

<学術論文>

2249. Shidatsu, M., Nakahira, S., Murata, K. L., Adachi, R., Kawai, N., Ueda, Y., and Negoro, H.
X-Ray and Optical Monitoring of State Transitions in MAXI J1820+070.
ApJ, 874(2), 183, 04 / 2019.
2250. Nakaoka, T., Moriya, T. J., Tanaka, M., Yamanaka, M., Kawabata, K. S., Maeda, K., Kawabata, M., Kawahara, N., Itagaki, K., Ouchi, R., Blinnikov, S. I., Tominaga, N., and Uemura, M.
SN 2017czd: A Rapidly Evolving Supernova from a Weak Explosion of a Type IIb Supernova Progenitor.
ApJ, 875(1), 76, 04 / 2019.
2251. Notsu, S., Akiyama, E., Booth, A., Nomura, H., Walsh, C., Hirota, T., Honda, M., Tsukagoshi, T., and Millar, T. J.
Dust Continuum Emission and the Upper Limit Fluxes of Submillimeter Water Lines of the Protoplanetary Disk around HD 163296 Observed by ALMA.
ApJ, 875(2), 96, 04 / 2019.
2252. Ogawa, S., Ueda, Y., Yamada, S., Tanimoto, A., and Kawaguchi, T.
Application of Clumpy Torus Model to Broadband X-Ray Spectra of Two Seyfert 1 Galaxies: IC 4329A and NGC 7469.
ApJ, 875(2), 115, 04 / 2019.
2253. Moriya, T. J., Tanaka, M., Yasuda, N., Jiang, J.-a., Lee, C.-H., Maeda, K., Morokuma, T., Nomoto, K., Quimby, R. M., Suzuki, N., Takahashi, I., Tanaka, M., Tominaga, N., Yamaguchi, M., Bernard, S. R., Cooke, J., Curtin, C., Galbany, L., González-Gaitán, S., Pignata, G., Pritchard, T., Komiyama, Y., and Lupton, R. H.
First Release of High-Redshift Superluminous Supernovae from the Subaru HIGH-Z SUPERNOVA Campaign (SHIZUCA). I. Photometric Properties.
ApJS, 241(2), 16, 04 / 2019.
2254. Curtin, C., Cooke, J., Moriya, T. J., Tanaka, M., Quimby, R. M., Bernard, S. R., Galbany, L., Jiang, J.-a., Lee, C.-H., Maeda, K., Morokuma, T., Nomoto, K., Pignata, G., Pritchard, T., Suzuki, N., Takahashi, I., Tanaka, M., Tominaga, N., Yamaguchi, M., and Yasuda, N.
First Release of High-redshift Superluminous Supernovae from the Subaru HIGH-Z SUPERNOVA Campaign (SHIZUCA). II. Spectroscopic Properties.
ApJS, 241(2), 17, 04 / 2019.
2255. Torigoe, K., Fukazawa, Y., Galgóczi, G., Mizuno, T., Nakazawa, K., Ohno, M., Pál, A.,

- Takahashi, H., Tanaka, K., Tarcai, N., Uchida, N., Werner, N., Enoto, T., Frei, Z., Ichinohe, Y., Kiss, L., Odaka, H., Řípa, J., and Várhegyi, Z.
Performance study of a large CsI(Tl) scintillator with an MPPC readout for nanosatellites used to localize gamma-ray bursts.
Nuclear Instruments and Methods in Physics Research A, 924, 316–320, 04 / 2019.
2256. Goto, T., Oi, N., Utsumi, Y., Momose, R., Matsuhara, H., Hashimoto, T., Toba, Y., Ohyama, Y., Takagi, T., Chiang, C.-Y., Kim, S. J., Kilerci Eser, E., Malkan, M., Kim, H., Miyaji, T., Im, M., Nakagawa, T., Jeong, W.-S., Pearson, C., Barrufet, L., Sedgwick, C., Burgarella, D., Buat, V., and Ikeda, H.
Infrared luminosity functions based on 18 mid-infrared bands: revealing cosmic star formation history with AKARI and Hyper Suprime-Cam*.
PASJ, 71(2), 30, 04 / 2019.
2257. Isogai, K., Kato, T., Monard, B., Hamsch, F.-J., Myers, G., Starr, P., Cook, L. M., and Nogami, D.
NSV 1440: first WZ Sge-type object in AM CVn stars and candidates.
PASJ, 71(2), 48, 04 / 2019.
