

< 学術論文 >

1695. Hatano, H., Nishiyama, S., Kurita, M., Kanai, S., Nakajima, Y., Nagata, T., Tamura, M., Kandori, R., Kato, D., Sato, Y., Yoshikawa, T., Suenaga, T., and Sato, S.
The Efficiency and Wavelength Dependence of Near-infrared Interstellar Polarization toward the Galactic Center.
AJ, 145, 105, 04 / 2013.
1696. Walsh, C., Millar, T. J., and Nomura, H.
Molecular Line Emission from a Protoplanetary Disk Irradiated Externally by a Nearby Massive Star.
ApJ, 766, L23, 04 / 2013.
1697. Follette, K. B., Tamura, M., Hashimoto, J., Whitney, B., Grady, C., Close, L., Andrews, S. M., Kwon, J., Wisniewski, J., Brandt, T. D., Mayama, S., Kandori, R., Dong, R., Abe, L., Brandner, W., Carson, J., Currie, T., Egner, S. E., Feldt, M., Goto, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K., Ishii, M., Iye, M., Janson, M., Knapp, G. R., Kudo, T., Kusakabe, N., Kuzuhara, M., McElwain, M. W., Matsuo, T., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suto, H., Suzuki, R., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., and Usuda, T.
Mapping H-band Scattered Light Emission in the Mysterious SR21 Transitional Disk.
ApJ, 767, 10, 04 / 2013.
1698. Yamada, S., Negoro, H., Torii, S., Noda, H., Mineshige, S., and Makishima, K.
Rapid Spectral Changes of Cygnus X-1 in the Low/Hard State with Suzaku.
ApJ, 767, L34, 04 / 2013.
1699. Yamada, S., Torii, S., Mineshige, S., Ueda, Y., Kubota, A., Gandhi, P., Done, C., Noda, H., Yoshikawa, A., and Makishima, K.
Highly Ionized Fe-K Absorption Line from Cygnus X-1 in the High/Soft State Observed with Suzaku.
ApJ, 767, L35, 04 / 2013.
1700. Sakimoto, K., Uemura, M., Sasada, M., Kawabata, K. S., Fukazawa, Y., Yamanaka, M., Itoh, R., Ohsugi, T., Yoshida, M., Akitaya, H., Sato, S., and Kino, M.
Photopolarimetric Monitoring of the Blazar BL Lac in the Optical and Near-Infrared Bands: Decay of the Long-Lived Component.
PASJ, 65, 35, 04 / 2013.
1701. Yoshida, T., Isobe, N., Mineshige, S., Kubota, A., Mizuno, T., and Saitou, K.
Two Power-Law States of the Ultraluminous X-Ray Source IC 342 X-1.

- PASJ, 65, 48, 04 / 2013.
1702. Ricci, C., Paltani, S., Awaki, H., Petrucci, P.-O., Ueda, Y., and Brightman, M.
 Luminosity-dependent unification of active galactic nuclei and the X-ray Baldwin effect.
A&A, 553, A29, 05 / 2013.
1703. Kajisawa, M., Shioya, Y., Aida, Y., Ideue, Y., Taniguchi, Y., Nagao, T., Murayama, T.,
 Matsubayashi, K., and Riguccini, L.
 Environmental Effects on Star Formation Activity at $z \sim 0.9$ in the COSMOS Field.
ApJ, 768, 51, 05 / 2013.
1704. Dent, W. R. F., Thi, W. F., Kamp, I., Williams, J. P., Menard, F., Andrews, S.,
 Ardila, D., Aresu, G., Augereau, J.-C., Barrado y Navascues, D., Brittain, S., Carmona, A.,
 Ciardi, D., Danchi, W., Donaldson, J., Duchene, G., Eiroa, C., Fedele, D., Grady, C., de
 Gregorio-Molsalvo, I., Howard, C., Huélamo, N., Krivov, A., Lebreton, J., Liseau, R.,
 Martin-Zaidi, C., Mathews, G., Meeus, G., Mendigutía, I., Montesinos, B., Morales-
 Calderon, M., Mora, A., Nomura, H., Pantin, E., Pascucci, I., Phillips, N., Pinte, C.,
 Podio, L., Ramsay, S. K., Riaz, B., Riviere-Marichalar, P., Roberge, A., Sandell, G.,
 Solano, E., Tilling, I., Torrelles, J. M., Vandenbusche, B., Vicente, S., White, G. J., and
 Woitke, P.
 GASPS - A Herschel Survey of Gas and Dust in Protoplanetary Disks: Summary and
 Initial Statistics.
PASP, 125, 477–505, 05 / 2013.
1705. Zemko, P. O. and Kato, T.
 Estimates of the radius of the accretion disk of the dwarf nova Pegasi 2010.
Astrophysics, 56, 203–213, 06 / 2013.
1706. Hatsukade, B., Ohta, K., Seko, A., Yabe, K., and Akiyama, M.
 Faint End of 1.3 mm Number Counts Revealed by ALMA.
