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利用業務部

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このデータベースに登録された原著論文の内、平成20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。

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今後も利用者情報には発行月の2ヶ月前の月末締めで、前回掲載分の後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。

課題の成果として登録された論文

Physical Review B

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Kenji Ohwada	12309	77 (2008) 094136	2006B1311	BL35XU	大和田 謙二	Intrinsic Ferroelectric Instability in Pb(In _{1/2} Nb _{1/2})O ₃ Revealed by Changing B-site Randomness : Inelastic X-ray Scattering Study
Jiwon Seo	12347	73 (2006) 161104(R)	C04A1509 C03B1508	BL12XU BL12XU	Kim Changyoung Kim Changyoung	Anomalous Resonant Inelastic X-ray Scattering Dispersion of Sr ₂ CuO ₃ Measured at the Cu 1s 3d Edge
Takumi Takano	12433	77 (2008) 104518	2007B1208	BL02B2	岩佐 義宏	Modulation-doped-semiconductorlike Behavior Manifested in Magnetotransport Measurements of Li _x ZrNCl Layered Superconductors
Sogo Kuroiwa	12491	77 (2008) 140503	2006B1082 2007A1523	BL35XU BL35XU	秋光 純 秋光 純	Soft-Phonon-Driven Superconductivity in CaAlSi as Seen by Inelastic X-ray Scattering
Shinya Hosokawa	12494	77 (2008) 174203	2005A0567	BL35XU	細川 伸也	Damping of the Collective Modes in Liquid Fe
Sen Yang	12550	77 (2008) 014407	2006B4502	BL15XU	Ren Xiaobing	Noncubic Crystallographic Symmetry of a Cubic Ferromagnet: Simultaneous Structural Change at the Ferromagnetic Transition
Kouichi Hayashi	12566	76 (2007) 014119	2004A0041	BL37XU	林 好一	Application of X-ray Excited Optical Luminescence to X-ray Standing Wave Method and Atomic Resolution Holography
Hitoshi Yamaoka	12611	77 (2008) 115201	2006B4700	BL15XU	辻井 直人	Bulk Electronic Properties of FeSi _{1-x} Ge _x Investigated by High-Resolution X-ray Spectroscopies
Masanori Inui	12628	77 (2008) 224201	2004A0519	BL35XU	片山 芳則	Collective Dynamics and de Gennes Narrowing in Polymeric Liquid Se: High-resolution Inelastic X-ray Scattering
Hiroshi Yanagi	12638	77 (2008) 224431	2006B3822 理研	BL23SU BL29XU	柳 博	Itinerant Ferromagnetism in the Layered Crystals LaCoOX (X=P,As)
Hitoshi Yamaoka	12652	76 (2007) 075130	2005B0159 理研	BL15XU BL17SU	山岡 人志	Direct Observation of Valence Transition in CeNi _{1-x} Co _x Sn Alloys by X-ray and Photoelectron Spectroscopies

Journal of the Physical Society of Japan

Yoshiharu Sakurai	12329	75 (2006) 96-98	2002B0662 2004A0331	BL08W BL08W	山本 悦嗣 山本 悦嗣	Orbital-wise Decomposition of Magnetic Compton Profiles in Ferromagnetic Uranium Compound
Masaharu Matsunami	12319	77 (2008) 315-317	2007A1201	BL43IR	岡村 英一	Optical Conductivity and Electronic Structures of Ce-filled Skutterudites
Satoshi Tsutsui	12398	77 (2008) 257-259	2004A0589 2005A0370 2007A1301	BL09XU BL09XU BL35XU	筒井 智嗣 筒井 智嗣 筒井 智嗣	Investigation of the Anharmonic Guest Modes in Filled Skutterudites Using Inelastic X-ray Scattering Techniques
Akinori Irizawa	12487	76 (2007) 13-14	2006A1411 2007A1472 2005B0657 2004A0776 2003A0243	BL43IR BL43IR BL43IR BL43IR BL43IR	難波 孝夫 難波 孝夫 難波 孝夫 難波 孝夫 難波 孝夫	Study on Cross-over Change from Metal to Insulator in the Electric States of Copper-spinel Compounds under High Pressure

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Takuro Katsufuji	12533	77 (2008) 053708	2006B1072 2004B0161	BL02B2 BL02B2	勝藤 拓郎 勝藤 拓郎	Structural and Magnetic Properties of Spinel FeV ₂ O ₄ with Two Ions Having Orbital Degrees of Freedom
Masaaki Isobe	12574	76 (2007) 014602	C05A2005 2005B4502	BL15XU BL15XU	田中 雅彦 磯部 雅朗	Modulated Structure of the Composite Crystal [2CaOH] _k CoO ₂ (k=0.576)
Takao Nanba	12583	77 (2008) 214-215	2006B1323	BL43IR	難波 孝夫	Pressure Effect on Pr-based Skutterudite Compounds
Masami Tsubota	12671	77 (2008) 073601	2006A1350	BL02B2	坪田 雅己	Sm-Sb Bond Length in Mixed-Valence System of SmOs ₄ Sb ₁₂
Kengo Oka	12672	77 (2008) 064803	2007A1810	BL02B2	岡 研吾	Charge and Magnetic Orderings in the Triangular-Lattice Antiferromagnet InFe ₂ O ₄

Infrared Physics and Technology

Koichiro Tsuzuku	12405	51 (2008) 433-437	2005A0439	BL43IR	都竹 浩一郎	Evaluation of the Local Homogeneity Fluctuation of Sinter of the Small Chip Size MLCCs by Means of Mid-Infrared Spectroscopy
Taro Moriwaki	12443	51 (2008) 400-403	2007A1153 2005A0111 2004B0486	BL43IR BL43IR BL43IR	森脇 太郎 森脇 太郎 森脇 太郎	BL43IR at SPring-8 Redirected
Etsuo Yonemochi	12446	51 (2008) 450-453	2007B1231	BL43IR	寺田 勝英	Evaluation of Dispersion State of the Two Racemic Compounds of Troglitazone in Pharmaceutical Granules using IR-to-THz Imaging
Yuka Ikemoto	12454	51 (2008) 417-419	2007A1098	BL43IR	池本 夕佳	Broad Band Infrared Near-Field Spectroscopy at Finger Print Region using SPring-8
Takao Nanba	12580	51 (2008) 438-439	2007A1129	BL43IR	入澤 明典	Pressure Induced Heavy Electron States in TmTe
Takao Nanba	12581	51 (2008) 468-469	2006A1411 2007A1472	BL43IR BL43IR	難波 孝夫 難波 孝夫	Study of Optical Response of Spinel Oxide by Utilizing IR-THz Spectromicroscopy

