

## < 学術論文 >

1780. Sasada, M., Uemura, M., Fukazawa, Y., Yasuda, H., Itoh, R., Sakimoto, K., Ikejiri, Y., Yoshida, M., Kawabata, K. S., Akitaya, H., Ohsugi, T., Yamanaka, M., Komatsu, T., Miyamoto, H., Nagae, O., Nakaya, H., Tanaka, H., Sato, S., and Kino, M.  
Extremely High Polarization in the 2010 Outburst of Blazar 3C 454.3.  
*ApJ*, 784, 141, 04 / 2014.
1781. Maeda, K., Katsuda, S., Bamba, A., Terada, Y., and Fukazawa, Y.  
Long-lasting X-Ray Emission from Type IIb Supernova 2011dh and Mass-loss History of the Yellow Supergiant Progenitor.  
*ApJ*, 785, 95, 04 / 2014.
1782. Moriya, T. J., Maeda, K., Taddia, F., Sollerman, J., Blinnikov, S. I., and Sorokina, E. I.  
Mass-loss histories of Type IIn supernova progenitors within decades before their explosion.  
*MNRAS*, 439, 2917–2926, 04 / 2014.
1783. Kato, T., Hambsch, F.-J., Maehara, H., Masi, G., Nocentini, F., Dubovsky, P. A., Kudzej, I., Imamura, K., Ogi, M., Tanabe, K., Akazawa, H., Krajci, T., Miller, I., de Miguel, E., Henden, A., Noguchi, R., Ishibashi, T., Ono, R., Kawabata, M., Kobayashi, H., Sakai, D., Nishino, H., Furukawa, H., Masumoto, K., Matsumoto, K., Littlefield, C., Ohshima, T., Nakata, C., Honda, S., Kinugasa, K., Hashimoto, O., Stein, W., Pickard, R. D., Kiyota, S., Pavlenko, E. P., Antonyuk, O. I., Baklanov, A. V., Antonyuk, K., Samsonov, D., Pit, N., Sosnovskij, A., Oksanen, A., Harlingten, C., Tyyskä, J., Monard, B., Shugarov, S. Y., Chochol, D., Kasai, K., Maeda, Y., Hirosawa, K., Itoh, H., Sabo, R., Ulowetz, J., Morelle, E., Michel, R., Suárez, G., James, N., Dvorak, S., Voloshina, I. B., Richmond, M., Staels, B., Boyd, D., Andreev, M. V., Parakhin, N., Katysheva, N., Miyashita, A., Nakajima, K., Bolt, G., Padovan, S., Nelson, P., Starkey, D. R., Buczynski, D., Starr, P., Goff, W. N., Denisenko, D., Kochanek, C. S., Shappee, B., Stanek, K. Z., Prieto, J. L., Itagaki, K.-i., Kaneko, S., Stubbings, R., Muylaert, E., Shears, J., Schmeer, P., Poyner, G., and Rodríguez-Marco, M.  
Survey of period variations of superhumps in SU UMa-type dwarf novae. V. The fifth year (2012-2013).  
*PASJ*, 66, 30, 04 / 2014.
1784. Tonegawa, M., Totani, T., Akiyama, M., Dalton, G., Glazebrook, K., Iwamuro, F., Sumiyoshi, M., Tamura, N., Yabe, K., Coupon, J., Goto, T., and Spitler, L. R.  
A study of selection methods for H $\alpha$ -emitting galaxies at  $z \sim 1.3$  for the Subaru/FMOS galaxy redshift survey for cosmology (FastSound).  
*PASJ*, 66, 43, 04 / 2014.

1785. Takeuchi, S., Ohsuga, K., and Mineshige, S.  
 Radiation hydrodynamic instability in a plane-parallel, super-Eddington atmosphere: A mechanism for clump formation.  
*PASJ*, 66, 48, 04 / 2014.
1786. Nogami, D., Notsu, Y., Honda, S., Maehara, H., Notsu, S., Shibayama, T., and Shibata, K.  
 Two sun-like superflare stars rotating as slow as the Sun\*.  
*PASJ*, 66, L4, 04 / 2014.
1787. Kato, T. and Osaki, Y.  
 GALEX J194419.33+491257.0: An unusually active SU UMa-type dwarf nova with a very short orbital period in the Kepler data.  
*PASJ*, 66, L5, 04 / 2014.
1788. Quimby, R. M., Oguri, M., More, A., More, S., Moriya, T. J., Werner, M. C., Tanaka, M., Folatelli, G., Bersten, M. C., Maeda, K., and Nomoto, K.  
 Detection of the Gravitational Lens Magnifying a Type Ia Supernova.  
*Science*, 344, 396–399, 04 / 2014.
1789. Brandt, T. D., Kuzuhara, M., McElwain, M. W., Schlieder, J. E., Wisniewski, J. P., Turner, E. L., Carson, J., Matsuo, T., Biller, B., Bonnefoy, M., Dressing, C., Janson, M., Knapp, G. R., Moro-Martín, A., Thalmann, C., Kudo, T., Kusakabe, N., Hashimoto, J., Abe, L., Brandner, W., Currie, T., Egner, S., Feldt, M., Golota, T., Goto, M., Grady, C. A., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Kandori, R., Kwon, J., Mede, K., Miyama, S., Morino, J.-I., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takami, M., Takahashi, Y., Takato, N., Terada, H., Tomono, D., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M.  
 The Moving Group Targets of the SEEDS High-contrast Imaging Survey of Exoplanets and Disks: Results and Observations from the First Three Years.  
*ApJ*, 786, 1, 05 / 2014.
1790. Ueda, Y., Akiyama, M., Hasinger, G., Miyaji, T., and Watson, M. G.  
 Toward the Standard Population Synthesis Model of the X-Ray Background: Evolution of X-Ray Luminosity and Absorption Functions of Active Galactic Nuclei Including Compton-thick Populations.  
*ApJ*, 786, 104, 05 / 2014.
1791. Rivers, E., Markowitz, A., Rothschild, R., Bamba, A., Fukazawa, Y., Okajima, T., Reeves, J., Terashima, Y., and Ueda, Y.  
 Tracking the Complex Absorption in NGC 2110 with Two Suzaku Observations.  
*ApJ*, 786, 126, 05 / 2014.

