

(Published Papers)



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(Titles)	(Authors)	(Magazines)	(Vol.)	(No.)	(Pages)	(Year)	(Classif.)
Simple Method of Synthesizing Nickel-Nitrilotriacetic Acid Gold Nanoparticles with a Narrow Size Distribution for Protein Labeling	Toshiyuki Kitai Yuta Watanabe Yoko Y. Toyoshima Takuya Kobayashi Takashi Murayama Hiroyuki Sakaue Hitoshi Suzuki Takayuki Takahagi	Jpn. J. Appl. Phys.	50	9	095002 (4 pages)	2011	
Stress-induced microstructural changes and crystallite modulus of carbon fiber as measured by X-ray scattering	Kobayashi, T Sunriya, K Fujii, Y Fujie, M Takahagi, T Tashiro, K	CARBON	50	3	1163-1169	2012	
Structural heterogeneity and stress distribution in carbon fiber monofilament as revealed by synchrotron micro-beam X-ray scattering and micro-Raman spectral measurements	Kobayashi, T Sunriya, K Fukuba, Y Fujie, M Takahagi, T Tashiro, K	CARBON	49	5	1646-1652	2011	
Coexistence of bound and virtual-bound states in shallow-core to valence x-ray spectroscopies	Subhra Sen Gupta J. A. Bradley M W Haverkort G. T. Seidler A. Tanaka G. A. Sawatzky	Phys. Rev. B	84	7	075134(1-9)	2011	
FFLO state and exotic superconductors			96	5	501-524	2011	
Magnetic Field Induced Orbital Polarization in Cubic YbIrNi ₄ : Determining the Quartet Ground State Using X-Ray Linear Dichroism	T. Willers J. C. Cezar N. B. Brookes Z. Hu F. Strigari P. Köfner N. Hollmann D. Schmitz A. Bianchi, Z. Fisk A. Tanaka L. H. Tjeng A. Severing	Phys. Rev. Lett.	107	23	236402(1-5)	2011	
Orbital occupation and magnetism of tetrahedrally coordinated iron in CaBaFe ₄ O ₇	N. Hollmann M Valldor Hua Wu Z. Hu N. Qureshi T. Willers Y.-Y. Chin J. C. Cezar A. Tanaka N. B. Brookes L. H. Tjeng	Phys. Rev. B	83	18	180405R(1-4)	2011	
Orbital order in La _{0.55} Sr _{1.5} VO ₄ : Beyond a common local Jahn-Teller picture	H. Wu C. F. Chang O. Schumann Z. Hu J. C. Cezar T. Burnus N. Hollmann N. B. Brookes A. Tanaka, M Braden L. H. Tjeng D. I. Khomskii ¹	Phys. Rev. B	84	15	155126(1-5)	2011	
RKKY Ferromagnetism with Ising-Like Spin States in Intercalated Fe ₁₋₄ TaS ₂	K.-T. Ko Kyo Kim Sung Baek Kim H.-D. Kim J.-Y. Kim B. I. Min J.-H. Park F.-H. Chang H.-J. Lin A. Tanaka S.-W Cheong	Phys. Rev. Lett.	107	24	247201(1-5)	2011	