Acta Crystallographica Section F

Ryota Katsumi	11554	63 (2007) 126-129	2006A6812 2006A1733	BL44XU BL38B1	金谷 茂則 金谷 茂則	Crystallization and Preliminary X-ray Diffraction Study of Glycerol Kinase from the Hyperthermophilic Archaeon <i>Thermococcus kodakaraensis</i>
Hyongi Chon	11558	61 (2005) 319-322	C04A7424	BL44XU	金谷 茂則	Overproduction and Preliminary Crystallographic Study of a Human Kynurenine Aminotransferase II Homologue from <i>Pyrococcus horikoshii</i> OT3
Hyongi Chon	11559	61 (2005) 293-295	C03A7424	BL44XU	金谷 茂則	Crystallization and Preliminary X-ray Diffraction Study of Thermostable RNase H III from <i>Bacillus stearotherophilus</i>
Dan Sato	11574	62 (2006) 1034-1036	2006A6825	BL44XU	原田 繁春	Expression, Purification and Crystallization of L-methionine lyase 2 from <i>Entamoeba histolytica</i>
Daniel Ken Inaoka	11575	61 (2005) 875-878	C05A7219	BL44XU	原田 繁春	Expression, Purification and Crystallization of <i>Trypanosoma cruzi</i> Dihydroorotate Dehydrogenase Complexed with Orotate
Chiho Taguchi	12419	64 (2008) 217-220	2007B1900	BL41XU	森元 聡	Crystallization and Preliminary X-ray Diffraction Studies of Polyketide Synthase-1 (PKS-1) from <i>Cannabis sativa</i>
Akihito Ochiai	12597	62 (2006) 438-440	2006A1405	BL38B1	橋本 涉	Crystallization and Preliminary X-ray Analysis of the Rhamnolacturonan Lyase YesW from <i>Bacillus subtilis</i> Strain 168, a Member of Polysaccharide Lyase Family 11
Lin Linyen	12616	61 (2005) 414-416	2004B0886	BL41XU	大久保 忠恭	Crystallization and Preliminary X-ray Crystallographic Analysis of a Conserved Domain in Plants and Prokaryotes from <i>Pyrococcus horikoshii</i> OT3

Applied Physics Letters

Trevor Tyson	12351	90 (2007) 101915	2005B4259	BL12XU	Qian Qing	Observation of Strain and Temperature Induced Changes in the Band Structure of Thin La _{0.8} MnO ₃ Films
Jin-Ming Chen	12352	91 (2007) 054108	2006A4251	BL12XU	Chen Jin-Ming	Resonant X-ray Emission Spectroscopy of Multiferroic TbMnO ₃
Gerhard Fecher	12577	92 (2008) 193513	2007B4904 2006A1775	BL15XU BL22XU	Felser Claudia Felser Claudia	Detection of the Valence Band in Buried Co ₂ MnSi - MgO Tunnel Junctions by Means of Photoemission Spectroscopy
Takahiro Wakita	12670	92 (2008) 101921	2007A1952	BL02B2	脇田 崇弘	Structural Disorder in the Cubic Ce _{0.5} Zr _{0.5} O ₂ Catalyst: A Possible Factor of the High Catalytic Activity
Minoru Osada	12682	92 (2008) 253110	2007A4608 2007B4605	BL15XU BL15XU	長田 実 長田 実	Gigantic Magneto-Optical Effects Induced by (Fe/Co)-Cosubstitution in Titania Nanosheets

Journal of Non-Crystalline Solids

Hiroyuki Fujii	12305	353 (2007) 2094-2098	2005A0278 2005B0252	BL08W BL08W	小原 真司 武田 信一	Structural Properties of Liquid Au-Si and Au-Ge Alloys with Deep Eutectic Region
Kazuhiro Matsuda	12378	353 (2007) 3380-3383	2003B0463 2004A0235 2005A0474	BL28B2 BL28B2 BL04B2	松田 和博 松田 和博 松田 和博	X-ray Diffraction Studies of Fluid Rubidium: From the Liquid to a Dense Vapor
Kozaburo Tamura	12379	353 (2007) 3348-3357	2001B3020 2003A6020	BL04B1 BL28B2	田村 剛三郎 田村 剛三郎	Structural Instability and the Metal-non-metal Transition in Expanded Fluid Metals
Kiyoto Matsuishi	12394	354 (2008) 2669-2672	2006A1023	BL35XU	松石 清人	Low-energy Excitation in As ₂ S ₃ Glass Studied by Inelastic X-ray Scattering
Shinya Hosokawa	12395	354 (2008) 2715-2718	2006A1023 2007A1109	BL35XU BL35XU	松石 清人 細川 伸也	Collective Dynamics of As ₂ S ₃ Glass Investigated by Inelastic X-ray Scattering

Journal of Physics: Conference Series

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Kazuhiro Matsuda	12380	98 (2008) 012003	2007A1509 2006B1452	BL28B2	松田 和博	Structural Study of Expanded Fluid Cesium
Ryosuke Suenaga	12435	98 (2008) 012021	2006A0145	BL04B2	武田 信一	Static Structure of Superionic Conducting Glass of Ag-Ge-Se System
Kenji Maruyama	12564	98 (2008) 012019	2006B1220 2007A1225	BL04B2 BL08W	丸山 健二 丸山 健二	Void Distributions in Liquid BiBr ₃
Masanori Inui	12626	98 (2008) 012008	2006A1067	BL28B2	細川 伸也	X-ray Diffraction Measurements of Expanded Fluid Sulfur up to the Supercritical Region
Masanori Inui	12627	98 (2008) 012028	2004B0069	BL04B2	乾 雅祝	Structural Fluctuations in Expanded Fluid Se Accompanying the Semiconductor-Metal Transition

Physical Review Letters

Takahiro Tanaka	11716	95 (2005) 203002	2004B0428 2005A2428	BL27SU	田中 大	Symmetry-Resolved Absorption Spectra of Vibrationally Excited CO ₂ Molecules
Lihe Qian	12327	100 (2008) 115505	2006B1018	BL20XU	戸田 裕之	Direct Observation and Image-based Simulation of Three-dimensional Tortuous Crack Evolution inside Opaque Materials
Emilie Collart	12348	96 (2006) 157004	C05A1500	BL12XU	Shukla Abhay	Localized and Delocalized Excitons: Resonant Inelastic X-ray Scattering in La _{2-x} Sr _x NiO ₄ and La _{2-x} Sr _x CuO ₄
Yong Cai	12349	97 (2006) 176402	C03B1503 C03A1500	BL12XU	Cai Yong Cai Yong	Low-Energy Charge-density Excitations in MgB ₂ : Striking Interplay between Single-particle and Collective Behavior for Large Momenta
Xu-Guang Zheng	12502	97 (2006) 247204	2006A1193 2006B1189	BL02B2	Zheng Xu-Guang Zheng Xu-Guang	Coexisting Ferromagnetic Order and Disorder in a Uniform System of Hydroxyhalide Co ₂ (OH) ₃ Cl