1792. Ono, T., Nomura, H., Takeuchi, T.  
 Rotational Instability in the Outer Region of Protoplanetary Disks.  
*ApJ*, 787, 37, 05 / 2014.
1793. Ishiguro, M., Jewitt, D., Hanayama, H., Usui, F., Sekiguchi, T., Yanagisawa, K., Kuroda, D., Yoshida, M., Ohta, K., Kawai, N., Miyaji, T., Fukushima, H., and Watanabe, J.-i.  
 Outbursting Comet P/2010 V1 (Ikeya-Murakami): A Miniature Comet Holmes.  
*ApJ*, 787, 55, 05 / 2014.
1794. Nozawa, T., Yoon, S.-C., Maeda, K., Kozasa, T., Nomoto, K., and Langer, N.  
 Dust Production Factories in the Early Universe: Formation of Carbon Grains in Red-supergiant Winds of Very Massive Population III Stars.  
*ApJ*, 787, L17, 06 / 2014.
1795. Kawahara, H., Murakami, N., Matsuo, T., and Kotani, T.  
 Spectroscopic Coronagraphy for Planetary Radial Velocimetry of Exoplanets.  
*ApJS*, 212, 27, 06 / 2014.
1796. Hatsukade, B., Ohta, K., Endo, A., Nakanishi, K., Tamura, Y., Hashimoto, T., and Kohno, K.  
 Two  $\gamma$ -ray bursts from dusty regions with little molecular gas.  
*Nature*, 510, 247–249, 06 / 2014.
1797. Totani, T., Aoki, K., Hattori, T., Kosugi, G., Niino, Y., Hashimoto, T., Kawai, N., Ohta, K., Sakamoto, T., and Yamada, T.  
 Probing intergalactic neutral hydrogen by the Lyman alpha red damping wing of gamma-ray burst 130606A afterglow spectrum at  $z = 5.913$ .  
*PASJ*, 66, 63, 06 / 2014.
1798. Singh, G., Martinache, F., Baudoz, P., Guyon, O., Matsuo, T., Jovanovic, N., and Clergeon, C.  
 Lyot-based Low Order Wavefront Sensor for Phase-mask Coronagraphs: Principle, Simulations and Laboratory Experiments.  
*PASP*, 126, 586–594, 06 / 2014.
1799. Ricci, C., Ueda, Y., Ichikawa, K., Paltani, S., Boissay, R., Gandhi, P., Stalevski, M., and Awaki, H.  
 The narrow Fe  $K\alpha$  line and the molecular torus in active galactic nuclei: an IR/X-ray view.  
*A&A*, 567, A142, 07 / 2014.
1800. Shidatsu, M., Ueda, Y., Yamada, S., Done, C., Hori, T., Yamaoka, K., Kubota, A., Nagayama, T., and Moritani, Y.  
 Spectral and Timing Properties of the Black Hole X-Ray Binary H1743-322 in the

- Low/Hard State Studied with Suzaku.  
ApJ, 789, 100, 07 / 2014.
1801. Hori, T., Ueda, Y., Shidatsu, M., Kawamuro, T., Kubota, A., Done, C., Nakahira, S., Tsumura, K., Shirahata, M., and Nagayama, T.  
SUZAKU Observation of the Black Hole Binary 4U 1630-47 in the Very High State.  
ApJ, 790, 20, 07 / 2014.
1802. Ricci, C., Ueda, Y., Paltani, S., Ichikawa, K., Gandhi, P., and Awaki, H.  
Iron K $\alpha$  emission in type-I and type-II active galactic nuclei.  
MNRAS, 441, 3622–3633, 07 / 2014.
1803. Ohshima, T., Kato, T., Pavlenko, E., Akazawa, H., Imamura, K., Tanabe, K., de Miguel, E., Stein, W., Itoh, H., Hambach, F.-J., Dubovsky, P. A., Kudzej, I., Krajci, T., Baklanov, A., Samsonov, D., Antonyuk, O. I., Malanushenko, V., Andreev, M. V., Noguchi, R., Ogura, K., Nomoto, T., Ono, R., Nakagawa, S., Taniuchi, K., Aoki, T., Kawabata, M., Kimura, H., Masumoto, K., Kobayashi, H., Matsumoto, K., Shiokawa, K., Shugarov, S. Y., Katysheva, N., Voloshina, I., Zemko, P., Kasai, K., Ruiz, J., Maehara, H., Virnina, N., Virtanen, J., Miller, I., Boitnott, B., Littlefield, C., James, N., Tordai, T., Robert, F., Padovan, S., and Miyashita, A.  
Study of negative and positive superhumps in ER Ursae Majoris.  
PASJ, 66, 67, 07 / 2014.
1804. Seko, A., Ohta, K., Hatsukade, B., Yabe, K., Takeuchi, T., and Iono, D.  
Constraint on the gas-to-dust ratio in massive star-forming galaxies at  $z \sim 1.4$ .  
PASJ, 66, 81, 07 / 2014.
1805. Mihara, T., Sugizaki, M., Matsuoka, M., Tomida, H., Ueno, S., Negoro, H., Yoshida, A., Tsunemi, H., Nakajima, M., Ueda, Y., and Yamauchi, M.  
MAXI: all-sky observation from the International Space Station. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9144 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 1, 07 / 2014.
1806. Takahashi, T., Mitsuda, K., Kelley, R., Aharonian, F., Akamatsu, H., Akimoto, F., Allen, S., Anabuki, N., Angelini, L., Arnaud, K., Mineshige, S., Ueda, Y. et al.  
The ASTRO-H X-ray astronomy satellite. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9144 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 25, 07 / 2014.
1807. Kawai, N., Tomida, H., Yatsu, Y., Mihara, T., Ueno, S., Kimura, M., Arimoto, M., Serino, M., Sakamoto, T., Tsunemi, H., Kohmura, T., Negoro, H., Ueda, Y., Morii, M., Tsuboi, Y., Ebisawa, K., and Yoshida, A.  
Wide-field MAXI: soft x-ray transient monitor on the ISS. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9144 of *Society of Photo-*