2258. Kato, T., Pavlenko, E. P., Pit, N. V., Antonyuk, K. A., Antonyuk, O. I., Babina, J. V., Baklanov, A. V., Sosnovskij, A. A., Belan, S. P., Maeda, Y., Sugiura, Y., Sumiya, S., Matsumoto, H., Ito, D., Nikai, K., Kojiguchi, N., Matsumoto, K., Dubovsky, P. A., Kudzej, I., Medulka, T., Wakamatsu, Y., Ohnishi, R., Seki, T., Isogai, K., Simon, A. O., Romanjuk, Y. O., Baransky, A. R., Sergeev, A. V., Godunova, V. G., Izviekova, I. O., Kozlov, V. A., Sklyanov, A. S., Zhuchkov, R. Y., Gutaev, A. G., Ponomarenko, V. O., Vasylenko, V. V., Miller, I., Kasai, K., Dvorak, S., Menzies, K., de Miguel, E., Brin-cat, S. M., and Pickard, R. D.
Discovery of standstills in the SU UMa-type dwarf nova NY Serpentis.
PASJ, 71(2), L1, 04 / 2019.
2259. Yasuda, H. and Lee, S.-H.
Time Evolution of Broadband Nonthermal Emission from Supernova Remnants in Different Circumstellar Environments.
ApJ, 876(1), 27, 05 / 2019.
2260. Wang, J.-W., Nagata, T., Zenko, T., and et al.
JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146.
ApJ, 876(1), 42, 05 / 2019.
2261. Notsu, Y., Maehara, H., Honda, S., Hawley, S. L., Davenport, J. R. A., Namekata, K., Notsu, S., Ikuta, K., Nogami, D., and Shibata, K.
Do Kepler Superflare Stars Really Include Slowly Rotating Sun-like Stars?—Results Using APO 3.5 m Telescope Spectroscopic Observations and Gaia-DR2 Data.

- ApJ, 876(1), 58, 05 / 2019.
2262. Hatsukade, B., Hashimoto, T., Kohno, K., Nakanishi, K., Ohta, K., Niino, Y., Tamura, Y., and Tóth, L. V.
Molecular Gas Properties in the Host Galaxy of GRB 080207.
ApJ, 876(2), 91, 05 / 2019.
2263. Yamada, S., Ueda, Y., Tanimoto, A., Kawamuro, T., Imanishi, M., and Toba, Y.
Luminosity Ratio between [O IV] 25.89 μm Line and Nuclear Continuum 12 μm as a Diagnostic for “Buried” AGNs.
ApJ, 876(2), 96, 05 / 2019.
2264. Noboriguchi, A., Nagao, T., Toba, Y., Niida, M., Kajisawa, M., Onoue, M., Matsuoka, Y., Yamashita, T., Chang, Y.-Y., Kawaguchi, T., Komiyama, Y., Nobuhara, K., Terashima, Y., and Ueda, Y.
Optical Properties of Infrared-bright Dust-obscured Galaxies Viewed with Subaru Hyper Suprime-Cam.
ApJ, 876(2), 132, 05 / 2019.
2265. Liu, J., Nagata, T., Zenko, T., and et al.
The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C.
ApJ, 877(1), 43, 05 / 2019.
2266. Pavlenko, E., Nijijima, K., Mason, P., Wells, N., Sosnovskij, A., Antonyuk, K., Simon, A., Pit, N., Littlefield, C., Itoh, H., Kiyota, S., Tordai, T., Dubovsky, P., Vanmunster, T., Stone, G., Kato, T., Sergeev, A., Godunova, V., Lyumanov, E., Antonyuk, O., Baklanov, A., Babina, J., Isogai, K., Romanyuk, Y., Troianskyi, V., and Kashuba, V.
ASASSN-18fk: A new WZ Sge-type dwarf nova with multiple rebrightenings and a new candidate for a superhumping intermediate polar.
Contributions of the Astronomical Observatory Skalnaté Pleso, 49(2), 204–216, 05 / 2019.
2267. Tsuchikawa, T., Kaneda, H., Oyabu, S., Kokusho, T., Morihana, K., Kobayashi, H., Yamagishi, M., and Toba, Y.
Near- to mid-infrared spectroscopy of the heavily obscured AGN LEDA 1712304 with AKARI/IRC.
A&A, 626, A130, 06 / 2019.
2268. Bogdanov, S., Ho, W. C. G., Enoto, T., Guillot, S., Harding, A. K., Jaisawal, G. K., Malacaria, C., Manthripragada, S. S., Arzoumanian, Z., and Gendreau, K. C.
Neutron Star Interior Composition Explorer X-Ray Timing of the Radio and γ -Ray Quiet Pulsars PSR J1412+7922 and PSR J1849-0001.
ApJ, 877(2), 69, 06 / 2019.
2269. Coudé, S., Nagata, T., Zenko, T., and et al.
The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region.

- ApJ, 877(2), 88, 06 / 2019.