Proteins: Structure, Function, and Bioinformatics

Kenji Kajitani	12545	70 (2008) 1635-1639	2006A2716 2006B2664	BL41XU	三木 邦夫	Crystal Structure of Human Cyclophilin D in Complex with Its Inhibitor, Cyclosporin A at 0.96 Å Resolution
Lin Linyen	12619	67 (2007) 505-507	2004B0886	BL41XU	大久保 忠恭	Crystal Structure of <i>Pyrococcus horikoshii</i> PPC Protein at 1.60 Å Resolution
Yong-Gui Gao	12692	71 (2008) 503-508	2006B2646	BL41XU	姚 閔	Structure of Protein PH0536 from <i>Pyrococcus horikoshii</i> at 1.7 Å Resolution Reveals a Novel Assembly of an Oligonucleotide / Oligosaccharide-binding Fold and an α -helical Bundle
Hiroshi Itou	12693	70 (2008) 1631-1634	2005B0417	BL38B1	田中 勲	Crystal Structure of the PH1932 Protein, a Unique Archaeal ArsR Type winged-HTH Transcription Factor from <i>Pyrococcus horikoshii</i> OT3
Yoshikazu Tanaka	12696	68 (2007) 446-457	2006A1697	BL38B1	姚 閔	Molecular Properties of Two Proteins Homologous to PduO-type ATP: cob()alamin Adenosyltransferase from <i>Sulfolobus tokodaii</i>

Journal of Alloys and Compounds

Ei-chiro Matsubara	12290	434-435 (2007) 119-120	2004B0701	BL04B2	松原 英一郎	Structural Study of Zr-based Metallic Glasses
Shin'ichi Takeda	12304	452 (2008) 149-153	2005B0252 2005A0278	BL08W	武田 信一 小原 真司	Structure of Eutectic Alloys of Au with Si and Ge
Yoshikazu Makihara	12311	455 (2008) 385-391	2006A1111	BL02B2	牧原 義一	Cooperative Dehydrogenating Mechanism in a Mechanically Milled Mg-50 mass% ZrMn ₂ Composite
Kazutaka Ikeda	12559	446-447 (2007) 162-165	2005B0899	BL19B2	有賀 恭一	Thermodynamical Stability and Electronic Structure of a Perovskite-type Hydride, NaMgH ₃

Journal of Applied Physics

Andreas Fournas	11749	102 (2007) 064916	2006A0002	BL20B2	Lewis Rob	Three-Dimensional Synchrotron X-ray Particle Image Velocimetry
Zhongwen Ouyang	11913	102 (2007) 113917	2005A0557 2006A1095	BL02B1	松田 康弘	Direct Observation of Field-induced Variant Transformation in Fe ₃ Pt Using Pulsed Magnetic Field X-ray Diffraction
Yasuhiro Ueda	12596	103 (2008) 113513	2007A1099	BL04B1	松井 正典	Temperature-Pressure-Volume Equation of State of the B2 Phase of Sodium Chloride
Yasutomo Arai	12705	103 (2008) 094905	2006B1226	BL04B2	余野 建定	Refractive Index Calculation using the Structural Properties of La ₄ Ti ₉ O ₂₄ Glass

The Journal of Chemical Physics

Ingela Hjelte	6905	122 (2005) 084306	2003A0016	BL27SU	Piancastelli Maria N.	Angular Distribution of Different Vibrational Components of the X- and B-States Reached after Resonant Auger Decay of Core-Excited H ₂ O: Experiment and Theory
Kazuhiro Fuchizaki	12289	127 (2007) 065504	2000A0056 2000B0381	BL04B2	浜谷 望	Synchrotron X-ray Studies of Molecular Liquid SnI ₄
Yusuke Tamenori	12294	128 (2008) 124321	2002B0284 2003A0677 2003B0275 2006A1282	BL27SU	為則 雄祐 為則 雄祐 本間 健二 為則 雄祐	Hydrogen Bonding in Methanol Clusters Probed by Inner-Shell Photoabsorption Spectroscopy in the Carbon and Oxygen K-Edge Regions
Darrah Thomas	12406	128 (2008) 144311	2007A1046	BL27SU	Thomas Darrah	Recoil Excitation of Vibrational Structure in the Carbon 1s Photoelectron Spectrum of CF ₄

Physica B

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Shin'ichi Takeda	12307	385-386 (2006) 249-251	2005A0711	BL04B2	武田 信一	Structure and Dynamic Properties on Molten Cuprous Halides
Hidekazu Okamura	12318	403 (2008) 761-763	2004A0778	BL43IR	岡村 英一	Universal Scaling in the Optical Conductivity of Heavy Fermion Compounds
Akinori Irizawa	12488	403 (2008) 948-949	2006B1323	BL43IR	難波 孝夫	Electronic State of PrFe ₄ P ₁₂ Under High Pressure Probed by Infrared Spectroscopy
Naohito Tsujii	12610	403 (2008) 922-924	2006B4700	BL15XU	辻井 直人	The Semiconductor to Metal Transition in FeSi _{1-x} Ge _x Probed by High Resolution X-ray Absorption Spectroscopy

Journal of Molecular Biology

Fusamichi Akita	11532	368 (2007) 1469-1483	C03A7000	BL44XU	山下 栄樹	The Crystal Structure of a Virus-like Particle from the Hyperthermophilic Archaeon <i>Pyrococcus furiosus</i> Provides Insight into the Evolution of Viruses
Akashi Ohtaki	12543	376 (2008) 1130-1141	2006B1664 理研	BL38B1 BL44B2	三木 邦夫	Structure and Molecular Dynamics Simulation of Archaeal Prefoldin: The Molecular Mechanism for Binding and Recognition of Nonnative Substrate Proteins
Takafumi Itoh	12606	377 (2008) 1443-1459	2007B1176 2007A1154	BL38B1 BL38B1	伊藤 貴文 伊藤 貴文	Crystal Structure of YihS in Complex with D-Mannose: Structural Annotation of <i>Escherichia coli</i> and <i>Salmonella enterica</i> yihS-encoded Proteins to an Aldose-Ketose Isomerase

Journal of Physics: Condensed Matter

Szilvia Pothoczki	12301	19 (2007) 335204	2004A0598	BL04B2	Pusztai Laszlo	The Structure of Liquid Iodomethane, CH ₃ /CD ₃ I
Ildikó Harsányi	12302	19 (2007) 335208	2004A0598	BL04B2	Pusztai Laszlo	Hydration of Ions in Aqueous RbCl Solutions
Kozaburo Tamura	12381	20 (2008) 114102	2006B1451 2007A1509 2006A1079 2006A1080	BL04B2 BL28B2 BL28B2 BL28B2	松田 和博 松田 和博 松田 和博 松田 和博	Structural and Electronic Properties of Expanding Fluid Metals

