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論文タイトル	著者名	雑誌名	使用 BL	被引用数
The Selective Autophagy Substrate P62 Activates the Stress Responsive Transcription Factor Nrf2 through Inactivation of Keap1	M.Komatsu, H.Kurokawa, S.Waguri, K.Taguchi, A.Kobayashi, Y.Ichimura, Y.-S. Sou, I.Ueno, A.Sakamoto, K.I.Tong, M.Kim, Y.Nishito, S.Iemura, T.Natsume, T.Ueno, E.Kominami, H.Motohashi, K.Tanaka and M.Yamamoto	Nature Cell Biology	NW12A	1319
Self-Assembled $M_{24}L_{48}$ Polyhedra and their Sharp Structural Switch upon Subtle Ligand Variation	Q.-F.Sun, J.Iwasa, D.Ogawa, Y.Ishido, S.Sato, T.Ozeki, Y.Sei, K.Yamaguchi and M.Fujita	Science	NW2A	532
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Effect of Electronic Structures of Au Clusters Stabilized by Poly(<i>N</i> -Vinyl-2-Pyrrolidone) on Aerobic Oxidation Catalysis	H.Tsunoyama, N.Ichikuni, H.Sakurai and T.Tsukuda	Journal of the American Chemical Society	12C	520
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Mineralogy and Petrology of Comet 81P/Wild 2 Nucleus Samples	M.E.Zolensky et al. (Nakamura T. 36th/75 authors)	Science	3A	485
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Crystal Structure of the DsbB-DsbA Complex Reveals a Mechanism of Disulfide Bond Generation	K.Inaba, S.Murakami, M.Suzuki, A.Nakagawa, E.Yamashita, K.Okada and K.Ito	Cell	NW12A	188
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Crystal Structure of Thymine DNA Glycosylase Conjugated to SUMO-1	D.Baba, N.Maita, J.G.Jee, Y.Uchimura, H.Saitoh, K.Sugasawa, F.Hanaoka, H.Tochio, H.Hiroaki and M.Shirakawa	Nature	6A	176
Guest-Dependent Negative Thermal Expansion in Nanoporous Prussian Blue Analogues $M^I Pt^{IV}(CN)_6 \cdot x\{H_2O\}$ ($0 \leq x \leq$ 2 ; $M = Zn, Cd$)	A.L.Goodwin, K.W.Chapman and C.J.Keper	Journal of the American Chemical Society	20B	175
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Understanding the Phase-Change Mechanism of Rewritable Optical Media	A.V.Kolobov, P.Fons, A.Frenkel, A.L.Ankudinov, J.Tominaga and T.Uruga	Nature Materials	12C	1058
Arsenic Behavior in Paddy Fields during the Cycle of Flooded and Non-Flooded Periods	Y.Takahashi, R.Minamikawa, K.H.Hattori, K.Kurishima, N.Kihou and K.Yuita	Environmental Science & Technology	12C	371
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Highly Efficient Water Splitting into H ₂ and O ₂ over Lanthanum-Doped NaTaO ₃ Photocatalysts with High Crystallinity and Surface Nanostructure	H.Kato, K.Asakura and A.Kudo	Journal of the American Chemical Society	9A	1396
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Resonant Inelastic X-Ray Scattering Spectra for Electrons in Solids	A.Kotani and S.Shin	Reviews of Modern Physics	19B, 2C	627
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Three-Dimensional Structures of the Ligand-Binding Domain of the Bacterial Aspartate Receptor with and without a Ligand	M.V.Milburn, G.G.Privé, D.L.Milligan, W.G.Scott, J.Yeh, J.Jancarik, D.E.Koshland Jr. and S.-H.Kim	Science	6A2	364
X-Ray Diffraction Data Collection System for Modern Protein Crystallography with a Weissenberg Camera and an ImagingPlate Using Sychrotron Radiation	N.Sakabe	Nuclear Instruments & Methods in Physics Research Section A	6A2	317
Structural Analysis of Polymer-Protected Pd/Pt Bimetallic Clusters as Dispersed Catalysts by Using Extended X-Ray Absorption Fine Structure Spectroscopy	N.Toshima, M.Harada, T.Yonezawa, K.Kushihashi and K.Asakura	Journal of Physical Chemistry	10B	295