ApJ, 769, L27, 06 / 2013.
1707. Nishiyama, S., Yasui, K., Nagata, T., Yoshikawa, T., Uchiyama, H., Schödel, R.,
 Hatano, H., Sato, S., Sugitani, K., Suenaga, T., Kwon, J., and Tamura, M.
 Magnetically Confined Interstellar Hot Plasma in the Nuclear Bulge of Our Galaxy.
ApJ, 769, L28, 06 / 2013.
1708. Fukui, A., Narita, N., Kurosaki, K., Ikoma, M., Yanagisawa, K., Kuroda, D.,
 Shimizu, Y., Takahashi, Y. H., Ohnuki, H., Onitsuka, M., Hirano, T., Suenaga, T.,
 Kawauchi, K., Nagayama, S., Ohta, K., Yoshida, M., Kawai, N., and Izumiura, H.
 Optical-to-near-infrared Simultaneous Observations for the Hot Uranus GJ3470b: A Hint
 of a Cloud-free Atmosphere.
ApJ, 770, 95, 06 / 2013.
1709. Kawamuro, T., Ueda, Y., Tazaki, F., and Terashima, Y.

- Broadband X-Ray Spectra of Two Low-luminosity Active Galactic Nuclei NGC 1566 and NGC 4941 Observed with Suzaku.
ApJ, 770, 157, 06 / 2013.
1710. Osaki, Y. and Kato, T.
The Cause of the Superoutburst in SU UMa Stars is Finally Revealed by Kepler Light Curve of V1504 Cygni.
PASJ, 65, 50, 06 / 2013.
1711. Zemko, P., Kato, T., and Shugarov, S. Y.
Detection of Change in Supercycles in ER Ursae Majoris.
PASJ, 65, 54, 06 / 2013.
1712. Sugizaki, M., Yamaoka, K., Matsuoka, M., Kennea, J. A., Mihara, T., Hiroi, K., Ishikawa, M., Isobe, N., Kawai, N., Kimura, M., Kitayama, H., Kohama, M., Matsumura, T., Morii, M., Nakagawa, Y. E., Nakahira, S., Nakajima, M., Negoro, H., Serino, M., Shidatsu, M., Sootome, T., Sugimori, K., Suwa, F., Toizumi, T., Tomida, H., Tsuboi, Y., Tsunemi, H., Ueda, Y., Ueno, S., Usui, R., Yamamoto, T., Yamauchi, M., Yamazaki, K., and Yoshida, A.
Spectral Evolution of a New X-Ray Transient MAXI J0556-332 Observed by MAXI, Swift, and RXTE.
PASJ, 65, 58, 06 / 2013.
1713. Matsuoka, K., Silverman, J. D., Schramm, M., Steinhardt, C. L., Nagao, T., Kartaltepe, J., Sanders, D. B., Treister, E., Hasinger, G., Akiyama, M., Ohta, K., Ueda, Y., Bongiorno, A., Brandt, W. N., Brusa, M., Capak, P., Civano, F., Comastri, A., Elvis, M., Lilly, S. J., Mainieri, V., Masters, D., Mignoli, M., Salvato, M., Trump, J. R., Taniguchi, Y., Zamorani, G., Alexander, D. M., and Schawinski, K.
A Comparative Analysis of Virial Black Hole Mass Estimates of Moderate-luminosity Active Galactic Nuclei Using Subaru/FMOS.
ApJ, 771, 64, 07 / 2013.
1714. Tazaki, F., Ueda, Y., Terashima, Y., Mushotzky, R. F., and Tombesi, F.
Suzaku View of the Swift/BAT Active Galactic Nuclei. V. Torus Structure of Two Luminous Radio-loud Active Galactic Nuclei (3C 206 and PKS 0707-35).
ApJ, 772, 38, 07 / 2013.
1715. Takami, M., Karr, J. L., Hashimoto, J., Kim, H., Wisniewski, J., Henning, T., Grady, C. A., Kandori, R., Hodapp, K. W., Kudo, T., Kusakabe, N., Chou, M.-Y., Itoh, Y., Momose, M., Mayama, S., Currie, T., Follette, K. B., Kwon, J., Abe, L., Brandner, W., Brandt, T. D., Carson, J., Egner, S. E., Feldt, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Ishii, M., Iye, M., Janson, M., Knapp, G. R., Kuzuhara, M., McElwain, M. W., Matsuo, T., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T.-S., Ser-

- abyn, E., Suto, H., Suzuki, R., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M. High-contrast Near-infrared Imaging Polarimetry of the Protoplanetary Disk around RY TAU.
ApJ, 772, 145, 08 / 2013.
1716. Gandhi, P., Terashima, Y., Yamada, S., Mushotzky, R. F., Ueda, Y., Baumgartner, W. H., Alexander, D. M., Malzac, J., Vaghmare, K., Takahashi, T., and Done, C. Reflection-dominated Nuclear X-Ray Emission in the Early-type Galaxy ESO 565-G019.
