of the Chemical Society of Japan

21308	Tomoki Nishimura	83 (2010) 1010-1018	2008B0012	BL40B2	櫻井 和朗	Synthesis of a Highly Hydrophobic Cationic Lipid and Structural and Thermodynamic Studies for Interaction with DNA
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Catalysis Communications

21248	Atsuko Tomita	17 (2012) 194-199	2011B1137	BL01B1	多井 豊	Pt/Fe-containing Alumina Catalysts Prepared and Treated with Water under Moderate Conditions Exhibit Low-temperature CO Oxidation Activity
			2010B1447	BL01B1	清水 研一	
			2010B1858	BL14B2	西堀 麻衣子	

Chemical Geology

21269	Jun-ichi Watanabe	306-307 (2012) 123-128	2011A1223	BL01B1	光延 聖	Concurrent Sorption of As(V) and Mn(II) during Biogenic Manganese Oxide Formation
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Chemistry - A European Journal

21254	Tomoaki Hinoue	18 (2012) 4634-4643	2008B2011	BL38B1	藤内 謙光	Regulation of π -Stacked Anthracene Arrangement for Fluorescence Modulation of Organic Solid from Monomer to Excited Oligomer Emission
			2008B2137	BL38B1	藤内 謙光	
			2008B2187	BL38B1	藤内 謙光	
			2009A1130	BL38B1	藤内 謙光	
			2009B1509	BL38B1	藤内 謙光	
			2010A1266	BL38B1	藤内 謙光	

Chemistry - An Asian Journal

21623	Hiroshi Danjo	7 (2012) 1529-1532	2009B1225	BL38B1	檀上 博史	Tris(spiroborate)-Type Anionic Nanocycles
			2010B1122	BL38B1	檀上 博史	

Chemistry of Materials

21641	Alexei Belik	24 (2012) 2197-2203	2009B4505	BL15XU	Belik Alexei	Crystal Structures and Properties of Perovskites ScCrO ₃ and InCrO ₃ with Small Ions at the A Site
			2011B4512	BL15XU	Belik Alexei	

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	実験責任者	タイトル
21570	Tomoyuki Matsuda	41 (2012) 7620-7623	2010B1063	BL02B2	守友 浩	Control of the Alkali Cation Alignment in Prussian Blue Framework

Earth and Planetary Science Letters

21714	Yuki Shibazaki	313-314 (2012) 79-85	2010A1142	BL35XU	大谷 栄治	Sound Velocity Measurements in dhcp-FeH up to 70 GPa with Inelastic X-ray Scattering: Implications for the Composition of the Earth's Core
			2010B1185	BL35XU	大谷 栄治	
			2010A0028	BL10XU	大谷 栄治	
			2010B0028	BL10XU	大谷 栄治	

Environmental Science & Technology

21267	Satoshi Mitsunobu	46 (2012) 3304-3311	2010B1741	BL37XU	光延 聖	Bacteriogenic Fe(III) (Oxyhydr)oxides Characterized by Synchrotron Microprobe Coupled with Spatially-Resolved Phylogenetic Analysis
			2010B1363	BL01B1	光延 聖	
			2011A1223	BL01B1	光延 聖	

The European Physical Journal D

21226	Masaki Imamura	63 (2011) 289-292	2009B4902	BL15XU	保田 英洋	Photoluminescence Dynamics of Organic Molecule-Passivated Si Nanoclusters
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The FEBS Journal

21368	Mizuki Tamura	279 (2012) 1871-1882	2011A1881	BL26B2	殿塚 隆史	Comparison of the Structural Changes in Two Cellobiohydrolases, CcCel6A and CcCel6C, from <i>Coprinopsis cinerea</i> - a Tweezer-like Motion in the Structure of CcCel6C
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FEBS Letters

21421	Len Ito	585 (2011) 555-560	2010A1900	BL32B2	長谷川 和也	Glycine Amide Shielding on the Aromatic Surfaces of Lysozyme: Implication for Suppression of Protein Aggregation
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Forensic Science International

21717	Willy Shun Kai Bong	220 (2012) 33-49	2009A1919	BL19B2	大坂 恵一	Development of Heavy Mineral and Heavy Element Database of Soil Sediments in Japan Using Synchrotron Radiation X-ray Powder Diffraction and High-Energy (116 keV) X-ray Fluorescence Analysis 1. Case Study of Kofu and Chiba Region
			2009A2006	BL19B2	大坂 恵一	
			2009B1885	BL19B2	大坂 恵一	
			2009B1642	BL08W	大坂 恵一	
			2010A1753	BL19B2	大坂 恵一	
2010A1374	BL08W	大坂 恵一				