*Optical Instrumentation Engineers (SPIE) Conference Series*, page 2, 07 / 2014.

1808. Tsunemi, H., Nakajima, H., Anabuki, N., Nagino, R., Kunieda, H., Matsumoto, H., Itoh, M., Kawano, I., Ikenaga, T., Mitani, S., Yamamoto, T., Ozaki, M., Mori, K., Ueda, Y., and Kohmura, T.  
Formation Flight Astronomical Survey Telescope (FFAST) mission in hard x-ray. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9144 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 2, 07 / 2014.
1809. Arimoto, M., Yatsu, Y., Kawai, N., Ikeda, H., Harayama, A., Takeda, S., Takahashi, T., Tomida, H., Ueno, S., Kimura, M., Mihara, T., Serino, M., Tsunemi, H., Yoshida, A., Sakamoto, T., Kohmura, T., Negoro, H., and Ueda, Y.  
Development of the hard x-ray monitor onboard WF-MAXI. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9144 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 5, 07 / 2014.
1810. Kotani, T., Tamura, M., Suto, H., Nishikawa, J., Sato, B., Aoki, W., Usuda, T., Kurokawa, T., Kashiwagi, K., Nishiyama, S., Ikeda, Y., Hall, D. B., Hodapp, K. W., Hashimoto, J., Morino, J.-I., Okuyama, Y., Tanaka, Y., Suzuki, S., Inoue, S., Kwon, J., Sue-naga, T., Oh, D., Baba, H., Narita, N., Kokubo, E., Hayano, Y., Izumiura, H., Kambe, E., Kudo, T., Kusakabe, N., Ikoma, M., Hori, Y., Omiya, M., Genda, H., Fukui, A., Fujii, Y., Guyon, O., Harakawa, H., Hayashi, M., Hidai, M., Hirano, T., Kuzuhara, M., Machida, M., Matsuo, T., Nagata, T., Onuki, H., Ogihara, M., Takami, H., Takato, N., Takahashi, Y. H., Tachinami, C., Terada, H., Kawahara, H., and Yamamuro, T.  
Infrared Doppler instrument (IRD) for the Subaru telescope to search for Earth-like planets around nearby M-dwarfs. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9147 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 14, 07 / 2014.
1811. Matsuo, T., Murakami, N., Kotani, T., Kawahara, H., Natsume, N., Kino, M., Yamamoto, K., Imada, H., Kurita, M., Iribe, M., Nishida, H., Kida, M., Kitou, H., Ishikawa, K., Uda, Y., Tokoro, H., Nagata, T., Iwamuro, F., Miura, N., Oya, S., Itoh, Y., Shibai, H., and Tamura, M.  
High-contrast planet imager for Kyoto 4m segmented telescope. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9147 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 1, 07 / 2014.
1812. Kitou, H., Murakami, N., Kida, M., Baba, N., Matsuo, T., Kotani, T., Kawahara, H., and Tamura, M.  
Laboratory demonstration of the Savart-plate lateral-shearing interferometric nuller for exoplanets (SPLINE). In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 1, 07 / 2014.

ference Series, volume 9151 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 5, 07 / 2014.

1813. Aschwanden, M. J., Crosby, N. B., Dimitropoulou, M., Georgoulis, M. K., Hergarten, S., McAteer, J., Milovanov, A. V., Mineshige, S., Morales, L., Nishizuka, N., Pruessner, G., Sanchez, R., Sharma, A. S., Strugarek, A., and Uritsky, V.

25 Years of Self-Organized Criticality: Solar and Astrophysics.

Space Sci. Rev., 07 / 2014.

1814. Fukui, A., Kawashima, Y., Ikoma, M., Narita, N., Onitsuka, M., Ita, Y., Onozato, H., Nishiyama, S., Baba, H., Ryu, T., Hirano, T., Hori, Y., Kurosaki, K., Kawauchi, K., Takahashi, Y. H., Nagayama, T., Tamura, M., Kawai, N., Kuroda, D., Nagayama, S., Ohta, K., Shimizu, Y., Yanagisawa, K., Yoshida, M., and Izumiura, H.

Multi-band, Multi-epoch Observations of the Transiting Warm Jupiter WASP-80b.

ApJ, 790, 108, 08 / 2014.

1815. Moriya, T. J. and Maeda, K.

Constraining Physical Properties of Type IIn Supernovae through Rise Times and Peak Luminosities.

ApJ, 790, L16, 08 / 2014.

1816. Yoshikawa, T., Nishiyama, S., Tamura, M., Kwon, J., and Nagata, T.

Young Stellar Object Search toward the Boundary of the Central Molecular Zone with Near-infrared Polarimetry.

ApJS, 213, 22, 08 / 2014.

1817. Yanagisawa, K., Shimizu, Y., Okita, K., Kuroda, D., Koyano, H., Tsutsui, H., Toda, H., Izumiura, H., Yoshida, M., Ohta, K., Kawai, N., and Yamamuro, T.