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Spectroscopic determination of crystal-field levels in CeRh ₂ Si ₂ and CeRu ₂ Si ₂ and of the 4f O contributions in CeM ₂ Si ₂ (M=Cu, Ru, Rh, Pd, and Au)	T. Willers D. T. Adroja B. D. Rainford Z. Hu N. Hollmann P. O. Köster Y.-Y. Chin D. Schmitz H. H. Hsieh H.-J. Lin C. T. Chen E. D. Bauer J. L. Sarrao K. J. McClellan D. Byler C. Geibel F. Steglich H. Aoki P. Lejay A. Tanaka L. H. Tjeng A. Severing	Phys. Rev. B	85	3	035117(1-8)	2012	
Three-dimensional spin orientation in antiferromagnetic domain walls of NiO studied by x-ray magnetic linear dichroism photoemission electron microscopy	K. Arai T. Okuda A. Tanaka M. Kotsugi K. Fukumoto T. Ohkochi T. Nakamura T. Matsushita T. Muro M. Oura Y. Senba H. Ohashi A. Kakizaki C. Mitsumata T. Kinoshita	Phys. Rev. B	85	10	104418 (1-12)	2012	
A Scheme for Calculating Atomic Structures beyond the Spherical Approximation	M. Myasita K. Higuchi M. Higuchi	J. Modern Phys.	2		421-430	2011	
Correction Method for obtaining the variationally best ground-state pair density	M. Higuchi K. Higuchi	Phys. Rev. A	84		044502(1-4)	2011	
Density Functional Approach for Calculating the Diagonal Elements of the Second-Order Reduced Density Matrix: Restrictive Conditions on the Kinetic Energy Functional	M. Higuchi K. Higuchi	J. Phys. Soc. Jpn.	80		SA122(1-3)	2011	
Exchange-Correlation Potentials of the CDFT in the Vorticity Expansion Approximation	K. Higuchi M. Higuchi	J. Phys. Soc. Jpn.	80		SA123(1-3)	2011	
Self-consistent calculations of the atomic electron affinity and ionization energy with taking effects of the nonspherical distribution of electrons into account	M. Myasita K. Higuchi M. Higuchi	J. Mod. Phys.	2		1161-1165	2011	
Angle-resolved ²⁷ Al NMR study on CeRu ₂ Al ₁₀ single crystal: Evidence of internal magnetic field and unusual spin orientation in the field-induced ordered phase	H. Tanida D. Tanaka Y. Nonaka M. Sera M. Matsumura T. Nishioka	Phys. Rev. B	84		233202(1-4)	2011	
Anomalous Magnetic Phase Diagram of CeRu ₂ Al ₁₀	D. Tanaka H. Tanida M. Sera T. Nishioka M. Matsumura	J. Phys. Soc. Jpn.	80	Suppl. A	SA042(1-3)	2011	
Behavior of the antiferroquadrupolar moments in the antiferromagnetic ordered phase of CeB ₆	T. Matsumura T. Yonemura K. Kunimori M. Sera F. Iga	J. Phys. Soc. Jpn.	80	Suppl. A	SA054(1-3)	2011	
Dissipation in Non-Kramers Doublet of PrMg ₃	K. Araki T. Goto K. Mitsumoto Y. Nemoto M. Akatsu H. S. Suzuki H. Tanida S. Takagi S. Yasin S. Zherlitsyn J. Wosnitza	J. Phys. Soc. Jpn.	81		023710(1-4)	2012	

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Electronic structure and localized lanthanide character of $\text{LnT}_2\text{Al}_{10}$ (T =Ru, Os)	H. Tanida D. Tanaka M Sera S. Tanimoto T. Nishioka M Matsumura M Ogawa C. Mriyoshi Y. Kuroiwa J. E. Kim N. Tsuji M Takata	Phys. Rev. B	84		115128(1-8)	2011	
Existence Region of Phase III' in CeB_6	K. Kunimori M Koari F. Funaki H. Tanida M Sera T. Matsumura F. Iga	J. Phys. Soc. Jpn.	80	Suppl.A	SA056(1-3)	2011	
Hall coefficient for $\text{CeRu}_2\text{Al}_{10}$ under pressure	Y. Kawamura Y. Ogane T. Nishioka M Matsumura D. Tanaka H. Tanida M Sera A. Kondo K. Matsubayashi Y. Uwatoko	J. Phys. Soc. Jpn.	80	Suppl. A	SA046(1-3)	2011	
High- field magnetization and magnetic phase transition in $\text{CeOs}_2\text{Al}_{10}$	A. Kondo J. Wang K. Kindo Y. Ogane Y. Kawamura S. Tanimoto T. Nishioka D. Tanaka H. Tanida M Sera	Phys. Rev. B	83		180415(1-4)	2011	
High-Field Magnetization and Magnetoresistance of $\text{CeRu}_2\text{Al}_{10}$	A. Kondo J. Wang K. Kondo Y. Ogane T. Takesaka Y. Kawamura T. Nishioka D. Tanaka H. Tanida M Sera	J. Phys. Soc. Jpn.	80		SA047(1-3)	2011	
Long Range Order in $\text{CeRu}_2\text{Al}_{10}$	H. Tanida D. Tanaka M Sera T. Nishioka M Matsumura	J. Phys. Soc. Jpn.	80	Suppl. A	SA023(1-3)	2011	
Magnetic Phase Diagram of $\text{Ce}_{1-x}\text{Gd}_x\text{Ru}_2\text{Al}_{10}$ single crystals	R. Kobayashi Y. Kawamura T. Nishioka H. kato M Matsumura K. Kodama H. Tanida M Sera K. Matsubayashi Y. Uwatoko	J. Phys. Soc. Jpn.	80	Suppl. A	SA044(1-3)	2011	
Motion of guest ions as precursor to first-order phase transition in the cage system GdB_6	K. Iwasa R. Igarashi K. Saito C. Lauthé T. Orihara S. Kunii K. Kuwahara H. Nakao Y. Murakami F. Iga M Sera S. Tsutsui H. Uchiyama A.Q. Baron	Phys. Rev. B	84		214308(1-6)	2011	