Journal of Synchrotron Radiation

Michikazu Tano	12392	15 (2008) 243-245	C04B5019	BL24XU	杉尾 成俊	Trimeric Structure and Conformational Equilibrium of M-ficolin Fibrinogen-like Domain
Ryuta Mizutani	12594	15 (2008) 374-377	2007A1844 2007B1102	BL20XU BL20XU	水谷 隆太 水谷 隆太	Element-specific Microtomographic Imaging of <i>Drosophila</i> Brain Stained with High-Z Probes
Eijiro Honjo	12420	15 (2008) 285-287	2006A2700	BL41XU	黒木 良太	Mutagenesis of the Crystal Contact of Acidic Fibroblast Growth Factor

Journal of the American Chemical Society

Simon George	12402	130 (2008) 5673-5680	2006B1215	BL09XU	Cramer Stephen	Extended X-ray Absorption Fine Structure and Nuclear Resonance Vibrational Spectroscopy Reveal that NiB-co, a FeMo-co Precursor, Comprises a 6Fe Core with an Interstitial Light Atom
Masaaki Isobe	12575	129 (2007) 14585-14596	C05A2005 2005B4502	BL15XU BL15XU	田中 雅彦 磯部 雅朗	Structure of the Monoclinic-form Misfit-layer Compound, (Ca _{0.85} OH) ₂ CoO ₂ (~ 0.57822)
Torahiko Yamaguchi	12567	130 (2008) 6894-6895	2006A1369	BL04B2	橋爪 大輔	Synthesis and Structure of a Hexacoordinate Carbon Compound

Physics and Chemistry of Minerals

Toru Shinmei	8821	32 (2005) 594-602	2004A0389 2003B0582	BL04B1 BL04B1	新名 亨 入船 徹男	High-Temperature and High-Pressure Equation of State for the Hexagonal Phase in the System NaAlSiO ₄ - MgAl ₂ O ₄
Yusuke Seto	12444	35 (2008) 223-229	2006B1184 2007A1510	BL10XU BL10XU	瀬戸 雄介 瀬戸 雄介	Fate of Carbonates within Oceanic Plate Subducted to the Lower Mantle and a Possible Mechanism of Diamond Formation
Kenya Ohgushi	12465	35 (2008) 189-195	2006B4500 2007A4503	BL15XU BL15XU	松下 能孝 松下 能孝	CaPtO ₃ as a Novel Post-Perovskite Oxide

Protein Science

Haruka Tamura	11550	17 (2008) 126-135	2006B6806 2006B1642 2005A0805 C04A7119	BL44XU BL38B1 BL38B1 BL44XU	井上 豪 井上 豪 井上 豪 松村 浩由	Crystal Structure of 5-methylthioribose 1-phosphate Isomerase Product Complex from <i>Bacillus Subtilis</i> : Implications for Catalytic Mechanism
Hidenori Yamada	11712	16 (2007) 1389-1397	2002A0119 2002B0238 2003A0111 2004A0351	BL38B1 BL38B1 BL38B1 BL38B1	山田 秀徳 山田 秀徳 山田 秀徳 山田 秀徳	"Crystal Lattice Engineering" an Approach to Engineer Protein Crystal Contacts by Creating Intermolecular Symmetry: Crystallization and Structure Determination of a Mutant Human RNase 1 with a Hydrophobic Interface of Leucines
Yong-Gui Gao	12694	16 (2007) 1878-1886	2005B0417	BL38B1	田中 勲	The Structures of Transcription Factor CGL2947 from <i>Corynebacterium glutamicum</i> in Two Crystal Forms: A Novel Homodimer Assembling and the Implication for Effector-binding Mode

Surface Science

Yasumasa Takagi	12587	602 (2008) L65-L68	2006A1637	BL27SU	小森 文夫	Soft X-ray Emission Spectroscopy of Co Nanoislands on a Nitrogen-Adsorbed Cu(001) Surface
Masato Kotsugi	12687	601 (2007) 4326-4328	2005B0584	BL27SU	小嗣 真人	Easy-axis Rotation in Meteoritic Iron Probed by Photoelectron Emission Microscope (PEEM)
Masato Kotsugi	12688	601 (2007) 4764-4767	2004B0738	BL39XU	小嗣 真人	Application of Photoelectron Emission Microscope (PEEM) to Extraterrestrial Materials

Transactions of the Materials Research Society of Japan

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Takuya Hoshina	9355	29 (2004) 1207-1210	2003B1111	BL02B2	八島 正知	Size Effect on Dielectric Properties of Barium Titanate Fine Particles
Takuya Hoshina	9361	30 (2005) 67-70	2003B0029	BL02B2	八島 正知	Size and Temperature Induced Phase Transition Behaviors of Barium Titanate Nanoparticles
Akinori Tanaka	12537	33 (2008) 169-172	2007A4902 2007B4907	BL15XU BL15XU	田中 章順 田中 章順	Electronic Structure of Dendrimer-Au Hybrid Nanoparticle : Hard X-ray Photoemission Study

Advanced Materials Research

Babulal Ahuja	12656	52 (2008) 145-154	2003A0055	BL08W	Sharma Balkrishna	Magnetic Compton Scattering Study of Shape Memory Alloys
Gulzar Ahmed	12657	52 (2008) 181-186	2003A0055	BL08W	Sharma Balkrishna	A Charge Compton Profile Study of Ni ₂ MnGa: Theory and Experiment

Applied Physics Express

Yoshimitsu Fukuyama	12322	1 (2008) 045001	2006A1746 2006B1726 2007A1864	BL40XU BL40XU BL40XU	高田 昌樹 高田 昌樹 木村 滋	Time-Resolved Investigation of Nanosecond Crystal Growth in Rapid-Phase-Change Materials: Correlation with the Recording Speed of Digital Versatile Disc Media
Ziyuan Liu	12499	92 (2008) 192115	2007A1202	BL46XU	小金澤 智之	A Hydrogen Storage Layer on the Surface of Silicon Nitride Films

Biochemical and Biophysical Research Communications

Hirofumi Ohishi	12416	368 (2008) 382-387	2002A0287 2002B0144	BL40B2 BL41XU	大石 宏文 大石 宏文	The Crystallographic Study of Left-handed Z-DNA d(CGCGCG) ₂ and Thermane Complexes Crystallized at Various Temperatures and at Various Concentration of Cations
Hirofumi Ohishi	12421	366 (2008) 275-280	2002A0287 2002B0144	BL40B2 BL41XU	大石 宏文 大石 宏文	Polyamines Stabilize Left-handed Z-DNA: Using X-ray Crystallographic Analysis, We Have Found a New Type of Polyamine (PA) that Stabilizes Left-handed Z-DNA