IEEE Transaction on Electron Devices

21478	Xun Gu	59 (2012) 1445-1453	2010A1732	BL46XU	河瀬 和雅	Cu Single Damascene Integration of an Organic Nonporous Ultralow- κ Fluorocarbon Dielectric Deposited by Microwave-Excited Plasma-Enhanced CVD
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IOP Conference Series: Materials Science and Engineering

19898	Yuji Mishima	18 (2011) 122002	2009B0084	BL02B2	久保田 佳基	Characterization of Carbon Composite $\text{LiMn}_{1-x}\text{Fe}_x\text{PO}_4$ Cathodes
			2010A0084	BL02B2	久保田 佳基	

ISIJ International

21702	Akitoshi Mizuno	52 (2012) 770-773	2009A1254	BL04B2	水野 章敏	Comparative Study on Structural Variations during Containerless Solidification Processes of Fe-B and Fe-C Eutectic Alloys
			2010B1054	BL04B2	水野 章敏	

Journal of Alloys and Compounds

20211	Souichiro Mizusaki	509 (2011) 8983-8986	2002B0110	BL08W	山本 勲	Fermi Surface Topology of Deuterium-Doped Vanadium: Compton Scattering Study
			2003A0329	BL08W	山本 勲	
			2003B0058	BL08W	山本 勲	

Journal of Dentistry

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
19876	Yuichi Kitasako	39 (2011) 771-779	2008B1995	BL40XU	田中 智子	Effects of a Chewing Gum Containing Phosphoryl Oligosaccharides of Calcium (POs-Ca) and Fluoride on Remineralization and Crystallization of Enamel Subsurface Lesions <i>in situ</i>
			2009A1885	BL40XU	田中 智子	

Journal of Electron Spectroscopy and Related Phenomena

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
20510	Jun Ishikawa	184 (2011) 284-286	2008A1053	BL25SU	宮原 恒あき	MCD Study on Ce@C ₈₂ and Ce ₂ @C ₈₀ in the Soft-X-ray Region

Journal of Experimental Botany

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
21762	Noriko Yamaguchi	63 (2012) 2729-2737	2009B1137	BL37XU	山口 紀子	Role of the Node in Controlling Traffic of Cadmium, Zinc, and Manganese in Rice
			2010A1264	BL37XU	山口 紀子	

Journal of Hazardous Materials

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
21240	Mahtab Ahmad	209-210 (2012) 392-401	2007B1315	BL01B1	橋本 洋平	Immobilization of Lead in a Korean Military Shooting Range Soil Using Eggshell Waste: An Integrated Mechanistic Approach
			2008A1265	BL01B1	橋本 洋平	
			2009A1255	BL01B1	橋本 洋平	

Journal of Inclusion Phenomena and Macrocyclic Chemistry

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
21668	Yusuke Koito	72 (2012) Online Publication	2010A1090	BL40B2	安藤 慎治	Solid-State NMR and Wide-Angle X-ray Diffraction Study of Hydrofluoroether / β -Cyclodextrin Inclusion Complex
			2009B1306	BL40B2	安藤 慎治	
			2009A1348	BL40B2	安藤 慎治	

Journal of Luminescence

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
21676	Keisuke Uegaito	132 (2012) 64-70	2010A1271	BL01B1	細川 三郎	Effect of Heat Treatments on the Luminescence Properties of Zn ₂ SiO ₄ :Mn ²⁺ Phosphors Prepared by Glycothermal Methods

Journal of Materials Chemistry

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
21556	Wei Ma	22 (2012) 11887-11892	2010A1454	BL02B2	高原 淳	Application of Imogolite Clay Nanotubes in Organic-Inorganic Nanohybrid Materials

Journal of Molecular Catalysis A: Chemical

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
21448	Kenichi Shimizu	353-354 (2012) 171-177	2010B1447	BL01B1	清水 研一	Electronic Effect of Na Promotion for Selective Mono- <i>N</i> - alkylation of Aniline with Di- <i>iso</i> -propylamine by Pt/SiO ₂ Catalysts