Okayama astrophysical observatory wide field camera. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 9147 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 6, 08 / 2014.

1818. Skopal, A., Drechsel, H., Tarasova, T., Kato, T., Fujii, M., Teyssier, F., Garde, O., Guarro, J., Edlin, J., Buil, C., Antao, D., Terry, J.-N., Lemoult, T., Charbonnel, S., Bohlsen, T., Favaro, A., and Graham, K.

Early evolution of the extraordinary Nova Delphini 2013 (V339 Del).

A&A, 569, A112, 09 / 2014.

1819. Folatelli, G., Bersten, M. C., Kuncarayakti, H., Olivares Estay, F., Anderson, J. P., Holmbo, S., Maeda, K., Morrell, N., Nomoto, K., Pignata, G., Stritzinger, M., Contreras, C., Förster, F., Hamuy, M., Phillips, M. M., Prieto, J. L., Valenti, S., Afonso, P., Altenmüller, K., Elliott, J., Greiner, J., Updike, A., Haislip, J. B., LaCluyze, A. P., Moore, J. P., and Reichart, D. E.

Supernova 2010as: The Lowest-velocity Member of a Family of Flat-velocity Type IIb Su-

- pernovae.
- ApJ, 792, 7, 09 / 2014.
1820. Ota, K., Walter, F., Ohta, K., Hatsukade, B., Carilli, C. L., da Cunha, E., González-López, J., Decarli, R., Hodge, J. A., Nagai, H., Egami, E., Jiang, L., Iye, M., Kashikawa, N., Riechers, D. A., Bertoldi, F., Cox, P., Neri, R., and Weiss, A.  
ALMA Observation of 158  $\mu$ m [C II] Line and Dust Continuum of a  $z = 7$  Normally Star-forming Galaxy in the Epoch of Reionization.  
ApJ, 792, 34, 09 / 2014.
1821. Tombesi, F., Tazaki, F., Mushotzky, R. F., Ueda, Y., Cappi, M., Gofford, J., Reeves, J. N., and Guainazzi, M.  
Ultrafast outflows in radio-loud active galactic nuclei.  
MNRAS, 443, 2154–2182, 09 / 2014.
1822. Diehl, R., Siegert, T., Hillebrandt, W., Grebenev, S. A., Greiner, J., Krause, M., Kromer, M., Maeda, K., Röpke, F., and Taubenberger, S.  
Early  $^{56}\text{Ni}$  decay gamma rays from SN2014J suggest an unusual explosion.  
Science, 345, 1162–1165, 09 / 2014.
1823. Ohsuga, K. and Mineshige, S.  
Outflow Launching Mechanisms.  
Space Sci. Rev., 183, 353–369, 09 / 2014.
1824. Heller, R., Williams, D., Kipping, D., Limbach, M. A., Turner, E., Greenberg, R., Sasaki, T., Bolmont, É., Grasset, O., Lewis, K., Barnes, R. and Zuluaga, J. I.  
Formation, Habitability, and Detection of Extrasolar Moons.  
Astrobiology, 14, 798–835, 09 / 2014.
1825. Lopez-Rodriguez, E., Packham, C., Tadhunter, C., Mason, R., Perlman, E., Alonso-Herrero, A., Ramos Almeida, C., Ichikawa, K., Levenson, N. A., Rodríguez-Espinosa, J. M., Álvarez, C. A., Ramírez, E. A., and Telesco, C. M.  
Polarized Mid-infrared Synchrotron Emission in the Core of Cygnus A.  
ApJ, 793, 81, 10 / 2014.
1826. Folatelli, G., Bersten, M. C., Benvenuto, O. G., Van Dyk, S. D., Kuncarayakti, H., Maeda, K., Nozawa, T., Nomoto, K., Hamuy, M., and Quimby, R. M.  
A Blue Point Source at the Location of Supernova 2011dh.  
ApJ, 793, L22, 10 / 2014.
1827. Maeda, K., Kutsuna, M., and Shigeyama, T.  
Signatures of a Companion Star in Type Ia Supernovae.  
ApJ, 794, 37, 10 / 2014.
1828. Ichikawa, K., Imanishi, M., Ueda, Y., Nakagawa, T., Shirahata, M., Kaneda, H., and Oyabu, S.

AKARI IRC 2.5-5  $\mu$ m Spectroscopy of Infrared Galaxies over a Wide Luminosity Range.  
ApJ, 794, 139, 10 / 2014.

1829. Brandt, T. D., McElwain, M. W., Turner, E. L., Mede, K., Spiegel, D. S., Kuzuhara, M., Schlieder, J. E., Wisniewski, J. P., Abe, L., Biller, B., Brandner, W., Carson, J., Currie, T., Egner, S., Feldt, M., Golota, T., Goto, M., Grady, C. A., Guyon, O., Hashimoto, J., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Inutsuka, S., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kudo, T., Kusakabe, N., Kwon, J., Matsuo, T., Miyama, S., Morino, J.-I., Moro-Martín, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suto, H., Suzuki, R., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M.

A Statistical Analysis of SEEDS and Other High-contrast Exoplanet Surveys: Massive Planets or Low-mass Brown Dwarfs?

ApJ, 794, 159, 10 / 2014.

1830. Nakahira, S., Negoro, H., Shidatsu, M., Ueda, Y., Mihara, T., Sugizaki, M., Matsuo, M., and Onodera, T.

A new X-ray nova MAXI J1910-057 (= Swift J1910.2-0546) and mass accretion inflow.  
PASJ, 66, 84, 10 / 2014.