Chemistry Letters

Toru Wakihara	11835	37 (2008) 30-31	2003B0157	BL04B2	大久保 達也	Intermediate-range Order in Mesoporous Silicas Investigated by a High-energy X-ray Diffraction Technique
Satoshi Inagaki	12288	35 (2006) 1370-1371	2004B0025	BL04B2	松方 正彦	Indication of Successful Crystallization of Dry Gel into *BEA-type Zeolite

Condensed Matter Physics

Shinya Hosokawa	12387	11 (2008) 71-81	2007A1109 2006A1376 2005B0346 2005A0567 2004B0635 2003B0766 2003B0574 2003A0153 2003A0081 2002B0179 2002A0182 2001B0482	BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU BL35XU	細川 伸也 加美山 隆 加美山 隆 細川 伸也 山口 敏男 片山 芳則 山口 敏男 加美山 隆 細川 伸也 細川 伸也 細川 伸也 武田 信一	Inelastic X-ray Scattering Experiments at Extreme Conditions: High Temperatures and High Pressures
Masanori Inui	12495	11 (2008) 83-93	2003A6607 2006A1273	BL35XU BL35XU	田村 剛三郎 乾 雅祝	Experimental Techniques of High-Resolution Inelastic X-ray Scattering Measurements for Supercritical Metallic Fluids at High Temperature and High Pressure using Synchrotron Radiation at SPring-8

Journal of Magnetism and Magnetic Materials

Krishna Garg	12341	320 (2008) 1528-1534	2005A0172	BL11XU	林 久史	Polarized SSXANES Study of Spin Ordering in Ferromagnetic and Paramagnetic Phases of La _{1.2} Sr _{1.65} Ca _{0.15} Mn ₂ O ₇
Hideaki Takano	12389	320 (2008) 1503-1511	2000B0408 2001A0370	BL01B1 BL01B1	矢野 一雄 中井 生央	Phase Transition and Extended X-ray Absorption Fine Structure of Melt-Spun Amorphous Fe _{100-x} Y _x Alloys

The Journal of Biological Chemistry

Eiji Kurimoto	11736	282 (2007) 33252-33256	2005B3011	BL24XU	柏木 立己	Curculin Exhibits Sweet-tasting and Taste-modifying Activities through Its Distinct Molecular Surfaces
Akihito Ochiai	12598	281 (2007) 37134-37145	2006B1214	BL38B1	橋本 涉	A Novel Structural Fold in Polysaccharide Lyases: <i>Bacillus subtilis</i> Family 11 Rhamnogalacturonan Lyase YesW with an Eight-bladed -propeller

The Journal of Physical Chemistry C

Satoshi Inagaki	12286	111 (2007) 10285-10293	2004A0434 2004B0025	BL04B2 BL04B2	松方 正彦 松方 正彦	Elucidation of Medium-Range Structure in a Dry Gel-Forming *BEA-Type Zeolite
Seiji Yamazoe	12571	112 (2008) 6869-6879	2007A1805	BL01B1	山添 誠司	XAFS Study of Tungsten L ₁ - and L ₃ -Edges: Structural Analysis of WO ₃ Species Loaded on TiO ₂ as a Catalyst for Photo-oxidation of NH ₃

Journal of the American Ceramic Society

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Toru Wakihara	11075	90 (2007) 1562-1565	2005B0887	BL04B2	多々見 純一	Nitridation of Silica Characterized by High-energy X-Ray Diffraction Technique
Seiichi Matsumura	12300	90 (2007) 742-745	2003B0372 2004B0595	BL04B2 BL04B2	渡辺 匡人 渡辺 匡人	Supercooled Barium Boric Oxide Melts: X-Ray Diffraction Measurements and Glass Formation

Materials Science and Engineering A

Shin'ichi Takeda	12306	449-451 (2007) 590-593	2005A0278	BL08W	小原 真司	Structure of Liquid Au-Si Alloys around the Eutectic Region
Lihe Qian	12507	483-484 (2008) 293-296	2005A0417	BL47XU	戸田 裕之	Three-dimensional Visualization of Ductile Fracture in an Al-Si Alloy by High-resolution Synchrotron X-ray Microtomography

Materials Science Forum

Keisuke Tanaka	12409	571-572 (2008) 339-344	2006A0220	BL02B1	水谷 安伸	In-Situ Synchrotron Measurement of Internal Stresses in Solid-Oxide Fuel Cell during Red-Ox Cycle
			2007A1159	BL02B1	水谷 安伸	
			2005A0328	BL02B1	田中 啓介	
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			2004A0310	BL02B1	田中 啓介	
Akitoshi Mizuno	12320	561-565 (2007) 1349-1352	2007A1145	BL04B2	水野 章敏	Structure of Zr-Cu and Zr-Ni Liquid Alloys Studied by High-Energy X-ray Diffraction

Philosophical Magazine

Yuichi Michiue	12561	87 (2007) 2655-2661	C05A2004 2006A4502	BL15XU BL15XU	道上 勇一 道上 勇一	Superspace Approach to Crystallographic Shear Structures
Masaaki Isobe	12573	87 (2007) 2647-2653	C05A2005 2005B4502	BL15XU BL15XU	田中 雅彦 磯部 雅朗	

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

Seiji Kojima	12544	105 (2008) 7696-7701	2006A1386 2004B0281	BL41XU BL41XU	今田 勝巳 今田 勝巳	Insights into the Stator Assembly of the <i>Vibrio</i> Flagellar Motor from the Crystal Structure of MotY
Satoshi Watanabe	12546	105 (2008) 4121-4126	2002A0581 2002B0392 2005A0479 2003A0437 2003B0863 2004A0676 2004B0838 2005A0854 2006A2716 2006B2664 理研 2005B1798	BL41XU BL41XU BL41XU BL41XU BL41XU BL41XU BL41XU BL41XU BL41XU BL41XU BL44B2 BL41XU	喜田 昭子 喜田 昭子 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫 三木 邦夫	

Review of Scientific Instruments

Tadahiko Masaki	12293	78 (2007) 026102	2005A0153	BL04B2	正木 匡彦	Compact Electrostatic Levitator for Diffraction Measurements with a Two Axis Diffractometer and a Laboratory X-ray Source
Yoshimitsu Fukuyama	12701	79 (2008) 045107	2006A1746	BL40XU	高田 昌樹	Ultra-high-precision Time Control System over Any Long Time Delay for Laser Pump and Synchrotron X-ray Probe Experiment

X-Ray Spectrometry

Takashi Yamamoto	12414	37 (2008) 226-231	2001B0215 2003A0135	BL01B1 BL01B1	中村 哲也 田中 庸裕	Structural Analysis of Tungsten-Zirconium Oxide Catalyst by W K-edge and L ₁ -edge XAFS
Hisashi Hayashi	12548	37 (2008) 232-236	2005A0173	BL39XU	林 久史	

日本機械学会論文集 A編 (Transactions of the Japan Society of Mechanical Engineers, Series A)