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Multipole effects of $f_{3/2}$ doublet - $f_{5/2}$ triplet state in PrMg_2	K. Araki Y. Nemoto M Akatsu S. Jumonji T. Goto H. S. Suzuki H. Tanida S. Takagi	Phys. Rev. B	84		045110(1-8)	2011	
Neutron scattering of the long-range ordered state in $\text{CeRu}_2\text{Al}_{10}$	J.-M Mignot J. Robert G. Andre M Bataille T. Nishioka R. Kobayashi M Matsumura H. Tanida D. Tanaka M Sera	J. Phys. Soc. Jpn.	80		SA022(1-3)	2011	
Possible Mass Enhancement by Multipole Fluctuations Excited via the Singlet-Triplet Crystal Electric Field States in $\text{PrOs}_4\text{Sb}_{12}$ Sb-NMR Studies Using a Single Crystal	H. Tou Y. Inaoka M Doi M Sera K. Asaki H. Kotegawa H. Sugawara H. Sato	J. Phys. Soc. Jpn.	80		074703(1-17)	2011	
Pressure effect of $\text{CeO}_{75}\text{LaO}_{25}\text{B}_6$	K. Kunimori H. Tanida T. Matsumura M Sera F. Iga	J. Phys. Soc. Jpn.	80	Suppl. A	SA055(1-3)	2011	
Reconciliation between NQR Spectrum and Long-Range Magnetic Order in $\text{CeRu}_2\text{Al}_{10}$	M Matsumura H. Tanida D. Tanaka H. kato T. Nishioka M Sera	J. Phys. Soc. Jpn.	80		085001(1-2)	2011	
Successive magnetic phase transitions of component orderings in DyB_4	T. Matsumura D. Okuyama T. Mouri Y. Murakami	J. Phys. Soc. Jpn.	80	7	074701(1-9)	2011	
Antiferroquadrupolar Ordering in a Pr-based Superconductor $\text{PrF}_2\text{Zr}_{10}$	T. Onimaru K. T. Matsumoto Y. F. Inoue K. Umoe T. Sakakibara Y. Karaki M Kubota T. Takabatake	Phys. Rev. Lett.	106	17	177001 (1-4)	2011	
Electronic structure of a narrow-gap semiconductor FeGa_3 investigated by photoemission and inverse photoemission spectroscopies	M Arita K. Shimada Y. Utsumi O. Mbrimoto H. Sato H. Namatame M Taniguchi Y. Hadano T. Takabatake	Phys. Rev. B	83	24	245116(1-5)	2011	
High thermoelectric performance of Cu substituted type-VIII clathrate $\text{Ba}_8\text{Ga}_{16-x}\text{Cu}_x\text{Sn}_30$ single crystals	S. Deng Y. Saiga K. Kajisa T. Takabatake	J. Appl. Phys.	109	10	103704(1-4)	2011	
High-Pressure Synthesis and Superconductivity of a New Binary Lanthanum Germanide LaGe_3 with Triangular Ge_3 Cluster Units	H. Fukuoka K. Suekuni T. Onimaru K. Inumaru	Inorg Chem	80	-	093601(1-4)	2011	
Magnetic and Transport Properties of $\text{ROs}_2\text{Al}_{10}$ (R=Pr, Nd, Sm and Gd)	Y. Muro J. Kajino T. Onimaru T. Takabatake	J. Phys. Soc. Jpn.	80		SA021(1-3)	2011	
Magnetic structure and its long-time variation in the multistep metamagnet CeIr_3Si_2	T. Mbyoshi K. Mitoya Y. Muro T. Takabatake	J. Phys. Soc. Jpn.	81	1	014704(1-7)	2011	
NMR evidence of freezing of rattling motion in $\text{LaIr}_2\text{Zn}_2\text{O}_{10}$ and $\text{LaRu}_2\text{Zn}_2\text{O}_{10}$	K. Asaki H. Kotegawa H. Tou T. Onimaru K. T. Matsumoto Y. F. Inoue T. Takabatake	J. Phys. Soc. Jpn.	81	2	023711(1-4)	2012	