2270. Ouchi, R. and Maeda, K.
Constraining Massive Star Activities in the Final Years through Properties of Supernovae and Their Progenitors.
ApJ, 877(2), 92, 06 / 2019.
2271. Tanimoto, A., Ueda, Y., Odaka, H., Kawaguchi, T., Fukazawa, Y., and Kawamuro, T.
XCLUMPY: X-Ray Spectral Model from Clumpy Torus and Its Application to the Circinus Galaxy.
ApJ, 877(2), 95, 06 / 2019.
2272. Güver, T., Göğüş, E., Vurgun, E., Enoto, T., Gendreau, K. C., Sakamoto, T., Gotthelf, E. V., Arzoumanian, Z., Guillot, S., Jaisawal, G. K., Malacaria, C., and Majid, W. A.
NICER Observations of the 2018 Outburst of XTE J1810-197.
ApJ, 877(2), L30, 06 / 2019.
2273. Yamaguchi, Y., Kohno, K., Hatsukade, B., Wang, T., Yoshimura, Y., Ao, Y., Caputi, K. I., Dunlop, J. S., Egami, E., Espada, D., Fujimoto, S., Hayatsu, N. H., Ivison, R. J., Kodama, T., Kusakabe, H., Nagao, T., Ouchi, M., Rujopakarn, W., Tadaki, K.-i., Tamura, Y., Ueda, Y., Umehata, H., Wang, W.-H., and Yun, M. S.
ALMA 26 arcmin² Survey of GOODS-S at 1 mm (ASAGAO): Near-infrared-dark Faint ALMA Sources.
ApJ, 878(1), 73, 06 / 2019.
2274. Iwakiri, W. B., Pottschmidt, K., Falkner, S., Hemphill, P. B., Fürst, F., Nishimura, O., Schwarm, F.-W., Wolff, M. T., Marcu-Cheatham, D. M., Chakrabarty, D., Tomsick, J. A., Wilson-Hodge, C. A., Bissinger Kühnel, M., Terada, Y., Enoto, T., and Wilms, J.
Spectral and Timing Analysis of the Accretion-powered Pulsar 4U 1626-67 Observed with Suzaku and NuSTAR.
ApJ, 878(2), 121, 06 / 2019.
2275. Abbott, B. P., Enoto, T., and et al.
Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015-2017 LIGO Data.
ApJ, 879(1), 10, 07 / 2019.
2276. Ray, P. S., Guillot, S., Ho, W. C. G., Kerr, M., Enoto, T., Gendreau, K. C., Arzoumanian, Z., Altamirano, D., Bogdanov, S., Champion, R., Chakrabarty, D., Deneva, J. S., Jaisawal, G. K., Kozon, R., Malacaria, C., Strohmayer, T. E., and Wolff, M. T.
Anti-glitches in the Ultraluminous Accreting Pulsar NGC 300 ULX-1 Observed with NICER.
ApJ, 879(2), 130, 07 / 2019.

2277. Toba, Y., Yamashita, T., Nagao, T., Wang, W.-H., Ueda, Y., Ichikawa, K., Kawaguchi, T., Akiyama, M., Hsieh, B.-C., Kajisawa, M., Lee, C.-H., Matsuoka, Y., Noboriguchi, A., Onoue, M., Schramm, M., Tanaka, M., and Komiyama, Y.
A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). II. Physical Properties Derived from the SED Fitting with Optical, Infrared, and Radio Data.
ApJS, 243(1), 15, 07 / 2019.
2278. Yamanaka, A. and Sasaki, T.
Orbital evolution of a circumbinary planet in a gaseous disk.
Earth, Planets, and Space, 71(1), 82, 07 / 2019.
2279. Hayakawa, H., Willis, D. M., Hattori, K., Notsu, Y., Wild, M. N., and Karoff, C.
Unaided-eye Sunspot Observations in 1769 November: A Comparison of Graphical Records in the East and the West.
Sol. Phys., 294(7), 95, 07 / 2019.
2280. Řípa, J., Galgóczi, G., Werner, N., Pál, A., Ohno, M., Mészáros, L., Mizuno, T., Tarcsei, N., Torigoe, K., Uchida, N., Fukazawa, Y., Takahashi, H., Nakazawa, K., Hirade, N., Hirose, K., Hisadomi, S., Enoto, T., Odaka, H., Ichinohe, Y., Frei, Z., and Kiss, L.
Estimation of the detected background by the future gamma ray transient mission CAMELOT.
Astronomische Nachrichten, 340(7), 666–673, 08 / 2019.