Kenji Suzuki	12391	74 (2008) 370-376	2005B0042	BL02B1	鈴木 賢治	Residual Stresses and Structure of EB-PVD Thermal Barrier Coatings Exposed at High Temperature
			2006A1752	BL02B1	鈴木 賢治	
			2005B0812	BL02B1	川村 昌志	
Kenichiroh Igashira	12404	74 (2008) 308-314	2005B3100	BL24XU	宮下 卓也	Creep Damage Evaluation of Ni-base Superalloys for Gas-Turbine by X-ray Diffraction Method
			2006A3100	BL24XU	宮下 卓也	
			C05A5034	BL24XU	宮下 卓也	
			C04B5034	BL24XU	宮下 卓也	
			C04A5034	BL24XU	宮下 卓也	
C03A5034	BL24XU	宮下 卓也				

Acta Materialia

Masakazu Kobayashi	12503	56 (2008) 2167-2181	2005A0066 2005B0019	BL20XU BL47XU	Wilkinson David 戸田 裕之	High-density Three-dimensional Mapping of Internal Strain by Tracking Microstructural Features
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Advanced Functional Materials

Yali Li	12660	18 (2008) 551-559	2007A1243	BL40B2	秋葉 勇	Facile Formation of Uniform Shell Crosslinked Nanoparticles with Built-in Functionalities from N-Hydroxysuccinimide-Activated Amphiphilic Block Copolymers
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Advances in X-Ray Analysis

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Masaru Kitamura	3460	46 (2002) 326-331	C01B2001 装置技術	BL15XU BL15XU	福島 整	Performance of YB ₆₆ Double-Crystal Monochromator for Dispersing Synchrotron Radiation at SPring-8

American Journal of Physiology: Heart and Circulatory Physiology

Masakazu Shinohara	12342	294 (2008) H1094-H1100	2006A1811	BL20XU	横山 光宏	Atherosclerotic Plaque Imaging using Phase-Contrast X-ray Computed Tomography
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American Journal of Roentgenology

Keiko Imamura	12511	190 (2008) W234-W236	2003A0171	BL20B2	梅谷 啓二	Microcalcifications of Breast Tissue: Appearances on Synchrotron Radiation Imaging with 6- μ m Resolution
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Angewandte Chemie International Edition

Masayuki Suda	12702	47 (2008) 160-163	2007B1686	BL39XU	須田 理行	Reversible Photo-tuning of Ferromagnetism at Au-S Interfaces at Room Temperature
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Brain Research

Ryuta Mizutani	12642	1199 (2008) 53-61	2007A1844 2007A2072	BL20XU BL20B2	水谷 隆太 水谷 隆太	Three-dimensional Microtomographic Imaging of Human Brain Cortex
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Corrosion Science

Shigeru Suzuki	12700	50 (2008) 1761-1765	2007A1897	BL01B1	鈴木 茂	Changes in Chemical State and Local Structure of Green Rust by Addition of Copper Sulphate Ions
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Crystal Growth & Design

Masahiro Horiguchi	12339	8 (2008) 540-548	2006A1260	BL02B2	田村 類	Control of the Mode of Polymorphic Transition Inducing Preferential Enrichment by Modifying the Molecular Structure or Adding Seed Crystals: Significant Influence of CH/F Hydrogen Bonds
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Earth and Planetary Science Letters

Motohiko Murakami	11753	259 (2007) 18-23	2005A5892	BL10XU	巽 好幸	Sound Velocity of MgSiO ₃ Post-Perovskite Phase: A Constraint on the D* Discontinuity
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Electrochimica Acta

Nagahiro Hoshi	12655	53 (2008) 6070-6075	2006A1629	BL13XU	星 永宏	Surface X-ray Scattering of High Index Plane of Platinum Containing Kink Atoms in Solid-Liquid Interface: Pt(310) =3(100)-(110)
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Geochemistry, Geophysics, Geosystems

Tetsu Kogiso	12265	9 (2008) Q03018	2006A1347 2006B1101	BL20XU BL47XU	小木 曾 哲 小木 曾 哲	Detecting Micrometer-scale Platinum-group Minerals in Mantle Peridotite with Microbeam Synchrotron Radiation X-ray Fluorescence Analysis
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Industrial & Engineering Chemistry Research

Wei-Bin Su	8661	44 (2005) 1677-1687	C04A1005	BL12B2	Chang Jen-Ray	Rejuvenation of Moisture-exposed Pd/ -Al ₂ O ₃ Catalysts for Isoprene-selective Hydrogenation: Correlation between Pd Dispersion and Catalytic Properties
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Inorganic Chemistry

Emiko Fujisawa	12200	47 (2008) 863-874	2002B0133	BL02B2	小林 昭子	Conducting Dimerized Cobalt Complexes with Tetrathiafulvalene Dithiolate Ligands
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International Journal of Materials Research

Kazutaka Ikeda	12557	5 (2008) 471-479	2005B0899	BL19B2	有賀 恭一	Perovskite-type Hydrides-synthesis, Structures and Properties
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Japanese Journal of Applied Physics

Yasuhiro Yoneda	12291	45 (2006) 7556-7559	2004A0018	BL04B2	米田 安宏	Pair-Distribution Function Analysis of Bismuth Titanate
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Journal of Applied Crystallography

David Vine	12556	40 (2007) 650-657	2007A1173	BL20XU	Pavlov Konstantin	Unambiguous Reconstruction of the Complex Amplitude Reflection Coefficient of a Laterally Homogeneous Crystal using Analyser-based Phase-contrast Imaging
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Journal of Bacteriology

Fatemeh Elmi	8678	187 (2005) 8470-8476	C05A1014	BL12B2	Chen Chun-Jung	Stereoselective Esterase from <i>Pseudomonas putida</i> IFO12996 Reveals / Hydrolase Folds for D- -Acetylthioisobutyric Acid Synthesis
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Journal of Catalysis

Toshitaka Tanabe	12579	257 (2008) 117-124	2003A0876 C04A4072	BL01B1 BL16B2	長井 康貴 堂前 和彦	Sintering and Redispersion Behavior of Pt on Pt/MgO
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Journal of Cereal Science

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Akiko Kubo	12666	48 (2008) 92-97	2006B1368	BL40XU	湯口 宜明	The Use of Micro-beam X-ray Diffraction for the Characterization of Starch Crystal Structure in Rice Mutant Kernels of <i>Waxy</i> , <i>Amylose Extender</i> , and <i>Sugary1</i>

Journal of Chemical & Engineering Data

Toshimichi Kamei	12601	53 (2008) 1338-1341	2007A5962	BL32B2	柏木 立己	Solid-Liquid Equilibria in an L-Isoleucine + L-Norleucine + Water System
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Langmuir