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NMR studies of Ba8Ga16Sn3O clathrates	H. Tou K. Sonoda Y. Nishikawa H. Kotegawa H. Suekuni T. Onimaru T. Takabatake	J. Phys. Soc. Jpn.	80		SAC39(1-3)	2011	
Off-center rattling and thermoelectric properties of type-II clathrate (K, Ba) ₂₄ (Ga, Sn, Vac) ₁₃₆ single crystals	S. Mano T. Onimaru S. Yamanaka T. Takabatake	Phys. Rev. B	84	21	21410(1-6)	2011	
Optical study of charge instability in CeRu2Al10 in comparison with CeOs2Al10 and CeFe2Al10	S. Kimura T. Iizuka H. Miyazaki T. Hajiri M. Matsunami T. Mouri A. Irizawa Y. Muro J. Kajino T. Takabatake	Phys. Rev. B	84	16	165125(1-7)	2011	
Photoemission spectroscopy of AT4Sb12 (A = Ca, Sr, Ba; T = Fe, Ru)	H. Sato M. Higashi K. Yoshikawa E. Mitsuoka S. Narazu T. Takabatake M. Nakatake H. Namatame M. Taniguchi	J. Electron Spectrosc. Related Phenom.	184		196-198	2011	
Pressure effect on the anomalous phase transition in CeOs2Al10	K. Urneo T. Ohsuka Y. Muro J. Kajino T. Takabatake	J. Phys. Soc. Jpn.	80	6	064709(1-5)	2011	
Raman scattering study of lattice dynamics in caged compounds	N. Ogita T. Hasegawa M. Udagawa T. Onimaru F. Iga T. Takabatake H. Sugawara H. Sato	J. Phys. Soc. Jpn.	80		SAC37(1-3)	2011	
Structural and magnetic transitions in the crystalline approximant Cd6Sm	R. Tamura Y. Muro T. Hiroto H. Yaguchi G. Beutier T. Takabatake	Phys. Rev. B	85	1	014203(1-5)	2012	
Thermoelectric performance of Zn-substituted type-VIII clathrate Ba8Ga16Sn3O single crystals	B. Du Y. Saiga K. Kajisa T. Takabatake	J. Appl. Phys.	111	1	013707(1-5)	2012	
Antiferro-Quadrupolar Ordering at the Lowest Temperature and Anisotropic Magnetic Field-Temperature Phase Diagram in the Cage Compound PrIr2Zn20	I. Ishii H. Muneshige Y. Suetomi T. K. Fujita T. Onimaru K. T. Matsumoto T. Takabatake K. Araki M. Akatsu Y. Nemoto T. Goto T. Suzuki	J. Phys. Soc. Jpn.	80	-	093601(1-4)	2011	
Elastic properties of cage compound CeOs2Al10	I. Ishii Y. Suetomi H. Muneshige T. K. Fujita Y. Muro J. Kajino T. Takabatake T. Suzuki	J. Phys. Soc. Jpn.	80		SA045(1-3)	2011	
Emergence of elastic softening in Sr8Ga16Si3O-xGex with increasing Ge concentration	T. Suzuki C. Okada Y. Suetomi T.K. Fujita I. Ishii K. Suekuni M.A. Avila T. Takabatake	J. Phys. Soc. Jpn.	80		SAC34(1-3)	2011	