ApJ, 773, 51, 08 / 2013.
1717. Janson, M., Brandt, T. D., Moro-Martín, A., Usuda, T., Thalmann, C., Carson, J. C., Goto, M., Currie, T., McElwain, M. W., Itoh, Y., Fukagawa, M., Crepp, J., Kuzuhara, M., Hashimoto, J., Kudo, T., Kusakabe, N., Abe, L., Brandner, W., Egner, S., Feldt, M., Grady, C. A., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Kandori, R., Knapp, G. R., Kwon, J., Matsuo, T., Miyama, S., Morino, J.-I., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E. L., Watanabe, M., Wisniewski, J., Yamada, T., Takami, H., and Tamura, M. The SEEDS Direct Imaging Survey for Planets and Scattered Dust Emission in Debris Disk Systems.
ApJ, 773, 73, 08 / 2013.
1718. Asai, K., Matsuoka, M., Mihara, T., Sugizaki, M., Serino, M., Nakahira, S., Negoro, H., Ueda, Y., and Yamaoka, K. A Propeller-effect Interpretation of MAXI/GSC Light Curves of 4U 1608-52 and Aql X-1 and Application to XTE J1701-462.
ApJ, 773, 117, 08 / 2013.
1719. Hiroi, K., Ueda, Y., Hayashida, M., Shidatsu, M., Sato, R., Kawamuro, T., Sugizaki, M., Nakahira, S., Serino, M., Kawai, N., Matsuoka, M., Mihara, T., Morii, M., Nakajima, M., Negoro, H., Sakamoto, T., Tomida, H., Tsuboi, Y., Tsunemi, H., Ueno, S., Yamaoka, K., Yoshida, A., Asada, M., Eguchi, S., Hanayama, T., Higa, M., Ishikawa, K., Ishikawa, M., Isobe, N., Kohama, M., Kimura, M., Morihana, K., Nakagawa, Y. E., Nakano, Y., Nishimura, Y., Ogawa, Y., Sasaki, M., Sugimoto, J., Takagi, T., Usui, R., Yamamoto, T., Yamauchi, M., and Yoshidome, K. The 37 Month MAXI/GSC Source Catalog of the High Galactic-Latitude Sky.
ApJS, 207, 36, 08 / 2013.
1720. Brightman, M., Silverman, J. D., Mainieri, V., Ueda, Y., Schramm, M., Matsuoka, K., Nagao, T., Steinhardt, C., Kartaltepe, J., Sanders, D. B., Treister, E., Shemmer, O., Brandt, W. N., Brusa, M., Comastri, A., Ho, L. C., Lanzuisi, G., Lusso, E., Nandra, K.,

- Salvato, M., Zamorani, G., Akiyama, M., Alexander, D. M., Bongiorno, A., Capak, P., Civano, F., Del Moro, A., Doi, A., Elvis, M., Hasinger, G., Laird, E. S., Masters, D., Mignoli, M., Ohta, K., Schawinski, K., and Taniguchi, Y.
A statistical relation between the X-ray spectral index and Eddington ratio of active galactic nuclei in deep surveys.
MNRAS, 433, 2485–2496, 08 / 2013.
1721. Kato, T. and Maehara, H.
Analysis of a Kepler Light Curve of the Novalike Cataclysmic Variable KIC 8751494.
PASJ, 65, 76, 08 / 2013.
1722. Hayasaki, K., Saito, H., and Mineshige, S.
Binary Black Hole Accretion Flows From a Misaligned Circumbinary Disk.
PASJ, 65, 86, 08 / 2013.
1723. Takeuchi, S., Ohsuga, K., and Mineshige, S.
Clumpy Outflows from Supercritical Accretion Flow.
PASJ, 65, 88, 08 / 2013.
1724. Yamamoto, K., Matsuo, T., Shibai, H., Itoh, Y., Konishi, M., Sudo, J., Tanii, R., Fukagawa, M., Sumi, T., Kudo, T., Hashimoto, J., Kusakabe, N., Abe, L., Brandner, W., Brandt, T. D., Carson, J., Currie, T., Egner, S. E., Feldt, M., Goto, M., Grady, C., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kuzuhara, M., Kwon, J., McElwain, M., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishikawa, J., Nishimura, T., Pyo, T.-S., Serabyn, E., Suto, H., Suzuki, R., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Wisniewski, J., Watanabe, M., Yamada, T., Takami, H., and Usuda, T.
Direct Imaging Search for Extrasolar Planets in the Pleiades.
PASJ, 65, 90, 08 / 2013.