Journal of Molecular Liquids

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
21307	Orsolya Gereben	169 (2012) 63-73	2008B1073	BL04B2	Pusztai Laszlo	The Liquid Structure of Some Food Aromas: Joint X-ray Diffraction, All-Atom Molecular Dynamics and Reverse Monte Carlo Investigations of Dimethyl Sulfide, Dimethyl Disulfide and Dimethyl Trisulfide

Journal of Molecular Structure

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
21464	G. S. E. Antipas	1019 (2012) 151-158	2011A1103	BL04B2	小原 真司	A Containerless Study of Short-Range Order in High- Temperature Fe-Si-Al-Ca-Mg-Cr-Cu-Ni Oxide Systems

Journal of Physics B: Atomic, Molecular and Optical Physics

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
21253	Lin Fan Zhu	44 (2011) 025203	2008A4262	BL12XU	Feng Donglai	Inelastic X-ray Scattering Study on the Single Excitations of Helium

Journal of Physics: Conference Series

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
21568	Hidekazu Okamura	359 (2012) 012013	2009A0089	BL43IR	岡村 英一	A Simple Method for the Kramers-Kronig Analysis of Reflectance Spectra Measured with Diamond Anvil Cell
			2009B0089	BL43IR	岡村 英一	
			2010A0089	BL43IR	岡村 英一	
			2010B0089	BL43IR	岡村 英一	
			2011A0089	BL43IR	岡村 英一	

Journal of Polymer Science Part B: Polymer Physics

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21598	Yunfeng Zhao	49 (2012) 214-221	2008A1222	BL40B2	松葉 豪	Relaxation of Shish-Kebab Precursor in Isotactic
			2006A1202	BL40B2	松葉 豪	Polystyrene after Short-Term Shear Flow

Journal of Structural Biology

21515	Masaya Nishiura	178 (2012) 329-337	2005B0384	BL40XU	岩本 裕之	X-ray Diffraction Recording from Single Axonemes of Eukaryotic Flagella
			2007A1191	BL40XU	岩本 裕之	
			2007B1883	BL40XU	岩本 裕之	
			2007B1294	BL40XU	大岩 和弘	
			2008A1020	BL40XU	上村 慎治	
			2008A1123	BL40XU	大岩 和弘	
			2008B1143	BL40XU	大岩 和弘	
			2009B1616	BL40XU	榊原 斉	
			2010A1252	BL40XU	西浦 昌哉	
			2010B1280	BL40XU	西浦 昌哉	
			2011A1252	BL40XU	西浦 昌哉	
2011B1301	BL40XU	西浦 昌哉				

Journal of the American Chemical Society

21296	Christine Tinberg	132 (2010) 18168-18176	2010A1073	BL09XU	Cramer Stephen	Characterization of Iron Dinitrosyl Species Formed in the Reaction of Nitric Oxide with a Biological Rieske Center
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Langmuir

21757	Shota Fujii	28 (2012) 3092-3101	2011A1668	BL40B2	櫻井 和朗	A Stimulus-Responsive Shape-Persistent Micelle Bearing a Calix[4]arene Building Block: Reversible pH- Dependent Transition between Spherical and Cylindrical Forms
			2011B1468	BL40B2	櫻井 和朗	
			2009A0012	BL40B2	櫻井 和朗	
			2009B1397	BL40B2	櫻井 和朗	
			2010A1089	BL40B2	櫻井 和朗	
			2010B1726	BL40B2	櫻井 和朗	

Macromolecules

21640	Kazuhiro Takizawa	45 (2012) 4764-4771	2009B1306	BL40B2	安藤 慎治	Variations in Aggregation Structures and Fluorescence Properties of a Semialiphatic Fluorinated Polyimide Induced by Very High Pressure
			2009A1348	BL40B2	安藤 慎治	
			2008B1434	BL40B2	安藤 慎治	

Metrologia

21522	Takahiro Tanaka	49 (2012) 501-506	2009B1190	BL27SU	齋藤 則生	First Comparison of Spectral Responsivity in the Soft X-ray Region
			2010B1304	BL27SU	齋藤 則生	

Nature Chemistry

21315	Qing-Fu Sun	4 (2012) 330-333	2010A1012	BL38B1	藤田 誠	An $M_{18}L_{24}$ Stellated Cuboctahedron through Post- Stellation of an $M_{12}L_{24}$ Core
			2010B1423	BL38B1	佐藤 宗太	
			2011A1102	BL38B1	佐藤 宗太	