Akira Nakahara	11977	23 (2007) 10879-10882	2005B0097 2006A1629	BL13XU BL13XU	星 永宏 星 永宏	In Situ Surface X-ray Scattering of Stepped Surface of Platinum: Pt(311)
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Macromolecules

Katsuhito Mori	12673	41 (2008) 1713-1719	2005A0094	BL13XU	高橋 功	Crystalline Lamellae and Surface Morphology of Biodegradable Polyhydroxyalkanoate Thin Films: Thermal Behavior and Comparison between Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) and Poly(3-hydroxybutyrate)
			2005B0451	BL13XU	高橋 功	
			2006A1426	BL13XU	高橋 功	

Microporous and Mesoporous Materials

Satoshi Inagaki	12287	101 (2007) 50-56	2004A0434	BL04B2	松方 正彦	Changes of Intermediate-Range Structure in the Course of Crystallization of Zeolite Beta
			2004B0025	BL04B2	松方 正彦	

Optics Express

Sergey Podorov	12558	15 (2007) 9954-9962	2007B1465	BL20XU	Paganin David	A Non-iterative Reconstruction Method for Direct and Unambiguous Coherent Diffractive Imaging
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Organic Electronics

Tomohiko Mori	12326	9 (2008) 328-332	2005B0922	BL46XU	竹内 久人	N-type Field-Effect Transistor Based on a Fluorinated-Graphene
			2005B0964	BL19B2	竹内 久人	
			2006A0153	BL46XU	竹内 久人	

Physical Chemistry Chemical Physics

Toru Wakihara	8808	8 (2006) 224-227	2004B0614	BL04B2	大久保 達也	A New Approach to the Determination of Atomic-Architecture of Amorphous Zeolite Precursors by High-Energy X-ray Diffraction Technique
			2003B0157	BL04B2	大久保 達也	

Physical Review A

Takahiro Tanaka	12325	77 (2008) 012709	2005B0586	BL27SU	田中 隆宏	Vibration-induced Suppression of Valence-Rydberg Mixing in the $O1s$ ns Rydberg Series in N_2O
			2006A1572	BL27SU	田中 隆宏	

Physics of the Earth and Planetary Interiors

Daisuke Hamane	12445	166 (2008) 219-225	2006A1580	BL10XU	浜根 大輔	Effect of $FeAlO_3$ Incorporation into $MgSiO_3$ on the Bulk Modulus of Perovskite
			2006B1373	BL10XU	藤野 清志	
			2007A1604	BL10XU	藤野 清志	
			2007A1510	BL10XU	瀬戸 雄介	

Protein and Peptide Letters

SongQing Hu	12695	15 (2008) 115-117	2006A2697	BL41XU	姚 閔	Purification, Crystallization and Preliminary X-Ray Studies of AxCesD Required for Efficient Cellulose Biosynthesis in <i>Acetobacter xylinum</i>
			2006B1646	BL38B1	姚 閔	

Science

Kenji Ohta	12336	320 (2008) 89-91	2007A0099	BL10XU	廣瀬 敬	The Electrical Conductivity of Post-Perovskite in Earth's D [*] Layer
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Science and Technology of Advanced Materials

Kazuhiro Matsuda	12377	7 (2006) 483-489	2005A0472	BL28B2	松田 和博	Structural Studies of Expanded Fluid Rubidium up to the Supercritical Regions
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Spectroscopy

Sevgi Bayari	12497	21 (2007) 227-234	2006B1145	BL43IR	Utku Haluk	Synchrotron FT-IR Microspectroscopic Analysis of Necrotic Bone
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Structure

Yoshikazu Tanaka	12691	16 (2008) 488-496	2006A1697	BL38B1	姚 閔	A Helical String of Alternately Connected Two Three-helix Bundles for the 1.1-Megadalton Cell Wall-Associated Adhesion Protein Ebh from <i>Staphylococcus aureus</i>
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The Journal of Organic Chemistry

Yasushi Morita	9308	70 (2005) 2739-2744	2005B0521	BL02B2	北川 宏	Hydrogen-Bonded Networks in Organic Conductors: Crystal Structures and Electronic Properties of Charge-Transfer Salts of Tetracyanoquinodimethane with 4,4'-Biimidazolium Multiprotonated States
			2005B0173	BL02B1	北川 宏	

The Journal of Physical Chemistry B

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	実験責任者	タイトル
Masaki Kakiage	12434	112 (2008) 5311-5316	2005A0700	BL40B2	上原 宏樹	Phase Transitions upon Heating for Melt-Drawn Ultra-High Molecular Weight Polyethylenes Having Different Molecular Characteristics

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

Hisashi Hayashi	12340	39 (2008) 129-136	2006A1117	BL39XU	林 久史	Can K ²⁺ Bands be a Probe for State-Selective XAFS Measurements?
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軽金属 (Journal of Japan Institute of Light Metals)

Tatsumasa Hidaka	12330	58 (2008) 58-64	2006A1092 2006B1239	BL47XU BL20XU	杉山 大吾 大垣 智巳	Three-Dimensional Observation of Ductile Fracture Process by Deflection Contrast Imaging in Cast Al-7%Si Alloys
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材料 (Journal of the Society of Materials Science, Japan)

Keisuke Tanaka	9127	54 (2005) 704-709	2004A0309	BL13XU	田中 啓介	Residual Stress Distribution in TiN Thin Films with Fiber Texture Measured by Grazing Incidence and Scattering Vector X-Ray Methods
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地質学雑誌 (The Journal of the Geological Society of Japan)

Kiichiro Kawamura	12255	114 (2008) 3-4	2007A1023	BL47XU	川村 喜一郎	Microfabric Analysis of the Surficial Layer of Deep Sea Sediments by Micro X-ray CT: An Example from the Nansei-shoto (Ryukyu) Trench
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日本法科学技術学会誌 (Japanese Journal of Forensic Science and Technology)

Eishi Aoki	12353	13 (2008) 25-36	2002B0693	BL08W	中井 泉	Fundamental Research for Forensic Characterization of Soil Samples by Using Instrumental Analysis
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日本マイクロ重力アプリケーション学会誌 (Journal of the Japan Society of Microgravity Application)

Tadahiko Masaki	9345	23 (2006) 2-7	2005A0153	BL04B2	正木 匡彦	Liquid Structure Analysis of High Temperature Molten Metals with the Use of Electrostatic Levitator
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Hirohito Tsue	12338	65 (2007) 1203-1212	2006A1260	BL02B2	田村 類	Crystal Structure Solution of Organic Compounds from X-ray Powder Diffraction Data
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博士論文

Takahiro Tanaka	12328	上智大学 (2008)	2007A1814	BL27SU	田中 隆宏	The Study of Core Excited Molecules using Superhigh Resolution Soft X-ray
			2006A1572	BL27SU	田中 隆宏	
			2005B0586	BL27SU	田中 隆宏	
			2004B0428	BL27SU	田中 隆宏	