1725. Kuzuhara, M., Tamura, M., Kudo, T., Janson, M., Kandori, R., Brandt, T. D., Thalmann, C., Spiegel, D., Biller, B., Carson, J., Hori, Y., Suzuki, R., Burrows, A., Henning, T., Turner, E. L., McElwain, M. W., Moro-Martín, A., Suenaga, T., Takahashi, Y. H., Kwon, J., Lucas, P., Abe, L., Brandner, W., Egner, S., Feldt, M., Fujiwara, H., Goto, M., Grady, C. A., Guyon, O., Hashimoto, J., Hayano, Y., Hayashi, M., Hayashi, S. S., Hodapp, K. W., Ishii, M., Iye, M., Knapp, G. R., Matsuo, T., Mayama, S., Miyama, S., Morino, J.-I., Nishikawa, J., Nishimura, T., Kotani, T., Kusakabe, N., Pyo, T.-S., Serabyn, E., Suto, H., Takami, M., Takato, N., Terada, H., Tomono, D., Watanabe, M., Wisniewski, J. P., Yamada, T., Takami, H., and Usuda, T.
Direct Imaging of a Cold Jovian Exoplanet in Orbit around the Sun-like Star GJ 504.
ApJ, 774, 11, 09 / 2013.

1726. Kewley, L. J., Maier, C., Yabe, K., Ohta, K., Akiyama, M., Dopita, M. A., and Yuan, T.
 The Cosmic BPT Diagram: Confronting Theory with Observations.
ApJ, 774, L10, 09 / 2013.
1727. Hashimoto, J., Dong, R., Kudo, T., Honda, M., McClure, M. K., Zhu, Z., Muto, T., Wisniewski, J., Abe, L., Brandner, W., Brandt, T., Carson, J., Egner, S., Feldt, M., Fukagawa, M., Goto, M., Grady, C. A., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G., Kusakabe, N., Kuzuhara, M., Kwon, J., Matsuo, T., Mayama, S., McElwain, M. W., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T.-S., Serabyn, G., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M.
 Erratum: "Polarimetric Imaging of Large Cavity Structures in the Pre-transitional Protoplanetary Disk around PDS 70: Observations of the Disk" [\[A href="/abs/2012ApJL..758L..19H"\]](#)(2012, *ApJL*, 758, L19)[\[A\]](#).
ApJ, 775, L33, 09 / 2013.
1728. Hiroi, K., Ueda, Y., Hayashida, M., Shidatsu, M., Sato, R., Kawamuro, T., Sugizaki, M., Nakahira, S., Serino, M., Kawai, N., Matsuoka, M., Mihara, T., Morii, M., Nakajima, M., Negoro, H., Sakamoto, T., Tomida, H., Tsuboi, Y., Tsunemi, H., Ueno, S., Yamaoka, K., Yoshida, A., Asada, M., Eguchi, S., Hanayama, T., Higa, M., Ishikawa, K., Ishikawa, M., Isobe, N., Kohama, M., Kimura, M., Morihana, K., Nakagawa, Y. E., Nakano, Y., Nishimura, Y., Ogawa, Y., Sasaki, M., Sugimoto, J., Takagi, T., Usui, R., Yamamoto, T., Yamauchi, M., and Yoshidome, K.
 2nd MAXI/GSC catalog in high galactic-latitude sky (Hiroi+, 2013).
 VizieR Online Data Catalog, 220, 70036, 09 / 2013.
1729. Lee, I. T., Tsai, H. F., Liu, J. Y., Lin, C. H., Matsuo, T., and Chang, L. C.
 Modeling impact of FORMOSAT-7/COSMIC-2 mission on ionospheric space weather monitoring.
Journal of Geophysical Research (Space Physics), 118, 6518–6523, 10 / 2013.
1730. Morihana, K., Sugizaki, M., Nakahira, S., Shidatsu, M., Ueda, Y., Serino, M., Mihara, T., Matsuoka, M., Negoro, H., and Nobuyuki, K.
 MAXI/GSC Discovery of the Black-Hole Candidate MAXI J1305-704.
PASJ, 65, L10, 10 / 2013.
1731. Osaki, Y. and Kato, T.
 Study of Superoutbursts and Superhumps in SU UMa Stars by the Kepler Light Curves of V344 Lyrae and V1504 Cygni.
PASJ, 65, 95, 10 / 2013.

1732. Kato, T. and Osaki, Y.
 Analysis of Three SU UMa-Type Dwarf Novae in the Kepler Field.
PASJ, 65, 97, 10 / 2013.
1733. Mori, H., Maeda, Y., Furuzawa, A., Haba, Y., and Ueda, Y.
 A New Cluster of Galaxies Towards the Galactic Bulge, Suzaku J1759-3450.
PASJ, 65, 102, 10 / 2013.
1734. Kato, T., Monard, B., Hambsch, F.-J., Kiyota, S., and Maehara, H.
 SSS J122221.7-311523: Double Superoutburst in the Best Candidate for a Period Bouncer.
PASJ, 65, L11, 10 / 2013.