1831. Serino, M., Sakamoto, T., Kawai, N., Yoshida, A., Ohno, M., Ogawa, Y., Nishimura, Y., Fukushima, K., Higa, M., Ishikawa, K., Ishikawa, M., Kawamuro, T., Kimura, M., Matsuoka, M., Mihara, T., Morii, M., Nakagawa, Y. E., Nakahira, S., Nakajima, M., Nakano, Y., Negoro, H., Onodera, T., Sasaki, M., Shidatsu, M., Sugimoto, J., Sugizaki, M., Suwa, F., Suzuki, K., Tachibana, Y., Takagi, T., Toizumi, T., Tomida, H., Tsuboi, Y., Tsunemi, H., Ueda, Y., Ueno, S., Usui, R., Yamada, H., Yamamoto, T., Yamaoka, K., Yamauchi, M., Yoshidome, K., and Yoshii, T.

MAXI observations of gamma-ray bursts.

PASJ, 66, 87, 10 / 2014.

1832. Kato, T., Dubovsky, P. A., Kudzej, I., Hambsch, F.-J., Miller, I., Ohshima, T., Nakata, C., Kawabata, M., Nishino, H., Masumoto, K., Mizoguchi, S., Yamanaka, M., Matsumoto, K., Sakai, D., Fukushima, D., Matsuura, M., Bouno, G., Takenaka, M., Nakagawa, S., Noguchi, R., Iino, E., Pickard, R. D., Maeda, Y., Henden, A., Kasai, K., Kiyota, S., Akazawa, H., Imamura, K., de Miguel, E., Maehara, H., Monard, B., Pavlenko, E. P., Antonyuk, K., Pit, N., Antonyuk, O. I., Baklanov, A. V., Ruiz, J., Richmond, M., Oksanen, A., Harlingen, C., Shugarov, S. Y., Chochol, D., Masi, G., Nocentini, F., Schmeer, P., Bolt, G., Nelson, P., Ulowetz, J., Sabo, R., Goff, W. N., Stein, W., Michel, R., Dvorak, S., Voloshina, I. B., Metlov, V., Katysheva, N., Neustroev, V. V., Sjoberg, G., Littlefield, C., Dębski, B., Sowicka, P., Klimaszewski, M., Curyło, M., Morelle, E., Curtis, I. A., Iwamatsu, H., Butterworth, N. D., Andreev, M. V., Parakhin, N.,

- Sklyanov, A., Shiokawa, K., Novák, R., Irsmambetova, T. R., Itoh, H., Ito, Y., Hiro-sawa, K., Denisenko, D., Kochanek, C. S., Shappee, B., Stanek, K. Z., Prieto, J. L., Itagaki, K.-i., Stubbings, R., Ripero, J., Muylaert, E., and Poyner, G.  
 Survey of period variations of superhumps in SU UMa-type dwarf novae. VI. The sixth year (2013-2014).  
*PASJ*, 66, 90, 10 / 2014.
1833. Kato, T., Ohshima, T., Denisenko, D., Dubovsky, P. A., Kudzej, I., Stein, W., de Miguel, E., Henden, A., Miller, I., Antonyuk, K., Antonyuk, O., Pit, N., Sosnovskij, A., Baklanov, A., Babina, J., Pavlenko, E. P., Matsumoto, K., Fukushima, D., Takenaka, M., Kawabata, M., Sakai, D., Maeda, K., Matsuda, R., Matsumoto, K., Littlefield, C., Oksanen, A., Itoh, H., Masi, G., Nocentini, F., Schmeer, P., Pickard, R. D., Kiyota, S., Dvorak, S., Ulowetz, J., Maeda, Y., Michel, R., Shugarov, S. Y., Chochol, D., and Novák, R.  
 Superoutburst of SDSS J090221.35+381941.9: First measurement of mass ratio in an AM CVn-type object using growing superhumps.  
*PASJ*, 66, L7, 10 / 2014.
1834. Ishikawa, T., Totani, T., Nishimichi, T., Takahashi, R., Yoshida, N., and Tonegawa, M.  
 On the systematic errors of cosmological-scale gravity tests using redshift-space distortion: non-linear effects and the halo bias.  
*MNRAS*, 443, 3359-3367, 10 / 2014.
1835. Takami, M., Hasegawa, Y., Muto, T., Gu, P.-G., Dong, R., Karr, J. L., Hashimoto, J., Kusakabe, N., Chapillon, E., Tang, Y.-W., Itoh, Y., Carson, J., Follette, K. B., Mayama, S., Sitko, M., Janson, M., Grady, C. A., Kudo, T., Akiyama, E., Kwon, J., Takahashi, Y., Suenaga, T., Abe, L., Brandner, W., Brandt, T. D., Currie, T., Egner, S. E., Feldt, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Honda, M., Ishii, M., Iye, M., Kandori, R., Knapp, G. R., 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., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Wisniewski, J. P., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M.  
 Surface Geometry of Protoplanetary Disks Inferred From Near-Infrared Imaging Polarimetry.  
*ApJ*, 795, 71, 11 / 2014.
1836. Ricci, C., Tazaki, F., Ueda, Y., Paltani, S., Boissay, R., and Terashima, Y.  
 Suzaku Observation of IRAS 00521-7054, a Peculiar Type-II AGN with a Very Broad Feature at 6 keV.  
*ApJ*, 795, 147, 11 / 2014.
1837. Kawabata, K. S., Akitaya, H., Yamanaka, M., Itoh, R., Maeda, K., Moritani, Y., Ui, T., Kawabata, M., Mori, K., Nogami, D., Nomoto, K., Suzuki, N., Takaki, K., Tanaka, M.,