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Interplay between crystal electric field and magnetic exchange anisotropies in the heavy-fermion antiferromagnet YbRhSb under pressure	K. Umeko H. Yamane H. Kubo Y. Muro F. Nakamura T. Suzuki T. Takabatake K. Sengupta M.K. Forthaus M.M. Abd-Elmeguid	Phys. Rev. B	85	2	024412(1-7)	2012	
Lattice instability and elastic dispersion due to the rattling motion in the type-I clathrate Ba8Ga16Sn30	I. Ishii Y. Suetoni T. K. Fujita K. Suekuni T. Tanaka T. Takabatake T. Suzuki M.A. Avila	Phys. Rev. B	85	8	085101(1-7)	2012	
Magnetic field-temperature phase diagram of the ferro-quadrupolar state and crystal electric field effect in UCu2Sn	I. Ishii K. Katoh T. Takabatake S. Hashio A. Tamaki T. Suzuki	J. Phys. Soc. Jpn.	81	2	024602(1-5)	2012	
Elastic anomalies of TbB4 in pulsed high magnetic fields	T.K. Fujita M. Yoshizawa R. Kamaya H. Mitamura T. Sakakibara K. Kindo F. Iga I. Ishii T. Suzuki	J. Phys. Soc. Jpn.	80		SA084(3)	2011	
Ground state of (Pb0.94Sr0.06)(Zr0.530Ti0.47)O3 in the morphotropic phase boundary region: Evidence for a monoclinic Cc space group	R. S. Solanki A. K. Singh S. K. Mishra S. J. Kennedy T. Suzuki Y. Kuroiwa C. Mriyoshi D. Pandey	Physical ReviewB	84		144116(11)	2011	
A conventional positron source for international linear collider	Tsunehiko Omori Tohru Takahashi Sabine Riemann Wei Gai Jie Gao Shin-ichi Kawada Wanning Liu Natsuki Okuda Guoxi Pei Junji Urakawa Andriy Ushakov	Nuclear Instruments and Methods in Physics Research A	17	2	76-79	2011	
Interferometric weak measurement of photon polarization	Masataka Inuma Yutaro Suzuki Gen Taguchi Yutaka Kadoya Holger F. Hofmann	AIP conference proceedings	1363		145-148	2011	
Measurement of inclusive pi(0) production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam	C. Mriani, et. al. (K2K collaboration)	Physical ReviewD	83		54023	2011	
Positron sources using channeling: A promising device for linear colliders	X. Artru I. Chaikovska R. Chehab M. Chevallier O. Daboun K. Furukawa T. Kamitani T. Omori G. Pei F. Poirier L. Rinaldi M. Satch V. M. Strakhovenko T. Sugimura T. Suwada T. Takahashi K. Umemori J. Urakawa A. Variola A. Vivoli C. Xu	Nuovo Cimento C	34	4	141-148	2011	

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Production of gamma rays by pulsed laser beam Compton scattering off GeV- electrons using a non-planar four-mirror optical cavity	T. Akagi S. Araki J. Bonis I. Chaikovska R. Chiche R. Cizeron M. Cohen E. Cormier P. Cornebise N. Delerue R. Flaminio S. Funahashi D. Jehanno Y. Honda F. Labaye M. Lacroix R. Marie C. Michel S. Miyoshi S. Nagata T. Omori Y. Peinaud L. Pinard H. Shimizu V. Soskov T. Takahashi R. Tanaka T. Terunuma J. Urakawa A. Variola F. Zorner	Journal of Instrumentation	7	1	P01021	2011	
Development of a monoenergetic ultraslow antiproton beam source for high-precision investigation	N. Kuroda H. A. Torii Y. Nagata M. Shibata Y. Enomoto H. Imao Y. Kanai M. Hori H. Saitoh H. Higaki A. Mihri K. Fujii C. H. Kim Y. Matsuda K. Michishio Y. Nagashima M. Ohtsuka K. Tanaka Y. Yamazaki	Phys. Rev. ST Accel. Beams	15	2	024702(1-10)	2012	
Non-neutral plasma traps for accelerator-free experiments on space-charge-dominated beam dynamics	H. Okamoto H. Higaki K. Ito	Proc. 2011 Particle Accelerator Conf.			46- 50	2011	
Recent status of beam cooling and related research at S-LSR	A. Noda M. Nakao H. Souda H. Tongu T. Fujimoto S. Ivata S. Shibuya K. Ito H. Okamoto K. Jimbo M. Grieser K. Noda T. Shirai	Proc. 2nd International Particle Accelerator Conf.			3436- 3438	2011	
Recent status of beam cooling at S-LSR	A. Noda M. Nakao H. Souda H. Tongu K. Jimbo T. Fujimoto S. Ivata S. Shibuya K. Noda T. Shirai H. Okamoto I. N. Meshkov A. V. Srimov E. Syresin M. Grieser	Proc. International Workshop on Beam Cooling and Related Topics			19- 24	2011	
Analysis of Quantum Efficiency Spectrum of NEA-GaAs Photo-cathode	Y. Masumoto H. Iijima M. Kuriki	Proc. Of International Conference of Particle Accelerator(IPAC2011)			THPC117	2011	