Nature Communications

21441	Katsumasa Irie	3 (2012) 1-8	2009B1211	BL38B1	入江 克雅	The C-terminal Helical Bundle of the Tetrameric Prokaryotic Sodium Channel Accelerates the Inactivation Rate
			2010A1270	BL38B1	入江 克雅	
			2010A1803	BL38B1	馬場 清喜	
			2010B1232	BL38B1	入江 克雅	

Optics Communications

21656	Yuka Ikemoto	285 (2012) 2212-2217	2010B1310	BL43IR	池本 夕佳	Development of Scattering Near-Field Optical Microspectroscopy Apparatus Using an Infrared Synchrotron Radiation Source
			2010A1199	BL43IR	池本 夕佳	
			2010A1488	BL43IR	池本 夕佳	
			2010A0089	BL43IR	岡村 英一	
			2010B0089	BL43IR	岡村 英一	
			2011A0089	BL43IR	岡村 英一	
			2011A1274	BL43IR	池本 夕佳	

Optics Express

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21286	Takahiko Yamanaka	19 (2011) 24583-24588	2010B1940	BL19B2	原 滋郎	A Narrow Band-rejection Filter Based on Block Copolymers

Organometallics

21557	Tomohiro Agou	31 (2012) 3806-3809	2011B1296	BL38B1	笹森 貴裕	Synthesis, Structure, and Properties of a Stable 1,2-Dibromodialumane(4) Bearing a Bulky Aryl Substituent
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Philosophical Magazine

21264	Alok Singh	92 (2012) 1106-1128	2010A4800	BL15XU	小林 啓介	Solidification of Tin on Quasicrystalline Surfaces
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Physica C

20215	Gaku Eguchi	470 (2010) S762-S763	2009B0083	BL02B1	澤 博	Superconducting Properties of Noncentrosymmetric CaIrSi ₃
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Physical Review A

21681	Jelena Schmalz	84 (2011) 023808	2011A1268	BL20B2	Pavlov Konstantin	Phase Retrieval Using Radiation and Matter-Wave Fields: Validity of Teague's Method for Solution of the Transport-of-Intensity Equation
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Physics and Chemistry of Minerals

21498	Tetsuya Komabaya shi	39 (2012) 329-338	2008B1171	BL10XU	駒林 鉄也	In situ X-ray Diffraction Measurements of the <i>fcc-hcp</i> Phase Transition Boundary of an Fe-Ni Alloy in an Internally Heated Diamond Anvil Cell
			2010A0087	BL10XU	廣瀬 敬	
			2011A0087	BL10XU	廣瀬 敬	

Polymer Degradation and Stability

21280	Kengo Kitadokoro	97 (2012) 771-775	2011A6615	BL44XU	北所 健悟	Crystal Structure of Cutinase Est119 from <i>Thermobida alba</i> AHK119 that can Degrade Modified Polyethylene Terephthalate at 1.76 Å Resolution
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Polymers

20818	Terumi Furuta	3 (2011) 2133-2141	2009A1906	BL19B2	鹿屋 出	Design of Improved Metal-Organic Framework (MOF) H ₂ Adsorbents
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Protein Science

20970	Shogo Nakano	21 (2012) 383-395	2007B6906	BL44XU	片柳 克夫	Structure-function Relationship of Assimilatory Nitrite Reductases from the Leaf and Root of Tobacco Based on High-Resolution Structures
			2008B6810	BL44XU	片柳 克夫	
			2009A1604	BL41XU	片柳 克夫	
			2010B1666	BL38B1	中野 祥吾	

Proteins: Structure, Function, and Bioinformatics

21414	Ihsanawati Yasin	61 (2005) 999-1009	2003A0718	BL40B2	田中 信夫	Structural Basis of the Substrate Subsite and the Highly Thermal Stability of Xylanase 10B from <i>Thermotoga maritima</i> MSB8
			理研	BL26B2		

RSC Advances

21450	Kenichi Shimizu	1 (2012) 1310-1317	2010B1447	BL01B1	清水 研一	Silver Cluster-Promoted Heterogeneous Copper Catalyst for N-Alkylation of Amines with Alcohols
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Science

21289	Daigo Miyajima	336 (2012) 209-213	2008B1777	BL02B2	山本 洋平	Ferroelectric Columnar Liquid Crystal Featuring Confined Polar Groups within Core-Shell Architecture
			2009A1651	BL02B2	櫻井 庸明	
			2009A1699	BL02B2	山本 洋平	
			理研	BL44B2		