- Ueno, I., Chiyonobu, S., Harao, T., Matsui, R., Miyamoto, H., Nagae, O., Nakashima, A., Nakaya, H., Ohashi, Y., Ohsugi, T., Komatsu, T., Sakimoto, K., Sasada, M., Sato, H., Tanaka, H., Urano, T., Yamashita, T., Yoshida, M., Arai, A., Ebisuda, N., Fukazawa, Y., Fukui, A., Hashimoto, O., Honda, S., Izumiura, H., Kanda, Y., Kawaguchi, K., Kawai, N., Kuroda, D., Masumoto, K., Matsumoto, K., Nakaoka, T., Takata, K., Uemura, M., and Yanagisawa, K.
- Optical and Near-infrared Polarimetry of Highly Reddened Type Ia Supernova 2014J: Peculiar Properties of Dust in M82.  
ApJ, 795, L4, 11 / 2014.
1838. Kwon, J., Tamura, M., Hough, J. H., Kusakabe, N., Nagata, T., Nakajima, Y., Lucas, P. W., Nagayama, T., and Kandori, R.
- Near-infrared Circular Polarization Survey in Star-forming Regions: Correlations and Trends.  
ApJ, 795, L16, 11 / 2014.
1839. Itoh, Y., Oasa, Y., Kudo, T., Kusakabe, N., Hashimoto, J., Abe, L., Brandner, W., Brandt, T. D., Carson, J. C., Egner, S., Feldt, M., Grady, C. A., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S. S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kuzuhara, M., Kwon, J., Matsuo, T., McElwain, M. W., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Sue-naga, T., Suto, H., Suzuki, R., Takahashi, Y. H., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Wisniewski, J., Yamada, T., Mayama, S., Currie, T., Takami, H., Usuda, T., and Tamura, M.
- Near-infrared polarimetry of the GG Tauri A binary system.  
Research in Astronomy and Astrophysics, 14, 1438–1446, 11 / 2014.
1840. Chartier, A., Mitchell, C. N., Lu, G., Anderson, J. L., Collins, N., Hoar, T. J., Bust, G. S., and Matsuo, T.
- Ensemble Ionospheric Total Electron Content Forecasting during Storms.  
AGU Fall Meeting Abstracts, page A3976, 12 / 2014.
1841. Thomas, Z. M., Matsuo, T., Nychka, D. W., Cousins, E. D. P., and Wiltberger, M. J.
- Multi-Resolution Assimilative Analysis of High-Latitude Ionospheric Convection in both Hemispheres.  
AGU Fall Meeting Abstracts, page A4046, 12 / 2014.
1842. Matsuo, T., Fuller-Rowell, T. J., Akmaev, R. A., Wang, H., Fang, T. W., Ide, K., Kleist, D. T., Whitaker, J. S., Yue, X., Codrescu, M., Richmond, A. D., Immel, T. J., Anderson, B. J., Paxton, L. J., and Liu, J. Y.
- Predictability and Ensemble Modeling of the Space-Atmosphere Interaction Region.  
AGU Fall Meeting Abstracts, page A4047, 12 / 2014.

1843. McGranaghan, R. M., Knipp, D. J., Matsuo, T., and Godinez, H. C.  
 Global High-Latitude Conductivity Modeling: New Data and Improved Methods.  
 AGU Fall Meeting Abstracts, page B4063, 12 / 2014.
1844. Yudin, V. A., England, S., Matsuo, T., Wang, H., Immel, T. J., Eastes, R., Akmaev, R. A., Goncharenko, L. P., Fuller-Rowell, T. J., Liu, H., Solomon, S. C., and Wu, Q.  
 Supporting ITM Missions by Observing System Simulation Experiments: Initial Design, Challenges and Perspectives.  
 AGU Fall Meeting Abstracts, page B4066, 12 / 2014.
1845. Richmond, A. D., Matsuo, T., Cousins, E. D. P., Knipp, D. J., Lu, G., and Marsal, S.  
 Principles and Problems of Data Assimilation for High-Latitude Ionospheric Electrodynamics.  
 AGU Fall Meeting Abstracts, page A2, 12 / 2014.
1846. Hunton, D., Pilinski, M., Crowley, G., Azeem, I., Fuller-Rowell, T. J., Matsuo, T., Fedrizzi, M., Solomon, S. C., Qian, L., Thayer, J. P., and Codrescu, M.  
 Ensemble Assimilation Using Three First-Principles Thermospheric Models as a Tool for 72-hour Density and Satellite Drag Forecasts.  
 AGU Fall Meeting Abstracts, page A4174, 12 / 2014.
1847. Hori, T., Ueda, Y., Shidatsu, M., Kawamuro, T., Kubota, A., Done, C., Nakahira, S., Tsumura, K., Shirahata, M., and Nagayama, T.  
 Erratum: "Suzaku Observation of the Black Hole Binary 4U 1630-47 in the Very High State" [\[A href="/abs/2014ApJ...790...20H"\]](#)(2014, ApJ, 790, 20)[\[A\]](#).  
 ApJ, 796, 146, 12 / 2014.
1848. Castro, A., Miyaji, T., Shirahata, M., Ichikawa, K., Oyabu, S., Clark, D. M., Imanishi, M., Nakagawa, T., and Ueda, Y.  
 AKARI infrared camera observations of the 3.3  $\mu$ m PAH feature in Swift/BAT AGNs.  
 PASJ, 66, 110, 12 / 2014.
1849. Pavlenko, E. P., Kato, T., Antonyuk, O. I., Ohshima, T., Hambach, F.-J., Antonyuk, K. A., Sosnovskij, A. A., Baklanov, A. V., Shugarov, S. Y., Pit, N. V., Nakata, C., Masi, G., Nakajima, K., Maehara, H., Dubovsky, P. A., Kudzej, I., Andreev, M. V., Kuznyetsova, Y. G., and Vasiliskov, K. A.  
 NY Serpentis: SU UMa-type nova in the period gap with diversity of normal outbursts.  
 PASJ, 66, 111, 12 / 2014.
1850. Pavlenko, E. P., Kato, T., Sosnovskij, A. A., Andreev, M. V., Ohshima, T., Sklyanov, A. S., Bikmaev, I. F., and Galeev, A. I.  
 Dwarf nova EZ Lyncis second visit to instability strip.  
 PASJ, 66, 113, 12 / 2014.
1851. Nakata, C., Kato, T., Nogami, D., Pavlenko, E. P., Ohshima, T., de Miguel, E.,