Universal Passivation Effect of (NH ₄) ₂ S _x Treatment on the Surface of III-V Compound Semiconductors	H.Oigawa, J.Fan, Y.Nannichi, H.Sugahara and M.Oshima	Japanese Journal of Applied Physics	1A	225
Crystal Structures at 2.2 Å Resolution of the Catalytic Domains of Normal <i>ras</i> Protein and an Oncogenic Mutant Complexed with GDP	L.Tong, A.M.deVos, M.V.Milburn and S.-H. Kim	Journal of Molecular Biology	6A2	211
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Reaction of Nitric Oxide with Metal-Loaded Carbon in the Presence of Oxygen	H.Yamashita, H.Yamada and A.Tomita	Applied Catalysis	10B	134
Refined Crystal Structure of the Complex of Subtilisin BPN' and <i>Streptomyces</i> Subtilisin Inhibitor at 1.8 Å	Y.Takeuchi, Y.Satow, K.T.Nakamura and Y.Mitsui	Journal of Molecular Biology	6A2	125
Synchrotron Radiation Photoemission Analysis for (NH ₄) ₂ S _x Treated GaAs	H.Sugahara, M.Oshima, H.Oigawa, H.Shigekawa and Y.Nannichi	Journal of Applied Physics	1A	118
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Three-dimensional Structure of Ribonuclease H from <i>E.coli</i>	K.Katayanagi, M.Miyagawa, M.Matsushima, M.Ishikawa, S.Kanaya, M.Ikehara, T.Matsuzaki and K.Morikawa	Nature	6A2	304
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Crystal Structure of an Active Form of RAS Protein, a Complex of a GTP Analog and the HRAS p21 Catalytic Domain	A.T.Brünger, M.V.Milburn, L.Tong, A.M.DeVos, J.Jancarik, Z.Yamaizumi, S.Nishimura, E.Ohtsuka and S.-H.Kim	Proceedings of the National Academy of Sciences, USA	6A2	96
Characterization of NaY-Entrapped $Rh_6(CO)_{16}$ Cluster by FTIR and EXAFS Spectroscopies and the Catalytic Behavior in ^{13}CO Isotopic Exchange Reaction	L-F.Rao, A.Fukuoka, N.Kosugi, H.Kuroda and M.Ichikawa	Journal of Physical Chemistry	10B	94
X-Ray Absorption Spectra of Poly-p-Phenylenes and Polyacenes: Localization of π^* Orbitals	T.Yokoyama, K.Seki, I.Morisada, K.Edamatsu and T.Ohta	Physica Scripta	11A	94
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Cu K-Edge X-Ray Absorption Near-Edge Structure and Electronic Structure of $Nd_{2-x}Ce_xKCuO_{4-y}$ and $La_{2-x}Sr_xCuO_4$	N.Kosugi, Y.Tokura, H.Takagi and S.Uchida	Physical Review B	10B	87
Bimetallic Promotion of Alcohol Production in CO Hydrogenation and Olefin Hydroformylation on RhFe, PtFe, PdFe, and IrFe Cluster-Derived Catalysts	A.Fukuoka, T.Kimura, N.Kosugi, H.Kuroda, Y.Minai, Y.Sakai, T.Tominaga and M.Ichikawa	Journal of Catalysis	10B	81
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Study on the Size and Shape of CuCl Microcrystals Embedded in Alkali-Chloride Matrices and Their Correlation with Exciton Confinement	T.Itoh, Y.Iwabuchi and M.Kataoka	Physica Status Solidi B	10C	192
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Novel Approach for Structural Analysis by X-Ray Raman Scattering	K.Tohji and Y.Udagawa	Physical Review B	10C	54
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Fluorescence-Detected X-Ray Absorption Spectroscopy Applied to Structural Characterization of Very Thin Films; Ion-Beam Induced Modification of Thin Ni Layers on Si(100)	H.Oyanagi, T.Matsushita, H.Tanoue, T.Ishiguro and K.Kohra	Japanese Journal of Applied Physics	10C	43
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