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Recent Development of Low-emittance Electron Gun for Accelerator	Masao KURIKI	J. Vac. Soc. Jpn.	55	2	29-36	2011	
RF Processing of L-band RF Gun for KEK-STF	M. Kuriki H. Iijima Y. Masumoto H. Hayano H. Sugiyama J. Urakawa G. Isoyama R. Kato S. Kashivagi Y. Takahashi	Proc. Of International Conference of Particle Accelerator(IPAC2011)			MDPC014	2011	
Status of 500kV DC Gun at JAEA	N. Nishimori R. Nagai H. Iijima R. Hajima Y. Honda T. Muto M. Kuriki M. Yamamoto S. Okumi T. Nakanishi	ERL2011				2011	
Surface analysis of a Degraded NEA- GaAs Photo-cathode by Temperature Programmed Desorption Technique	H. Iijima M. Kuruki Y. Masumoto	Proc. Of International Conference of Particle Accelerator(IPAC2011)			THPC116	2011	
A Comparative Study of Structural Changes in NH ₃ BH ₃ , LiNH ₂ BH ₃ , and KNH ₂ BH ₃ During Dehydrogenation Process "	Keiji Shimoda Koichi Doi Tessui Nakagawa Yu Zhang Hiroki Myaoka Takayuki Ichikawa Masataka Tansho Tadashi Shimizu Anthony Burrell Yoshitsugu Kojima	The Journal of Physical Chemistry C	116	9	5957-5964	2012	
Ammonia Desorption Property and Structural Changes of LiAl(NH ₂) ₄ on Thermal Decomposition	Taisuke Ono Keiji Shimoda Masami Tsubota Shinji Kohara Takayuki Ichikawa Ken-Ichi Kojima Masataka Tansho Tadashi Shimizu Yoshitsugu Kojima	Journal of Physical Chemistry C	115	20	10284-10291	2011	
Compressed Hydrogen Production via Reaction between Liquid Ammonia and Alkali Metal Hydride	Hiroki Myaoka Takayuki Ichikawa Satoshi Hino Yoshitsugu Kojima	International Journal of Hydrogen Energy	36	14	8217-8220	2011	
Correlation between kinetics and chemical bonding state of catalyst surface in catalyzed magnesium hydride	Tao Ma Shigehito Isobe Eri Morita Yongming Wang Naoyuki Hashimoto Sorrei Ohnuki Toru Kimura Takayuki Ichikawa Yoshitsugu Kojima	International Journal of Hydrogen Energy	36	19	12319-12323	2011	
Electrochemical charge and discharge properties for the formation of magnesium and aluminum hydrides	N. Hanada A. Kamura H. Suzuki K. Takai T. Ichikawa Y. Kojima	Journal of Alloys and Compounds	509S		S584-S587	2011	
Identifying catalyst in Li-N-H system by x-ray absorption spectroscopy	Shigehito Isobe Satoshi Hino Takayuki Ichikawa Yoshitsugu Kojima	Applied Physics Letters	99	1	013101	2011	
Improvement of hydrogen desorption kinetics in the LiH-NH ₃ system by addition of KH	Yun-Lei Teng Takayuki Ichikawa Hiroki Myaoka Yoshitsugu Kojima	Chemical Communications	47		12227-12229	2011	
Improvement of Hydrogenation and Dehydrogenation Kinetics on MgH ₂ by the Catalytic Effect of ZrO ₂	Liang Zeng Toru Kimura Satoshi Hino Hiroki Myaoka Takayuki Ichikawa Yoshitsugu Kojima	Applied Mechanics and Materials	117-119		1195-1198	2012	
Investigations on the thermal behaviour of [Ni(NH ₃ (6))(NO ₃ (2) and [Ni(en)(3)](NO ₃ (2) using TG-MS and TR-XRD under inert condition	Rejitha, K. S. Ichikawa, T Mathew S.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	107	3	887-892	2012	
Liquid ammonia electrolysis by platinum electrodes	B.-X. Dong T. Ichikawa N. Hanada S. Hino Y. Kojima	Journal of Alloys and Compounds	509S		S891-S894	2011	