1735. Capak, P., Aussel, H., Bundy, K., Bethermin, M., Carollo, M., Ram-Chary, R., Civano, F., Coupon, J., Diener, C., Donley, J., Dunlop, J., Elvis, M., Faisst, A., Foucaud, S., Green, J., Gunn, J., Hashimoto, Y., Hassinger, G., Hsieh, B.-C., Huang, L., Ilbert, O., LeFloc'h, E., LeFevre, O., Lilly, S., Lin, L., Lin, Y.-T., Miyazaki, S., Mobasher, B., Moriya, T., Nagao, T., Ono, Y., Ouchi, M., Petric, A., Pych, W., Quimby, R., Saito, T., Salvato, M., Sanders, D., Scarlata, C., Schinnerer, E., Scoville, N., Sheth, K., Shimasaku, K., Silverman, J., Smolcic, V., Steinhardt, C., Strauss, M., Surace, J., Tanaka, M., Tanaka, M., Taniguchi, Y., Teplitz, H., Toshida, N., Wang, W.-H., and Urata, Y.
 SPLASH: Spitzer Large Area Survey with Hyper-Suprime-Cam.
 Spitzer Proposal, page 10042, 10 / 2013.
1736. Ohsuga, K. and Mineshige, S.
 Outflow Launching Mechanisms.
Space Sci. Rev., 10 / 2013.
1737. Ishimoto, D., Nomura, H., Heinzeller, D., Walsh, C., Millar, T. J., and Saigo, K.
 The Influences of Disk Winds on Chemical Evolution of Protoplanetary Disks. In Kawabe, R., Kuno, N., and Yamamoto, S., editors, *New Trends in Radio Astronomy in the ALMA Era: The 30th Anniversary of Nobeyama Radio Observatory*, volume 476 of *Astronomical Society of the Pacific Conference Series*, page 393, 10 / 2013.
1738. Furuya, K., Aikawa, Y., Nomura, H., Hersant, F., and Wakelam, V.
 Deuterated Water in Turbulent Protoplanetary Disks. In Kawabe, R., Kuno, N., and Yamamoto, S., editors, *New Trends in Radio Astronomy in the ALMA Era: The 30th Anniversary of Nobeyama Radio Observatory*, volume 476 of *Astronomical Society of the Pacific Conference Series*, page 383, 10 / 2013.
1739. Nomura, H., Walsh, C., Millar, T. J., and Aikawa, Y.
 Diagnosing Gas Dispersal Processes in Protoplanetary Disks. In Kawabe, R., Kuno, N., and Yamamoto, S., editors, *New Trends in Radio Astronomy in the ALMA Era: The 30th Anniversary of Nobeyama Radio Observatory*, volume 476 of *Astronomical Society of the Pacific Conference Series*, page 209, 10 / 2013.

1740. Carniani, S., Marconi, A., Biggs, A., Cresci, G., Cupani, G., D'Odorico, V., Humphreys, E., Maiolino, R., Mannucci, F., Molaro, P., Nagao, T., Testi, L., and Zwaan, M. A.
 Strongly star-forming rotating disks in a complex merging system at $z = 4.7$ as revealed by ALMA.
A&A, 559, A29, 11 / 2013.
1741. Blasi, M. G., Lico, R., Giroletti, M., Orienti, M., Giovannini, G., Cotton, W., Edwards, P. G., Fuhrmann, L., Krichbaum, T. P., Kovalev, Y. Y., Jorstad, S., Marscher, A., Kino, M., Paneque, D., Perez-Torres, M. A., Piner, B. G., and Sokolovsky, K. V.
 The TeV blazar Markarian 421 at the highest spatial resolution.
A&A, 559, A75, 11 / 2013.
1742. Kashino, D., Silverman, J. D., Rodighiero, G., Renzini, A., Arimoto, N., Daddi, E., Lilly, S. J., Sanders, D. B., Kartaltepe, J., Zahid, H. J., Nagao, T., Sugiyama, N., Capak, P., Carollo, C. M., Chu, J., Hasinger, G., Ilbert, O., Kajisawa, M., Kewley, L. J., Koekemoer, A. M., Kovač, K., Le Fèvre, O., Masters, D., McCracken, H. J., Onodera, M., Scoville, N., Strazzullo, V., Symeonidis, M., and Taniguchi, Y.
 The FMOS-COSMOS Survey of Star-forming Galaxies at $z \sim 1.6$. I. $H\alpha$ -based Star Formation Rates and Dust Extinction.
ApJ, 777, L8, 11 / 2013.
1743. Kawanaka, N., Mineshige, S., and Piran, T.
 The Discovery of a New Instability in a Hyperaccretion Flow and its Implication for Gamma-Ray Bursts.
ApJ, 777, L15, 11 / 2013.
1744. Janson, M., Brandt, T. D., Kuzuhara, M., Spiegel, D. S., Thalmann, C., Currie, T., Bonnefoy, M., Zimmerman, N., Sorahana, S., Kotani, T., Schlieder, J., Hashimoto, J., Kudo, T., Kusakabe, N., Abe, L., Brandner, W., Carson, J. C., Egner, S., Feldt, M., Goto, M., Grady, C. A., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Kandori, R., Knapp, G. R., Kwon, J., Matsuo, T., McElwain, M. W., Mede, K., Miyama, S., Morino, J.-I., Moro-Martín, A., Nakagawa, T., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E. L., Watanabe, M., Wisniewski, J., Yamada, T., Takami, H., Usuda, T., and Tamura, M.