2281. Malacaria, C., Bogdanov, S., Ho, W. C. G., Enoto, T., Ray, P. S., Arzoumanian, Z., Cazeau, T., Gendreau, K. C., Guillot, S., Güver, T., Jaisawal, G. K., Wolff, M. T., NICER Magnetar,, and Magnetospheres Team.,
A Joint NICER and XMM-Newton View of the “Magnificent” Thermally Emitting X-Ray Isolated Neutron Star RX J1605.3+3249.
ApJ, 880(2), 74, 08 / 2019.
2282. Onoue, M., Kashikawa, N., Matsuoka, Y., Kato, N., Izumi, T., Nagao, T., Strauss, M. A., Harikane, Y., Imanishi, M., Ito, K., Iwasawa, K., Kawaguchi, T., Lee, C.-H., Noboriguchi, A., Suh, H., Tanaka, M., and Toba, Y.
Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). VI. Black Hole Mass Measurements of Six Quasars at $6.1 \leq z \leq 6.7$.
ApJ, 880(2), 77, 08 / 2019.
2283. Oh, K., Ueda, Y., Akiyama, M., Suh, H., Koss, M. J., Kashino, D., and Hasinger, G.
An Observational Link between AGN Eddington Ratio and $[\text{N II}]\lambda 6583/\text{H}\alpha$ at $0.6 \leq z \leq 1.7$.
ApJ, 880(2), 112, 08 / 2019.
2284. Suzuki, A. and Maeda, K.
Three-dimensional Hydrodynamic Simulations of Supernova Ejecta with a Central Energy

- Source.
ApJ, 880(2), 150, 08 / 2019.
2285. Kawamuro, T., Ueda, Y., Ichikawa, K., Imanishi, M., Izumi, T., Tanimoto, A., and Matsuoka, K.
A NuSTAR and XMM-Newton Study of the Two Most Actively Star-forming Green Pea Galaxies (SDSS J0749+3337 and SDSS J0822+2241).
ApJ, 881(1), 48, 08 / 2019.
2286. Yamashiki, Y. A., Maehara, H., Airapetian, V., Notsu, Y., Sato, T., Notsu, S., Kuroki, R., Murashima, K., Sato, H., Namekata, K., Sasaki, T., Scott, T. B., Bando, H., Nashimoto, S., Takagi, F., Ling, C., Nogami, D., and Shibata, K.
Impact of Stellar Superflares on Planetary Habitability.
ApJ, 881(2), 114, 08 / 2019.
2287. Kawanaka, N. and Masada, Y.
Neutrino-dominated Accretion Flows with Magnetic Prandtl Number-dependent MRI-driven Turbulence.
ApJ, 881(2), 138, 08 / 2019.
2288. Schramm, M., Rujopakarn, W., Silverman, J. D., Nagao, T., Schulze, A., Akiyama, M., Ikeda, H., Ohta, K., and Kotilainen, J.
A Catastrophic Failure to Build a Massive Galaxy around a Supermassive Black Hole at $z = 3.84$.
ApJ, 881(2), 145, 08 / 2019.
2289. Yasuda, N., Tanaka, M., Tominaga, N., Jiang, J.-a., Moriya, T. J., Morokuma, T., Suzuki, N., Takahashi, I., Yamaguchi, M. S., Maeda, K., Sako, M., Ikeda, S., Kimura, A., Morii, M., Ueda, N., Yoshida, N., Lee, C.-H., Suyu, S. H., Komiyama, Y., Regnault, N., and Rubin, D.
The Hyper Suprime-Cam SSP transient survey in COSMOS: Overview.
PASJ, 71(4), 74, 08 / 2019.
2290. Wada, Y., Enoto, T., Nakazawa, K., Furuta, Y., Yuasa, T., Nakamura, Y., Morimoto, T., Matsumoto, T., Makishima, K., and Tsuchiya, H.
Downward Terrestrial Gamma-Ray Flash Observed in a Winter Thunderstorm.
Phys. Rev. Lett., 123(6), 061103, 08 / 2019.
2291. Alp, D., Larsson, J., Maeda, K., Fransson, C., Wongwathanarat, A., Gabler, M., Janka, H.-T., Jerkstrand, A., Heger, A., and Menon, A.
X-Ray and Gamma-Ray Emission from Core-collapse Supernovae: Comparison of Three-dimensional Neutrino-driven Explosions with SN 1987A.
ApJ, 882(1), 22, 09 / 2019.
2292. Moriya, T. J., Tanaka, M., Morokuma, T., Pan, Y.-C., Quimby, R. M., Jiang, J.-a.,

- Kawana, K., Maeda, K., Nomoto, K., Suzuki, N., Takahashi, I., Tanaka, M., Tominaga, N., Yamaguchi, M., Yasuda, N., Cooke, J., Curtin, C., Galbany, L., González-Gaitán, S., Lee, C.-H., Pignata, G., and Pritchard, T.