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Variable Temperature Neutron Diffraction Studies of Single Crystals of LiND2	Shigehito Isobe Sorei Ohnuki William I. F. David Matthias Gutmann Martin O. Jones Peter P. Edwards Takayuki Ichikawa Yoshitsugu Kojima	International Journal of Hydrogen Energy	36	13	7909-7913	2011	

B. (Dept. of Molecular Biotechnology)

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Biocontrol of <i>Ralstonia solanacearum</i> by treatment with lytic bacteriophages	A. Fujiwara M. Fujisawa R. Hamasaki T. Kawasaki M. Fujie T. Yamada	Appl. Environ. Microbiol.	77	12	4155-4162	2011	
Giant viruses in the environment: their origins and evolution	T. Yamada	Curr. Opin. Virol.	1	1	58-62	2011	
The filamentous phage fRSS1 enhances virulence of phytopathogenic <i>Ralstonia solanacearum</i> on tomato	H.S. Adly A. Askora T. Kawasaki M. Fujie T. Yamada	Phytopathology	102	3	244-251	2012	
The GC-rich mitochondrial and plastid genomes of the green alga <i>Coccomyxa</i> give insight into the evolution of organelle DNA nucleotide landscape.	D.R. Smith F. Burki T. Yamada I.V. Grigoriev J.L. Van Etten P.J. Keeling	PLoS ONE	6	8	e23624	2011	
Autoimmunity and liver transplantation immunology	S. Goto T. Nakano L. W. Hsu K.C. Chiang C.Y. Lai S. Kawamoto K. Ono K. D. Chen N. Ohmori T. Goto S. Sato C. C. Wang B. Javan F. Y. Cheng C. L. Chen	Curr. Trends Immunol.	12		1-11	2011	
Different consequences of reactions with hydrogen peroxide and t-butyl hydroperoxide in the hyperoxidative inactivation of rat peroxiredoxin-4	Ikedo Y Nakano M Ihara H Ito R Taniguchi N Fujii J	Journal of Biochemistry	149	4	443-453	2011	
Eosinophil-derived leukotriene C4 signals via type 2 cysteinyl leukotriene receptor to promote skin fibrosis in a mouse model of atopic dermatitis	M. K. Oyoshi R. He Y. Kanaoka A. Elkhali S. Kawamoto C. N. Lewis K. F. Austen R. S. Geha	Proc. Natl. Acad. Sci. USA	109	13	4992-4997	2012	
Identification of glycan structure alterations on cell membrane proteins in desoxyepithelone B resistant leukemia cells	Nakano M Saldanha R Gobel A Kavallaris M Packer N	Molecular & Cellular Proteomics	10	11		2011	
TSLP			56	5	473-477	2011	
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Detection of antigen-antibody reaction using Si ring optical resonators functionalized with an immobilized antibody-binding protein	M. Fukuyama M. Nishida Y. Abe Y. Aramriya T. Ikeda A. Kuroda S. Yokoyama	Jpn. J. Appl. Phys.	50	4	04DL07 (1-3)	2011	
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Isolation, structural elucidation, and biosynthesis of 15-norankamycin derivatives produced by a type-II thioesterase disruptant of Streptomyces rochei	Kenji Arakawa Zhisheng Cao Natsumi Suzuki Haruyasu Kinashi	Tetrahedron	67	29	5199-5205	2011	
pSLA2-M of Streptomyces rochei is a composite linear plasmid characterized by self-defense genes and homology with pSLA2-L	Yingjie Yang Toru Kurokawa Yoshifumi Takahama Yosi Nindita Susumu Mochizuki Kenji Arakawa Satoru Endo Haruyasu Kinashi	Biosci. Biotechnol. Biochem	75	6	1147-1153	2011	

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Characterization of Resistance-Switching of Si Oxide Dielectrics Prepared by RF Sputtering	Akio.OHTA Yuta.GOTO Shingo.NISHIGAKI Guobin.WEI Hideki.MURAKAMI Seiichiro.HIGASHI Seiichi.MYAZAKI	2011 Asia-Pacific Workshop on Fundamentals and Applications of Advanced Semiconductor Devices(AWAD2011)			1A-10pp41-46	2011	
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