 Direct Imaging Detection of Methane in the Atmosphere of GJ 504 b.
ApJ, 778, L4, 11 / 2013.
1745. Ricci, C., Paltani, S., Ueda, Y., and Awaki, H.
 On the role of the $\Gamma - \lambda_{Edd}$ relation on the X-ray Baldwin effect in active galactic nuclei.
MNRAS, 435, 1840–1851, 11 / 2013.

1746. Vierdayanti, K., Sadowski, A., Mineshige, S., and Bursa, M.
 Inner disc obscuration in GRS 1915+105 based on relativistic slim disc model.
MNRAS, 436, 71–81, 11 / 2013.
1747. Shibayama, T., Maehara, H., Notsu, S., Notsu, Y., Nagao, T., Honda, S., Ishii, T. T., Nogami, D., and Shibata, K.
 Superflares of Kepler stars. I. (Shibayama+, 2013).
VizieR Online Data Catalog, 220, 90005, 11 / 2013.
1748. LIN, C., Matsuo, T., Araujo-Pradere, E. A., Liu, J. G., and Lin, C.
 Effects of background and observational error covariance models on ionospheric data assimilation.
AGU Fall Meeting Abstracts, page A1914, 12 / 2013.
1749. Cousins, E. D., Matsuo, T., and Richmond, A. D.
 Mapping Ionospheric Electrodynamics with SuperDARN Data: An Assimilative Technique.
AGU Fall Meeting Abstracts, page A3, 12 / 2013.
1750. Sun, Y., Matsuo, T., Maruyama, N., and Liu, J. G.
 Assimilative Model Bias Correction Schemes for Global Ionospheric Modeling.
AGU Fall Meeting Abstracts, page A6, 12 / 2013.
1751. Matsuo, T., Lee, I., and Anderson, J. L.
 Upper Atmosphere Data Assimilation using an ensemble Kalman filter.
AGU Fall Meeting Abstracts, page A7, 12 / 2013.
1752. Matsuo, T.
 The role of data assimilation in maximizing the utility of geospace observations (Invited).
AGU Fall Meeting Abstracts, page B8, 12 / 2013.
1753. Knipp, D. J., Matsuo, T., Kilcommons, L. M., Anderson, B. J., Korth, H., and Richmond, A. D.
 Geospace Response to a Slow Moving Unipolar Magnetic Cloud.
AGU Fall Meeting Abstracts, page D2, 12 / 2013.
1754. Yoshikawa, T., Nishiyama, S., Tamura, M., Ishii, M., and Nagata, T.
 Intrinsically Polarized Stars and Implication for Star Formation in the Central Parsec of Our Galaxy.
ApJ, 778, 92, 12 / 2013.
1755. Furuya, K., Aikawa, Y., Nomura, H., Hersant, F., and Wakelam, V.
 Water in Protoplanetary Disks: Deuteration and Turbulent Mixing.
ApJ, 779, 11, 12 / 2013.
1756. Shidatsu, M., Ueda, Y., Nakahira, S., Done, C., Morihana, K., Sugizaki, M., Mihara, T., Hori, T., Negoro, H., Kawai, N., Yamaoka, K., Ebisawa, K., Matsuoka, M., Serino, M.,

- Yoshikawa, T., Nagayama, T., and Matsunaga, N.
 The Accretion Disk and Ionized Absorber of the 9.7 hr Dipping Black Hole Binary MAXI J1305-704.
ApJ, 779, 26, 12 / 2013.
1757. Morii, M., Tomida, H., Kimura, M., Suwa, F., Negoro, H., Serino, M., Kennea, J. A., Page, K. L., Curran, P. A., Walter, F. M., Kuin, N. P. M., Pritchard, T., Nakahira, S., Hiroi, K., Usui, R., Kawai, N., Osborne, J. P., Mihara, T., Sugizaki, M., Gehrels, N., Kohama, M., Kotani, T., Matsuoka, M., Nakajima, M., Roming, P. W. A., Sakamoto, T., Sugimori, K., Tsuboi, Y., Tsunemi, H., Ueda, Y., Ueno, S., and Yoshida, A.
 Extraordinary Luminous Soft X-Ray Transient MAXI J0158-744 as an Ignition of a Nova on a Very Massive O-Ne White Dwarf.
ApJ, 779, 118, 12 / 2013.
1758. Kato, T. and Osaki, Y.
 New Method of Estimating Binary's Mass Ratios by Using Superhumps.
PASJ, 65, 115, 12 / 2013.