HSC16aayt: A Slowly Evolving Interacting Transient Rising for More than 100 Days.
ApJ, 882(1), 70, 09 / 2019.
2293. Singh, A., Sahu, D. K., Anupama, G. C., Kumar, B., Kumar, H., Yamanaka, M., Baklanov, P. V., Tominaga, N., Blinnikov, S. I., Maeda, K., Dutta, A., Bhalerao, V., Anche, R. M., Barway, S., Akitaya, H., Nakaoka, T., Kawabata, M., Kawabata, K. S., Sasada, M., Takagi, K., Maehara, H., Isogai, K., Kino, M., Taguchi, K., and Nagao, T.
SN 2018hna: 1987A-like Supernova with a Signature of Shock Breakout.
ApJ, 882(2), L15, 09 / 2019.
2294. Booth, A. S., Walsh, C., Ilee, J. D., Notsu, S., Qi, C., Nomura, H., and Akiyama, E.
The First Detection of $^{13}\text{C}^{17}\text{O}$ in a Protoplanetary Disk: A Robust Tracer of Disk Gas Mass.
ApJ, 882(2), L31, 09 / 2019.
2295. Tanimoto, A., Ueda, Y., Odaka, H., Kawaguchi, T., Fukazawa, Y., and Kawamuro, T.
Erratum: “XCLUMPY: X-Ray Spectral Model from Clumpy Torus and Its Application to the Circinus Galaxy” (<https://doi.org/10.3847/1538-4357/ab1b20>) 2019, ApJ, 877, 95i/Ai).
- ApJ, 883(1), 110, 09 / 2019.
2296. Ichikawa, K., Kawamuro, T., Shidatsu, M., Ricci, C., Bae, H.-J., Matsuoka, K., Shin, J., Toba, Y., Ueda, J., and Ueda, Y.
NuSTAR Discovery of Dead Quasar Engine in Arp 187.
ApJ, 883(1), L13, 09 / 2019.
2297. Tsuna, D. and Kawanaka, N.
Radio emission from accreting isolated black holes in our galaxy.
MNRAS, 488(2), 2099–2107, 09 / 2019.
2298. Takeo, E., Inayoshi, K., Ohsuga, K., Takahashi, H. R., and Mineshige, S.
Super-Eddington growth of black holes in the early universe: effects of disc radiation spectra.
MNRAS, 488(2), 2689–2700, 09 / 2019.
2299. Kumar, B., Eswaraiah, C., Singh, A., Sahu, D. K., Anupama, G. C., Kawabata, K. S., Yamanaka, M., Otsubo, I., Pandey, S. B., Nakaoka, T., Kawabata, M., Aryan, A., and Akitaya, H.
On the observational behaviour of the highly polarized Type II_n supernova SN 2017hcc.
MNRAS, 488(3), 3089–3099, 09 / 2019.
2300. Baek, J., Chung, A., Schawinski, K., Oh, K., Wong, O. I., Koss, M., Ricci, C., Trakht-

- enbrot, B., Smith, K. L., and Ueda, Y.
BAT AGN Spectroscopic Survey - XVII. The parsec-scale jet properties of the ultrahard X-ray-selected local AGNs.
MNRAS, 488(3), 4317–4328, 09 / 2019.
2301. Matsuoka, Y., Iwasawa, K., Onoue, M., Kashikawa, N., Strauss, M. A., Lee, C.-H., Imanishi, M., Nagao, T., Akiyama, M., Asami, N., Bosch, J., Furusawa, H., Goto, T., Gunn, J. E., Harikane, Y., Ikeda, H., Izumi, T., Kawaguchi, T., Kato, N., Kikuta, S., Kohno, K., Komiyama, Y., Koyama, S., Lupton, R. H., Minezaki, T., Miyazaki, S., Murayama, H., Niida, M., Nishizawa, A. J., Noboriguchi, A., Oguri, M., Ono, Y., Ouchi, M., Price, P. A., Sameshima, H., Schulze, A., Silverman, J. D., Sugiyama, N., Tait, P. J., Takada, M., Takata, T., Tanaka, M., Tang, J.-J., Toba, Y., Utsumi, Y., Wang, S.-Y., and Yamashita, T.
Subaru High- z Exploration of Low-luminosity Quasars (SHELLQs). X. Discovery of 35 Quasars and Luminous Galaxies at $5.7 \leq z \leq 7.0$.
ApJ, 883(2), 183, 10 / 2019.