- Stein, W., Siokawa, K., Morelle, E., Itoh, H., Dubovsky, P. A., Kudzej, I., Maehara, H., Henden, A., Goff, W. N., Dvorak, S., Antonyuk, O. I., and Muyllaert, E.  
 OT J075418.7+381225 and OT J230425.8+062546: Promising candidates for the period bouncer.  
*PASJ*, 66, 116, 12 / 2014.
1852. Isobe, N., Sato, R., Ueda, Y., Hayashida, M., Shidatsu, M., Kawamuro, T., Ueno, S., Sugizaki, M., Sugimoto, J., Mihara, T., Matsuoka, M., and Negoro, H.  
 MAXI Investigation into the Long-term X-Ray Variability from the Very-high-energy  $\gamma$ -Ray Blazar Mrk 421.  
*ApJ*, 798, 27, 01 / 2015.
1853. Yabe, K., Ohta, K., Akiyama, M., Iwamuro, F., Tamura, N., Yuma, S., Dalton, G., and Lewis, I.  
 The Gas Inflow and Outflow Rate in Star-forming Galaxies at  $z \sim 1.4$ .  
*ApJ*, 798, 45, 01 / 2015.
1854. Follette, K. B., Grady, C. A., Swearingen, J. R., Sitko, M. L., Champney, E. H., van der Marel, N., Takami, M., Kuchner, M. J., Close, L. M., Muto, T., Mayama, S., McElwain, M. W., Fukagawa, M., Maaskant, K., Min, M., Russell, R. W., Kudo, T., Kusakabe, N., Hashimoto, J., Abe, L., Akiyama, E., Brandner, W., Brandt, T. D., 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., Kandori, R., Knapp, G. R., Kuzuhara, M., Kwon, J., Matsuo, T., Miyama, S., Morino, J.-I., Moro-Martin, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Wisniewski, J. P., Yamada, T., Takami, H., Usuda, T., and Tamura, M.  
 SEEDS Adaptive Optics Imaging of the Asymmetric Transition Disk Oph IRS 48 in Scattered Light.  
*ApJ*, 798, 132, 01 / 2015.
1855. Ishiguro, M., Kuroda, D., Hanayama, H., Takahashi, J., Hasegawa, S., Sarugaku, Y., Watanabe, M., Imai, M., Goda, S., Akitaya, H., Takagi, Y., Morihana, K., Honda, S., Arai, A., Sekiguchi, K., Oasa, Y., Saito, Y., Morokuma, T., Murata, K., Nogami, D., Nagayama, T., Yanagisawa, K., Yoshida, M., Ohta, K., Kawai, N., Miyaji, T., Fukushima, H., Watanabe, J.-i., Opitom, C., Jehin, E., Gillon, M., and Vaubaillon, J. J.  
 Dust from Comet 209P/LINEAR during its 2014 Return: Parent Body of a New Meteor Shower, the May Camelopardalids.  
*ApJ*, 798, L34, 01 / 2015.
1856. Hashimoto, J., Tsukagoshi, T., Brown, J. M., Dong, R., Muto, T., Zhu, Z., Wisniewski, J., Ohashi, N., kudo, T., Kusakabe, N., Abe, L., Akiyama, E., Brandner, W.,

- Brandt, T., Carson, J., Currie, T., Egner, S., Feldt, 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., Kuzuhara, M., Kwon, J., Matsuo, T., McElwain, M. W., Mayama, S., Mede, K., 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.
- The Structure of Pre-transitional Protoplanetary Disks. II. Azimuthal Asymmetries, Different Radial Distributions of Large and Small Dust Grains in PDS 70.  
ApJ, 799, 43, 01 / 2015.
1857. Matsunaga, N., Fukue, K., Yamamoto, R., Kobayashi, N., Inno, L., Genovali, K., Bono, G., Baba, J., Fujii, M. S., Kondo, S., Ikeda, Y., Hamano, S., Nishiyama, S., Nagata, T., Aoki, W., and Tsujimoto, T.
- Kinematics of Classical Cepheids in the Nuclear Stellar Disk.  
ApJ, 799, 46, 01 / 2015.
1858. Milisavljevic, D., Margutti, R., Parrent, J. T., Soderberg, A. M., Fesen, R. A., Mazzali, P., Maeda, K., Sanders, N. E., Cenko, S. B., Silverman, J. M., Filippenko, A. V., Kamble, A., Chakraborti, S., Drout, M. R., Kirshner, R. P., Pickering, T. E., Kawabata, K., Hattori, T., Hsiao, E. Y., Stritzinger, M. D., Marion, G. H., Vinko, J., and Wheeler, J. C.
- The Broad-lined Type Ic SN 2012ap and the Nature of Relativistic Supernovae Lacking a Gamma-Ray Burst Detection.  
ApJ, 799, 51, 01 / 2015.
1859. Tazaki, R. and Nomura, H.
- Outward Motion of Porous Dust Aggregates by Stellar Radiation Pressure in Protoplanetary Disks.  
ApJ, 799, 119, 02 / 2015.
1860. Krumpe, M., Miyaji, T., Brunner, H., Hanami, H., Ishigaki, T., Takagi, T., Markowitz, A. G., Goto, T., Malkan, M. A., Matsuura, H., Pearson, C., Ueda, Y., and Wada, T.
- Chandra survey in the AKARI North Ecliptic Pole Deep Field - I. X-ray data, point-like source catalogue, sensitivity maps, and number counts.  
MNRAS, 446, 911–931, 01 / 2015.
1861. Leloudas, G., Hsiao, E. Y., Johansson, J., Maeda, K., Moriya, T. J., Nordin, J., Petrushevska, T., Silverman, J. M., Sollerman, J., Stritzinger, M. D., Taddia, F., and Xu, D.
- Supernova spectra below strong circumstellar interaction.  
A&A, 574, A61, 02 / 2015.
1862. Diehl, R., Siegert, T., Hillebrandt, W., Krause, M., Greiner, J., Maeda, K., Röpke, F. K.,