1759. Nakata, C., Ohshima, T., Kato, T., Nogami, D., Masi, G., Miguel, E. d., Ulwetz, J., Littlefield, C., Goff, W. N., Krajei, T., Maehara, H., Stein, W., Sabo, R., Noguchi, R., Ono, R., Kawabata, M., Furukawa, H., Matsumoto, K., Ishibashi, T., Dubovsky, P. A., Kudzej, I., Dvorak, S., Hambach, F.-J., Pickard, R. D., Morelle, E., Muylaert, E., Padovan, S., and Henden, A.
 WZ Sge-Type Dwarf Novae with Multiple Rebrightenings: MASTER OT J211258.65+242145.4 and MASTER OT J203749.39+552210.3.
PASJ, 65, 117, 12 / 2013.
1760. Kato, T. and Osaki, Y.
 KIC 7524178 - an SU UMa-Type Dwarf Nova Predominantly Showing Negative Superhumps throughout Supercycle.
PASJ, 65, L13, 12 / 2013.
1761. Fukagawa, M., Tsukagoshi, T., Momose, M., Saigo, K., Ohashi, N., Kitamura, Y., Inutsuka, S.-i., Muto, T., Nomura, H., Takeuchi, T., Kobayashi, H., Hanawa, T., Akiyama, E., Honda, M., Fujiwara, H., Kataoka, A., Takahashi, S. Z., and Shibai, H.
 Local Enhancement of the Surface Density in the Protoplanetary Ring Surrounding HD 142527.
PASJ, 65, L14, 12 / 2013.
1762. Stritzinger, M. D., Hsiao, E., Valenti, S., Taddia, F., Rivera-Thorsen, T. J., Leloudas, G., Maeda, K., Pastorello, A., Phillips, M. M., Pignata, G., Baron, E., Burns, C. R., Contreras, C., Folatelli, G., Hamuy, M., Höflich, P., Morrell, N., Prieto, J. L., Benetti, S., Campillay, A., Haislip, J. B., LaClutze, A. P., Moore, J. P., and Reichart, D. E.

- Optical and near-IR observations of the faint and fast 2008ha-like supernova 2010ae.
A&A, 561, A146, 01 / 2014.
1763. Ly, C., Malkan, M. A., Nagao, T., Kashikawa, N., Shimasaku, K., and Hayashi, M.
"Direct" Gas-phase Metallicities, Stellar Properties, and Local Environments of Emission-line Galaxies at Redshifts below 0.90.
ApJ, 780, 122, 01 / 2014.
1764. Katsuda, S., Maeda, K., Nozawa, T., Pooley, D., and Immel, S.
SN 2005ip: A Luminous Type IIn Supernova Emerging from a Dense Circumstellar Medium as Revealed by X-Ray Observations.
ApJ, 780, 184, 01 / 2014.
1765. Stritzinger, M. D., Hsiao, E., Valenti, S., Taddia, F., Rivera-Thorsen, T. J., Leloudas, G., Maeda, K., Pastorello, A., Phillips, M. M., Pignata, G., Baron, E., Burns, C. R., Contreras, C., Folatelli, G., Hamuy, M., Hoeflich, P., Morrell, N., Prieto, J. L., Benetti, S., Campillay, A., Haislip, J. B., Laclutze, A. P., Moore, J. P., and Reichart, D. E.
SN 2010ae optical spectra (Stritzinger+, 2014).
VizieR Online Data Catalog, 356, 19146, 01 / 2014.
1766. Bonnefoy, M., Currie, T., Marleau, G.-D., Schlieder, J. E., Wisniewski, J., Carson, J., Covey, K. R., Henning, T., Biller, B., Hinz, P., Klahr, H., Marsh Boyer, A. N., Zimmerman, N., Janson, M., McElwain, M., Mordasini, C., Skemer, A., Bailey, V., Defrère, D., Thalmann, C., Skrutskie, M., Allard, F., Homeier, D., Tamura, M., Feldt, M., Cumming, A., Grady, C., Brandner, W., Helling, C., Witte, S., Hauschildt, P., Kandori, R., Kuzuhara, M., Fukagawa, M., Kwon, J., Kudo, T., Hashimoto, J., Kusakabe, N., Abe, L., Brandt, T., Egner, S., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Hodapp, K., Ishii, M., Iye, M., Knapp, G., Matsuo, T., Mede, K., Miyama, M., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, T., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E., Watanabe, M., Yamada, T., Takami, H., and Usuda, T.
Characterization of the gaseous companion κ Andromedae b. New Keck and LBTI high-contrast observations.
A&A, 562, A111, 02 / 2014.
1767. Milisavljevic, D., Margutti, R., Crabtree, K. N., Foster, J. B., Soderberg, A. M., Fesen, R. A., Parrent, J. T., Sanders, N. E., Drout, M. R., Kamble, A., Chakraborti, S., Pickering, T. E., Cenko, S. B., Silverman, J. M., Filippenko, A. V., Kirshner, R. P., Mazzali, P., Maeda, K., Marion, G. H. H., Vinko, J., and Wheeler, J. C.
Interaction between the Broad-lined Type Ic Supernova 2012ap and Carriers of Diffuse Interstellar Bands.