Science and Technology of Advanced 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
20083	Motoko Harada	12 (2011) 044606	2007A3629	BL14B1	魚崎 浩平	Construction of Multilayer Assembly of bare and Pd Modified Gold Nanoclusters and their Electrocatalytic Properties for Oxygen Reduction

Scientific Report

21410	John Tse	2 (2012) 372	2009B1066	BL10XU	Tse John	Large Amplitude Flexional Behaviour of Elemental Calcium under High Pressure
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Scripta Materialia

21270	Makoto Matsuura	66 (2012) 927-930	2010B1364	BL01B1	松浦 真	Direct Structural Evidence of the Dynamic Heterogeneity in the Supercooled Liquid for the Bulk Metallic Glass
			2010A1029	BL01B1	松浦 真	

Small

21593	Satoshi Abe	8 (2012) 1314-1319	2010A1135	BL38B1	上野 隆史	Rh-catalyzed Polymerization of Phenylacetylene: Porous Lysozyme Crystals as Reaction Vessels for Preparation of Magnetic CoPt Nanoparticles
			2009B1065	BL38B1	上野 隆史	

Solid State Communications

21222	Takashi Kataoka	152 (2012) 806-809	2008A3824	BL23SU	藤森 淳	X-Ray Magnetic Circular Dichroism Study of the π - d Molecular Ferromagnet β -Mn phthalocyanine Studied by Soft X-ray Magnetic Circular Dichroism
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Solid State Ionics

21747	Hironori Kobayashi	178 (2007) 1101-1105	2003B0684	BL02B2	小林 弘典	Investigation on Lithium De-intercalation Mechanism for $\text{LiNi}_{0.45}\text{Mn}_{0.45}\text{Al}_{0.1}\text{O}_2$
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Spectrochimica Acta Part B

20247	Hideyuki Yamazaki	64 (2009) 808-811	2005B5060	BL16XU	山崎 英之	High-sensitivity X-ray Absorption Fine Structure Investigation of Arsenic Shallow Implant in Silicon
			2006A5060	BL16XU	山崎 英之	
			2006B5060	BL16XU	山崎 英之	
			2007A5060	BL16XU	山崎 英之	

Structure

21480	Xingliang Zhang	20 (2012) 780-790	2009B1155	BL41XU	Chen Zhongzhou	Complex Structures of the Abscisic Acid Receptor PYL3/RCAR13 Reveal a Unique Regulatory Mechanism
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Ultramicroscopy

21682	Sergey Podorov	111 (2011) 782-787	2009A1376	BL20XU	Pavlov Konstantin	Mask-assisted Deterministic Phase-Amplitude Retrieval from a Single Far-Field Intensity Diffraction Pattern: Two Experimental Proofs of Principle using Visible Light
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Tribology International

19943	Tomoko Hirayama	42 (2009) 88-92	2006A3611	BL14B1	平山 朋子	Structural Analysis of Simple Base Oils under High Pressure Using Synchrotron Radiation X-ray Diffraction: First Trial
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X線分析の進歩 (Advances in X-ray Chemical Analysis, Japan)

21745	Hiroki Taoka	43 (2012) 355-368	2010A1673	BL37XU	中井 泉	Study on Transportation and Accumulation Mechanism of Cadmium in Metal-hy@eraccumulating Fern, <i>Athyrium yokoscense</i> , by Synchrotron Radiation X-Ray Fluorescence Analysis
			2011A1457	BL37XU	中井 泉	

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

15508	Go Matsuba	66 (2009) 419-427	2005B0444	BL40B2	金谷 利治	Oriented Structure in Isotactic Polystyrene Melt Induced by Shear Flow
			2006A1202	BL40B2	松葉 豪	
			2008A1222	BL40B2	松葉 豪	

電子情報通信学会論文誌D (IEICE Transactions on Information and Systems (Japanese Edition))

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21495	Noboru Niki	J91-D (2008) 1715-1729	2007B1893	BL20B2	仁木 登	Development of Computer Aided Diagnosis for Lung Cancer CT Screening

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

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
21241	Hiroyuki Saitoh	76 (2012) 139-143	2010A3603 2010B3603 2011A3602	BL14B1 BL14B1 BL14B1	齋藤 寛之 齋藤 寛之 齋藤 寛之	Hydrogenation Reactions of A6061 Alloys at Ultra-High Pressures