- Sim, S. A., Wang, W., and Zhang, X.  
SN2014J gamma rays from the  $^{56}\text{Ni}$  decay chain.  
A&A, 574, A72, 02 / 2015.
1863. Grady, C., Fukagawa, M., Maruta, Y., Ohta, Y., Wisniewski, J., Hashimoto, J., Okamoto, Y., Momose, M., Currie, T., McElwain, M., Muto, T., Kotani, T., Kusakabe, N., Feldt, M., Sitko, M., Follette, K., Bonnefoy, M., Henning, T., Takami, M., Karr, J., Kwon, J., Kudo, T., Abe, L., Brandner, W., Brandt, T., Carson, J., Egner, S., Goto, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Hodapp, K., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G., Kuzuhara, M., Matsuo, T., Miyama, S., Morino, J.-I., Moro-Martín, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y. H., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., Usuda, T., and Tamura, M.  
The outer disks of Herbig stars from the UV to NIR.  
Ap&SS, 355, 253–266, 02 / 2015.
1864. Seitenzahl, I. R., Summa, A., Krauß, F., Sim, S. A., Diehl, R., Elsässer, D., Fink, M., Hillebrandt, W., Kromer, M., Maeda, K., Mannheim, K., Pakmor, R., Röpke, F. K., Ruiter, A. J., and Wilms, J.  
5.9-keV Mn K-shell X-ray luminosity from the decay of  $^{55}\text{Fe}$  in Type Ia supernova models.  
MNRAS, 447, 1484–1490, 02 / 2015.
1865. Konishi, M., Shibai, H., Sumi, T., Fukagawa, M., Matsuo, T., Samland, M. S., Yamamoto, K., Sudo, J., Itoh, Y., Arimoto, N., Kajisawa, M., Abe, L., Brandner, W., Brandt, T. D., Carson, J., Currie, T., Egner, S. E., Feldt, M., Goto, M., Grady, C. A., Guyon, O., Hashimoto, J., Hayano, Y., Hayashi, M., Hayashi, S. S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kudo, T., Kusakabe, N., Kuzuhara, M., Kwon, J., McElwain, M. W., Miyama, S., Morino, J.-I., Moro-Martín, A., Nishimura, T., Pyo, T.-S., Serabyn, E., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y. H., Takami, H., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Usuda, T., Watanabe, M., Wisniewski, J. P., Yamada, T., and Tamura, M.  
Indications of M-dwarf deficits in the halo and thick disk of the Galaxy.  
PASJ, 67, 1, 02 / 2015.
1866. Kato, T., Hambsch, F.-J., Oksanen, A., Starr, P., and Henden, A.  
CC Sculptoris: Eclipsing SU UMa-type intermediate polar.  
PASJ, 67, 3, 02 / 2015.
1867. Isogai, M., Arai, A., Yonehara, A., Kawakita, H., Uemura, M., and Nogami, D.  
Optical dual-band photometry and spectroscopy of the WZ Sge-type dwarf nova EZ Lyn during the 2010 superoutburst.  
PASJ, 67, 7, 02 / 2015.

1868. Sasaki, T.  
Origin and Early Evolution of the Earth.  
Journal of Japanese Society for Extremophiles, 13, 71-75, 02 / 2015.
1869. Takeuchi, T. M., Ohta, K., Yuma, S., and Yabe, K.  
When did Round Disk Galaxies Form?  
ApJ, 801, 2, 03 / 2015.
1870. Yamaguchi, H., Badenes, C., Foster, A. R., Bravo, E., Williams, B. J., Maeda, K., Nobukawa, M., Eriksen, K. A., Brickhouse, N. S., Petre, R., and Koyama, K.  
A Chandrasekhar Mass Progenitor for the Type Ia Supernova Remnant 3C 397 from the Enhanced Abundances of Nickel and Manganese.  
ApJ, 801, L31, 03 / 2015.
1871. Nishiyama, S., Hatano, H., Nagata, T., and Tamura, M.  
Near-infrared Polarimetry and Interstellar Magnetic Fields in the Galactic Center.  
Highlights of Astronomy, 16, 387–387, 03 / 2015.
1872. Saito, T., Matsuda, Y., Lacey, C. G., Smail, I., Orsi, A., Baugh, C. M., Inoue, A. K., Tanaka, I., Yamada, T., Ohta, K., De Breuck, C., Kodama, T., and Taniguchi, Y.  
The environments of Ly  $\alpha$  blobs - I. Wide-field Ly  $\alpha$  imaging of TN J1338-1942, a powerful radio galaxy at  $z \sim 4.1$  associated with a giant Ly  $\alpha$  nebula.  
MNRAS, 447, 3069–3086, 03 / 2015.
1873. Dobrotka, A., Mineshige, S., and Ness, J.-U.  
Rms-flux relation and fast optical variability simulations of the nova-like system MV Lyr.  
MNRAS, 447, 3162–3169, 03 / 2015.