ApJ, 782, L5, 02 / 2014.

1768. Yamanaka, M., Maeda, K., Kawabata, M., Tanaka, M., Takaki, K., Ueno, I., Masumoto, K., Kawabata, K. S., Itoh, R., Moritani, Y., Akitaya, H., Arai, A., Honda, S., Nishiyama, K., Kabashima, F., Matsumoto, K., Nogami, D., and Yoshida, M.
 Early-phase Photometry and Spectroscopy of Transitional Type Ia SN 2012ht: Direct Constraint on the Rise Time.
ApJ, 782, L35, 02 / 2014.
1769. Yabe, K., Ohta, K., Iwamuro, F., Akiyama, M., Tamura, N., Yuma, S., Kimura, M., Takato, N., Moritani, Y., Sumiyoshi, M., Maihara, T., Silverman, J., Dalton, G., Lewis, I., Bonfield, D., Lee, H., Curtis-Lake, E., Macaulay, E., and Clarke, F.
 The mass-metallicity relation at $z \tilde{=} 1.4$ revealed with Subaru/FMOS.
MNRAS, 437, 3647–3663, 02 / 2014.
1770. Höning, S. F., Gandhi, P., Asmus, D., Mushotzky, R. F., Antonucci, R., Ueda, Y., and Ichikawa, K.
 What obscures low-X-ray-scattering active galactic nuclei.
MNRAS, 438, 647–656, 02 / 2014.
1771. Dobrotka, A., Mineshige, S., and Ness, J.-U.
 Resolving different sources of fast X-ray variability of the dwarf nova RU Peg in quiescence.
MNRAS, 438, 1714–1723, 02 / 2014.
1772. Saitoh, T. R., Makino, J., Asaki, Y., Baba, J., Komugi, S., Miyoshi, M., Nagao, T., Takahashi, M., Takeda, T., Tsuboi, M., and Wakamatsu, K.-i.
 Flaring up of the compact cloud G2 during the close encounter with Sgr A*.
PASJ, 66, 1, 02 / 2014.
1773. Osaki, Y. and Kato, T.
 A further study of superoutbursts and superhumps in SU UMa stars by the Kepler light curves of V1504 Cygni and V344 Lyrae.
PASJ, 66, 15, 02 / 2014.
1774. Takada, M., Ellis, R. S., Chiba, M., Greene, J. E., Aihara, H., Arimoto, N., Bundy, K., Cohen, J., Doré, O., Graves, G., Gunn, J. E., Heckman, T., Hirata, C. M., Ho, P., Kneib, J.-P., Fèvre, O. L., Lin, L., More, S., Murayama, H., Nagao, T., Ouchi, M., Seiffert, M., Silverman, J. D., Sodré, L., Spergel, D. N., Strauss, M. A., Sugai, H., Suto, Y., Takami, H., and Wyse, R.
 Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph.
PASJ, 66, 1, 02 / 2014.
1775. Oshiyama, F., Murakami, N., Guyon, O., Martinache, F., Baba, N., Matsuo, T., Nishikawa, J., and Tamura, M.
 Central-Obscuration Removal Plates for Focal-Plane Phase-Mask Coronagraphs with a

- Centrally-Obscured Telescope.
 PASP, 126, 270–279, 02 / 2014.
1776. Walsh, C., Millar, T. J., Nomura, H., Herbst, E., Widicus Weaver, S., Aikawa, Y., Laas, J. C., and Vasyunin, A. I.
 Complex organic molecules in protoplanetary disks.
 A&A, 563, A33, 03 / 2014.
1777. Troncoso, P., Maiolino, R., Sommariva, V., Cresci, G., Mannucci, F., Marconi, A., Meneghetti, M., Grazian, A., Cimatti, A., Fontana, A., Nagao, T., and Pentericci, L.
 Metallicity evolution, metallicity gradients, and gas fractions at $z \sim 3.4$.
 A&A, 563, A58, 03 / 2014.
1778. Tsukagoshi, T., Momose, M., Hashimoto, J., Kudo, T., Andrews, S., Saito, M., Kitamura, Y., Ohashi, N., Wilner, D., Kawabe, R., Abe, L., Akiyama, E., Brandner, W., Brandt, T. D., Carson, J., Currie, T., Egner, S. E., Goto, M., Grady, C., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kusakabe, N., Kuzuhara, M., Kwon, J., McElwain, M., Matsuo, T., Mayama, S., Miyama, S., Morino, J.-i., Moro-Martín, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y., Takami, H., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Usuda, T., Watanabe, M., Wisniewski, J. P., Yamada, T., and Tamura, M.
 High-resolution Submillimeter and Near-infrared Studies of the Transition Disk around Sz 91.
 ApJ, 783, 90, 03 / 2014.
1779. Cano, Z., Maeda, K., and Schulze, S.
 Type Ib SN 1999dn as an example of the thoroughly mixed ejecta of Ib supernovae.
 MNRAS, 438, 2924–2937, 03 / 2014.