博士論文 (Johannes Gutenberg-Universität, Mainz)

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
21234	Siham Ouardi	(2012)	2007A4903 2007B4904 2008A4905 2008B4903 2009A4905 2010A4903 2010B4903 2011A4901 2011A1464 2008A0017 2010B0017	BL15XU BL15XU BL15XU BL15XU BL15XU BL15XU BL15XU BL15XU BL47XU BL47XU BL47XU	Fecher Gerhard Felser Claudia Felser Claudia Felser Claudia Felser Claudia Fecher Gerhard Fecher Gerhard Fecher Gerhard Fecher Gerhard Felser Claudia Felser Claudia	Electronic Structure and Physical Properties of Heusler Compounds for Thermoelectric and Spintronic Applications
21235	Vajiheh Aliani	(2011)	2008B0017 2008B4903	BL47XU BL15XU	Felser Claudia Felser Claudia	Structure and Properties of Quaternary and Tetragonal Heusler Compounds for Spintronics and Spin Transfer Torque Applications

博士論文 (東京大学)

研究成果番号	主著者	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
21465	Hisako Niko	(2008)	2005B0739	BL46XU	二河 久子	Study on Multi-grid-type MicroStrip Gas Chamber with Novel Electrode Structure

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
21479	Xun Gu	(2012)	2010A1732	BL46XU	河瀬 和雅	A Study on Integration Technology of Non-Porous Low-k Dielectric Fluorocarbon into Multilayer Cu Interconnects for High Speed LSI

課題以外の成果として登録された論文

The Journal of Biological Chemistry

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
20353	Takashi Fujishiro	286 (2011) 29941-29950	理研	BL26B1	Crystal Structure of H ₂ O ₂ -dependent Cytochrome P ₄₅₀ SP _α with Its Bound Fatty Acid Substrate INSIGHT INTO THE REGIOSELECTIVE HYDROXYLATION OF FATTY ACIDS AT THE α POSITION
21274	Tatsuya Yamamoto	286 (2011) 42337-42348	理研	BL45XU	Evidence for ATP-dependent Structural Rearrangement of Nuclease Catalytic Site in DNA Mismatch Repair Endonuclease MutL
21275	Takahito Imagawa	286 (2011) 44078-44085	理研	BL26B2	Structural Basis of Free Reduced Flavin Generation by Flavin Reductase from <i>Thermus thermophilus</i> HB8
21300	Hiroimichi Saino	286 (2011) 16392-16401	理研	BL26B2	The Catalytic Architecture of Leukotriene C ₄ Synthase with Two Arginine Residues

Journal of Physics: Condensed Matter

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
21388	Andrew James Princep	24 (2012) 075602	理研	BL19LXU	High-order Ho Multipoles in HoB ₂ C ₂ Observed with Soft Resonant X-ray Diffraction
21406	Kazuto Yamauchi	23 (2011) 394206	理研	BL29XU	Single-Nanometer Focusing of Hard X-rays by Kirkpatrick-Baez Mirrors

Physical Review B

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
20804	Hitoshi Yamaoka	84 (2011) 161404	理研	BL17SU	Electronic State of an Organic Molecular Magnet: Soft X-ray Spectroscopy Study of α-TDAE-C ₆₀ Single Crystal
21344	Noriki Terada	81 (2010) 064424	理研	BL29XU	Charge Disproportionation Associated with Spin Ordering in Delafossite CuFeO ₂ as Seen via Resonant X-ray Diffraction

Proteins: Structure, Function, and Bioinformatics

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
21276	Yoshihiro Agari	80 (2012) 958-962	理研	BL26B2	Crystal Structure of Hypothetical Protein TTHB210, Controlled by the σ^E /Anti- σ^E Regulatory System in <i>Thermus thermophilus</i> HB8, Reveals a Novel Homodecamer
21278	Yoshihiro Agari	80 (2012) 1490-1494	理研	BL26B2	X-ray Crystal Structure of TTHB099, a CRP/FNR Superfamily Transcriptional Regulator from <i>Thermus thermophilus</i> HB8, Reveals a DNA-binding Protein with no Required Allosteric Effector Molecule