2302. Miyaji, T., Herrera-Endoqui, M., Krumpe, M., Hanzawa, M., Shogaki, A., Matsuura, S., Tanimoto, A., Ueda, Y., Ishigaki, T., Barrufet, L., Brunner, H., Matsuhara, H., Goto, T., Takagi, T., Pearson, C., Burgarella, D., Oi, N., Malkan, M., Toba, Y., White, G. J., and Hanami, H.
Torus Constraints in ANEPD-CXO245: A Compton-thick AGN with Double-peaked Narrow Lines.
ApJ, 884(1), L10, 10 / 2019.
2303. Broomhall, A.-M., Davenport, J. R. A., Hayes, L. A., Inglis, A. R., Kolotkov, D. Y., McLaughlin, J. A., Mehta, T., Nakariakov, V. M., Notsu, Y., Pascoe, D. J., Pugh, C. E., and Van Doorselaere, T.
A Blueprint of State-of-the-art Techniques for Detecting Quasi-periodic Pulsations in Solar and Stellar Flares.
ApJS, 244(2), 44, 10 / 2019.
2304. Hashimoto, T., Hatsukade, B., Goto, T., Kim, S. J., Ohta, K., Nagao, T., Kong, A. K. H., Nakanishi, K., and Mao, J.
Star-formation rates of two GRB host galaxies at $z \sim 2$ and a [C II] deficit observed with ALMA.
MNRAS, 488(4), 5029–5041, 10 / 2019.
2305. Altan, M., Kato, T., Ishioka, R., Schmidtbreick, L., Güver, T., Uemura, M., Ak, T., Bianchini, A., Ayyıldız, Ö., Matsumoto, K., Esenoğlu, H., Bektöre, E., Ohshima, T., Özkan, T., Orakoğlu, Ö., Nakata, C., Hori, T., Masumoto, K., Akazawa, H., and Kawabata, M.

- Superhump period of SDSS J214354.59+124457.8: First Z Cam star with superhumps in the standstill.
MNRAS, 489(1), 1451–1462, 10 / 2019.
2306. Kitaguchi, T., Black, K., Enoto, T., Hayato, A., Hill, J. E., Iwakiri, W. B., Kaaret, P., Mizuno, T., and Tamagawa, T.
A convolutional neural network approach for reconstructing polarization information of photoelectric X-ray polarimeters.
Nuclear Instruments and Methods in Physics Research A, 942, 162389, 10 / 2019.
2307. Tamba, T., Bamba, A., Odaka, H., and Enoto, T.
Temporal and spectral X-ray properties of magnetar SGR 1900+14 derived from observations with NuSTAR and XMM-Newton.
PASJ, 71(5), 90, 10 / 2019.
2308. Matsubayashi, K., Ohta, K., Iwamuro, F., Iwata, I., Kambe, E., Tsutsui, H., Izumiura, H., Yoshida, M., and Hattori, T.
KOOLS-IFU: Kyoto Okayama Optical Low-dispersion Spectrograph with optical-fiber Integral Field Unit.
PASJ, 71(5), 102, 10 / 2019.
2309. Nagatomo, S., Nagata, T., and Nishiyama, S.
Interstellar extinction law toward the Galactic center. IV. J, H, and K_s bands from VVV red clump stars.
PASJ, 71(5), 106, 10 / 2019.
2310. Oda, S., Shidatsu, M., Nakahira, S., Tamagawa, T., Moritani, Y., Itoh, R., Ueda, Y., Negoro, H., Makishima, K., Kawai, N., and Mihara, T.
X-ray and optical observations of the black hole candidate MAXI J1828-249.
PASJ, 71(5), 108, 10 / 2019.
2311. Dobrotka, A., Negoro, H., and Mineshige, S.
Similar shot profile morphology of fast variability in a cataclysmic variable, X-ray binary, and blazar: The MV Lyrae case.
A&A, 631, A134, 11 / 2019.
2312. Matsuoka, T., Maeda, K., Lee, S.-H., and Yasuda, H.
Radio Emission from Supernovae in the Very Early Phase: Implications for the Dynamical Mass Loss of Massive Stars.
ApJ, 885(1), 41, 11 / 2019.
2313. Shibaike, Y., Ormel, C. W., Ida, S., Okuzumi, S., and Sasaki, T.
The Galilean Satellites Formed Slowly from Pebbles.
ApJ, 885(1), 79, 11 / 2019.
2314. Ablimit, I. and Maeda, K.

- Possible Contribution of Magnetized White Dwarf Binaries to Type Ia Supernova Populations.
ApJ, 885(2), 99, 11 / 2019.
2315. Tanikawa, A., Nomoto, K., Nakasato, N., and Maeda, K.
Double-detonation Models for Type Ia Supernovae: Trigger of Detonation in Companion White Dwarfs and Signatures of Companions' Stripped-off Materials.