課題以外の成果として登録された論文

Physical Review B

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	タイトル
Masaharu Matsunami	12390	77 (2008) 165126	理研	BL17SU	Electric Structure of Semiconducting CeFe ₄ P ₁₂ : Strong Hybridization and Relevance of Single-Impurity Anderson Model
Mattia Mulazzi	12593	77 (2008) 224425	理研	BL29XU	
Changyong Song	12615	75 (2007) 012102	理研	BL29XU	Temperature Dependence of the Exchange Stiffness in FePd(001) Thin Films: Deviation from the Empirical Law $A(T) \propto M^2_g$ at Intermediate Temperatures
					Phase Retrieval from Exactly Oversampled Diffraction Intensity through Deconvolution

Physical Review Letters

Yoshikazu Tanaka	12364	100 (2008) 145502	理研	BL17SU	Right Handed or Left Handed? Forbidden X-Ray Diffraction Reveals Chirality
Munetaka Taguchi	12467	100 (2008) 206401	理研	BL17SU	Revisiting the Valence-Band and Core-Level Photoemission Spectra of NiO
			理研	BL17SU	
			理研	BL29XU	
Huaidong Jiang	12478	100 (2008) 038103	理研	BL29XU	Nanoscale Imaging of Mineral Crystals inside Biological Composite Materials using X-ray Diffraction Microscopy

Journal of the Physical Society of Japan

Noriki Terada	12662	77 (2008) 054701	理論	BL19LXU	Field-Induced Incommensurate Lattice Modulations in the Delafossite CuFeO ₂
Yasuo Narumi	12663	77 (2008) 053711	理論	BL19LXU	Magnetization Process and the Associated Lattice Deformations in an Intermetallic Compound Gd ₅ Ge ₃

Proteins: Structure, Function, and Bioinformatics

Akio Ebihara	12424	71 (2008) 2097-2101	理研	BL26B2	Crystal Structure of Uncharacterized Protein TTHA1756 from <i>Thermus thermophilus</i> HB8: Structural Variety in UPF0150 Family Proteins
Minoru Hayashida	12547	71 (2008) 519-523	理研	BL44B2	Crystal Structure of <i>N</i> -Acylamino Acid Racemase from <i>Thermus thermophilus</i> HB8
			理研	BL45XU	

Surface Science

主著者	研究成果番号	雑誌情報	課題番号	ビームライン	タイトル
Akira Saito	12486	601 (2007) 5294-5299	理研	BL19LXU	Study for Noise Reduction in Synchrotron Radiation Based Scanning Tunneling Microscopy by Developing Insulator-Coat Tip
Toyohiko Kinoshita	12620	601 (2007) 4754-4757	理研	BL29XU	How is it Possible to Obtain Buried Interface Information through Very Thick Films using a Hard-X-ray PEEM?

Acta Crystallographica Section D

Katsumi Shimizu	12388	64 (2008) 444-453	理研	BL26B2	Structure of Peptidyl-tRNA Hydrolase 2 from <i>Pyrococcus horikoshii</i> OT3: Insight into the Functional Role of Its Dimeric State
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Acta Crystallographica Section F

Yukuhiko Asada	12371	64 (2008) 228-230	理研	BL26B1	Crystallization and Preliminary X-ray Crystallographic Analysis of Rabbit L-gulonate 3-dehydrogenase
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Applied Physics Letters

Hidekazu Mimura	12614	90 (2007) 051903	理研	BL29XU	Efficient Focusing of Hard X rays to 25 nm by a Total Reflection Mirror
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Biochemistry

Hiroshi Sugimoto	12393	47 (2008) 4017-4027	理研	BL44B2	Crystal Structure of CYP105A1 (P450SU-1) in Complex with 1 α ,25-Dihydroxyvitamin D ₃
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Biophysical Journal

Satoru Fujiwara	12526	94 (2008) 4880-4889	理研	BL45XU	Differences in Internal Dynamics of Actin under Different Structural States Detected by Neutron Scattering
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Invertebrate Neuroscience

Makoto Ihara	12532	8 (2008) 71-81	理研	BL44B2	Crystal Structures of <i>Lymnaea stagnalis</i> AChBP in Complex with Neonicotinoid Insecticides Imidacloprid and Clothianidin
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Cell Motility and the Cytoskeleton

Hiroyuki Iwamoto	12592	65 (2008) 563-571	理論		Theory of Diffraction from Eukaryotic Flagellar Axonemes
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Electrical Engineering in Japan

Yuden Teraoka	12552	164 (2008) 60-68	原研	BL23SU	Mechanisms of Concurrent SiO Desorption with Oxide Layer Formation at Si(001) Surface
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Journal of Electron Spectroscopy and Related Phenomena

Eiji Ikenaga	12621	156-158 (2007) 336-339	理研	BL29XU	Study of Adsorption States for Lubricant Molecule using Hard X-ray Photoemission Spectroscopy
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Journal of Magnetism and Magnetic Materials

Kenya Shimada	12622	310 (2007) e57-e58	理研	BL29XU	High-resolution Photoemission Study of the Hybridization Gap in the Kondo Semiconductor CeRhAs
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Journal of Molecular Biology

Neratur K. Lokanath	12373	375 (2008) 1013-1025	理研	BL26B1	Structures of Dimeric Nonstandard Nucleotide Triphosphate Pyrophosphatase from <i>Pyrococcus horikoshii</i> OT3: Functional Significance of Interprotomer Conformational Changes
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The Journal of Physical Chemistry C

Kousuke Moritani	12576	112 (2008) 8662-8667	原研	BL23SU	Reconstruction of Cu(111) Induced by a Hyperthermal Oxygen Molecular Beam
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Materials Transactions

Yohei Takahashi	9165	46 (2005) 637-642	原研	BL14B1	<i>In-situ</i> X-ray Diffraction of Corrosion Products Formed on Iron Surfaces
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Nano Letters

Andrei Nikulin	12613	7 (2007) 1246-1250	理研	BL29XU	3-D X-ray Diffraction Imaging with Nanoscale Resolution using Incoherent Radiation
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Physical Review A

Masaki Oura	12453	77 (2008) 054702	理研	BL17SU	Resonant Enhancement of Photoemission Leading to the Ne ⁺ [2p ²](¹ D)3p ² P State across the [1 _s 2 _p](³ P)3 _p ² 1P Double-Excitation Resonance of Ne
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Proceedings of the European Particle Accelerator Conference

Kouji Tsumaki	11190	(2006) 3362-3364	加速器		Next Generation Light Source Storage Ring at SPring-8
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表面科学 (Journal of the Surface Science Society of Japan)

Akira Saito	12534	28 (2007) 452-458	理研	BL19LXU	Nanoscale Surface Elemental Analysis by Synchrotron Radiation Based Scanning Tunneling Microscope
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