Acta Crystallographica Section F

21415	Toshio Iwasaki	62 (2006) 993-995	理研	BL26B1	Crystallization and Preliminary X-ray Diffraction Studies of a Hyperthermophilic Rieske Protein Variant (SDX-triple) with an Engineered Rubredoxin-like Mononuclear Iron Site
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Advanced Materials

21545	George Akiyama	23 (2011) 3294-3297	理研	BL44B2	Cellulose Hydrolysis by a New Porous Coordination Polymer Decorated with Sulfonic Acid Functional Groups
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ICFA Beam Dynamics Newsletters

21295	Yoshito Shimosaki	57 (2012) 35-47	加速器		Lattice Design of a Very Low Emittance Storage Ring for the SPring-8 Upgrade Plan
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Inorganic Chemistry

20352	Akira Onoda	50 (2011) 4892-4899	理研	BL26B1	Crystal Structure and Spectroscopic Studies of a Stable Mixed-Valent State of the Hemerythrin-like Domain of a Bacterial Chemotaxis Protein
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Journal of Biological Inorganic Chemistry

21288	Kengo Hanaya	17 (2012) 517-529	理研	BL26B2	Potent Inhibition of Dinuclear Zinc(II) Peptidase, an Aminopeptidase from <i>Aeromonas proteolytica</i> , by 8-quinolinol Derivatives: Inhibitor Design Based on Zn ²⁺ Fluorophores, Kinetic, and X-ray Crystallographic Study
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Journal of Molecular Biology

21277	Shuhei Nakane	417 (2012) 179-196	理研	BL26B2	The Structural Basis of the Kinetic Mechanism of a Gap-Filling X-Family DNA Polymerase That Binds Mg ²⁺ -dNTP Before Binding to DNA
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Journal of Nanoscience and Nanotechnology

21391	Akira Saito	11 (2011) 2873-2881	理研	BL19LXU	Direct Observation of X-ray Induced Atomic Motion using Scanning Tunneling Microscope Combined with Synchrotron Radiation
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Journal of Physics: Conference Series

21341	Noriki Terada	211 (2010) 012005	理研	BL29XU	Exchange-Striction Associated with the Elliptical Proper Helical Magnetic Structure in the Ferroelectric Phase of CuFe _{1-y} Ga _y O ₂
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Journal of the American Chemical Society

21543	Joobeom Seo	133 (2011) 9005-9013	理研	BL44B2	Soft Secondary Building Unit: Dynamic Bond Rearrangement on Multinuclear Core of Porous Coordination Polymers in Gas Media
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Journal of the Physical Society of Japan

21343	Shojiro Kimura	79 (2010) 043706	理研	BL19LXU	Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈
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Microbiology

21272	Yoshihiro Agari	157 (2011) 1589-1601	理研	BL26B2	TetR-family Transcriptional Repressor <i>Thermus thermophilus</i> FadR Controls Fatty Acid Degradation
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Microporous and Mesoporous Materials

研究成果番号	主著者	雑誌情報	関連情報	ビームライン	タイトル
21544	George Akiyama	157 (2012) 89-93	理研	BL44B2	Effect of Functional Groups in MIL-101 on Water Sorption Behavior

Nature Physics

20810	Kenji Tamasaku	7 (2011) 705-708	理研	BL19LXU	Visualizing the Local Optical to Extreme-Ultraviolet Radiation with a Resolution of $\lambda/380$
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Nuclear Instruments and Methods in Physics Research Section A

20576	Hiroaki Utsunomiya	538 (2005) 225-233	加速器		Ten-Tesla Superconducting Wiggler at SPring-8 as a Photon Source for Nuclear Astrophysics
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Proceedings of SPIE

21407	Satoshi Matsuyama	8139 (2011) 813905	理研	BL29XU	Development of a One-Dimensional Wolter Mirror for Achromatic Full-field X-ray Microscopy
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Review of Scientific Instruments

21265	Togo Kudo	83 (2012) 043108		XFEL	A Photodiode Amplifier System for Pulse-by-Pulse Intensity Measurement of an X-ray Free Electron Laser
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情報処理学会デジタルプラクティス (Journal of Digital Practices)

21292	Keiichi Shinbe	3 (2012) 155-163	その他		Development and Operation of Web Application System for Shared Facility Users
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日本結晶学会誌 (Journal of the Crystallographic Society of Japan)

16582	Masayoshi Nakasako	51 (2009) 37-39		over all	Water Clusters in Molecular Crystals, Coordination Polymers and Biological Macromolecule
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