ApJ, 885(2), 103, 11 / 2019.
2316. Hu, C.-P., Mihara, T., Sugizaki, M., Ueda, Y., and Enoto, T.
Monitoring the Superorbital Period Variation and Spin Period Evolution of SMC X-1.
ApJ, 885(2), 123, 11 / 2019.
2317. Ishizawa, Y., Sasaki, T., and Hosono, N.
Can the Uranian Satellites Form from a Debris Disk Generated by a Giant Impact?
ApJ, 885(2), 132, 11 / 2019.
2318. Halevi, G., Goulding, A., Greene, J., Coupon, J., Golob, A., Gwyn, S., Johnson, S. D., Moutard, T., Sawicki, M., Suh, H., and Toba, Y.
HSC-XD 52: An X-Ray Detected AGN in a Low-mass Galaxy at $z \sim 0.56$.
ApJ, 885(1), L3, 11 / 2019.
2319. Sawada, R. and Maeda, K.
Nucleosynthesis Constraints on the Energy Growth Timescale of a Core-collapse Supernova Explosion.
ApJ, 886(1), 47, 11 / 2019.
2320. Iaconi, R., Maeda, K., De Marco, O., Nozawa, T., and Reichardt, T.
Properties of the post-inspiral common envelope ejecta - I. Dynamical and thermal evolution.
MNRAS, 489(3), 3334–3350, 11 / 2019.
2321. Tinyanont, S., Lau, R. M., Kasliwal, M. M., Maeda, K., Smith, N., Fox, O. D., Gehrz, R. D., De, K., Jencson, J., Bally, J., and Masci, F.
Supernova 2014C: Ongoing Interaction with Extended Circumstellar Material with Silicate Dust.
ApJ, 887(1), 75, 12 / 2019.
2322. Moriyama, K., Mineshige, S., Honma, M., and Akiyama, K.
Black Hole Spin Measurement Based on Time-domain VLBI Observations of Infalling Gas Clouds.
ApJ, 887(2), 227, 12 / 2019.
2323. Miller, M. C., Lamb, F. K., Dittmann, A. J., Bogdanov, S., Arzoumanian, Z., Gendreau, K. C., Guillot, S., Harding, A. K., Ho, W. C. G., Lattimer, J. M., Ludlam, R. M., Mahmoodifar, S., Morsink, S. M., Ray, P. S., Strohmayer, T. E., Wood, K. S., Enoto, T.,

- Foster, R., Okajima, T., Prigozhin, G., and Soong, Y.
PSR J0030+0451 Mass and Radius from NICER Data and Implications for the Properties of Neutron Star Matter.
ApJ, 887(1), L24, 12 / 2019.
2324. Bogdanov, S., Guillot, S., Ray, P. S., Wolff, M. T., Chakrabarty, D., Ho, W. C. G., Kerr, M., Lamb, F. K., Lommen, A., Ludlam, R. M., Milburn, R., Montano, S., Miller, M. C., Bauböck, M., Özel, F., Psaltis, D., Remillard, R. A., Riley, T. E., Steiner, J. F., Strohmayer, T. E., Watts, A. L., Wood, K. S., Zeldes, J., Enoto, T., Okajima, T., Kellogg, J. W., Baker, C., Markwardt, C. B., Arzoumanian, Z., and Gendreau, K. C.
Constraining the Neutron Star Mass-Radius Relation and Dense Matter Equation of State with NICER. I. The Millisecond Pulsar X-Ray Data Set.
ApJ, 887(1), L25, 12 / 2019.
2325. Izumi, T., Onoue, M., Matsuoka, Y., Nagao, T., Strauss, M. A., Imanishi, M., Kashikawa, N., Fujimoto, S., Kohno, K., Toba, Y., Umehata, H., Goto, T., Ueda, Y., Shirakata, H., Silverman, J. D., Greene, J. E., Harikane, Y., Hashimoto, Y., Ikarashi, S., Iono, D., Iwasawa, K., Lee, C.-H., Minezaki, T., Nakanishi, K., Tamura, Y., Tang, J.-J., and Taniguchi, A.
Subaru High-z Exploration of Low-Luminosity Quasars (SHELLQs). VIII. A less biased view of the early co-evolution of black holes and host galaxies.
PASJ, 71(6), 111, 12 / 2019.
2326. Aihara, H., AlSayyad, Y., Ando, M., Armstrong, R., Bosch, J., Egami, E., Furusawa, H., Furusawa, J., Goulding, A., Harikane, Y., Hikage, C., Ho, P. T. P., Hsieh, B.-C., Huang, S., Ikeda, H., Imanishi, M., Ito, K., Iwata, I., Jaelani, A. T., Kakuma, R., Kawana, K., Kikuta, S., Kobayashi, U., Koike, M., Komiyama, Y., Li, X., Liang, Y., Lin, Y.-T., Luo, W., Lupton, R., Lust, N. B., MacArthur, L. A., Matsuoka, Y., Mineo, S., Miyatake, H., Miyazaki, S., More, S., Murata, R., Namiki, S. V., Nishizawa, A. J., Oguri, M., Okabe, N., Okamoto, S., Okura, Y., Ono, Y., Onodera, M., Onoue, M., Osato, K., Ouchi, M., Shibuya, T., Strauss, M. A., Sugiyama, N., Suto, Y., Takada, M., Takagi, Y., Takata, T., Takita, S., Tanaka, M., Terai, T., Toba, Y., Uchiyama, H., Utsumi, Y., Wang, S.-Y., Wang, W., and Yamada, Y.
Second data release of the Hyper Suprime-Cam Subaru Strategic Program.
PASJ, 71(6), 114, 12 / 2019.
2327. Yanagisawa, K., Shimizu, Y., Okita, K., Kuroda, D., Tsutsui, H., Koyano, H., Izumiura, H., Yoshida, M., Ohta, K., Kawai, N., Nakada, Y., and Yamamuro, T.
Okayama Astrophysical Observatory Wide-Field Camera.
PASJ, 71(6), 118, 12 / 2019.

2328. Saida, H., Nishiyama, S., Ohgami, T., Takamori, Y., Takahashi, M., Minowa, Y., Najarro, F., Hamano, S., Omiya, M., Iwamatsu, A., Takahashi, M., Gorin, H., Kara, T., Koyama, A., Ohashi, Y., Tamura, M., Nagatomo, S., Zenko, T., and Nagata, T.
A significant feature in the general relativistic time evolution of the redshift of photons coming from a star orbiting Sgr A*.
PASJ, 71(6), 126, 12 / 2019.
2329. Kato, T., Hamsch, F.-J., Monard, B., Nelson, P., Stubbings, R., and Starr, P.
CS Indi: SU UMa-type dwarf nova with long precursor outburst.
PASJ, 71(6), L4, 12 / 2019.
2330. Coti Zelati, F., Borghese, A., Rea, N., Viganò, D., Enoto, T., Esposito, P., Pons, J. A., Campana, S., and Israel, G. L.
The long-term enhanced brightness of the magnetar 1E 1547.0-5408.
A&A, 633, A31, 01 / 2020.
2331. Toba, Y., Yamada, S., Ueda, Y., Ricci, C., Terashima, Y., Nagao, T., Wang, W.-H., Tanimoto, A., and Kawamuro, T.
NuSTAR Discovery of a Compton-thick, Dust-obscured Galaxy: WISE J0825+3002.
ApJ, 888(1), 8, 01 / 2020.
2332. Kandori, R., Tomisaka, K., Saito, M., Tamura, M., Matsumoto, T., Tazaki, R., Nagata, T., Kusakabe, N., Nakajima, Y., Kwon, J., Nagayama, T., and Tatematsu, K.
Distortion of Magnetic Fields in a Starless Core. VI. Application of Flux Freezing Model and Core Formation of FeSt 1-457.
ApJ, 888(2), 120, 01 / 2020.
2333. Dong, Y., Valenti, S., Bostroem, K. A., Sand, D. J., Andrews, J. E., Galbany, L., Jha, S. W., Eweis, Y., Kwok, L., Hsiao, E. Y., Davis, S., Brown, P. J., Kuncarayakti, H., Maeda, K., Rho, J., Amaro, R. C., Anderson, J. P., Arcavi, I., Burke, J., Dastidar, R., Folatelli, G., Haislip, J., Hiramatsu, D., Hosseinzadeh, G., Howell, D. A., Jencson, J., Kouprianov, V., Lundquist, M., Lyman, J. D., McCully, C., Misra, K., Reichart, D. E., Sánchez, S. F., Smith, N., Wang, X., Wang, L., and Wyatt, S.
Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau.
ApJ, 906(1), 56, 01 / 2020.
2334. Toba, Y., Wang, W.-H., Nagao, T., Ueda, Y., Ueda, J., Lim, C.-F., Chang, Y.-Y., Saito, T., and Kawabe, R.
SOFIA/HAWC+ View of an Extremely Luminous Infrared Galaxy: WISE 1013+6112.
ApJ, 889(2), 76, 02 / 2020.
2335. Lim, C.-F., Wang, W.-H., Smail, I., Scott, D., Chen, C.-C., Chang, Y.-Y., Simpson, J. M., Toba, Y., Shu, X., Clements, D., Greenslade, J., Ao, Y., Babul, A., Birkin, J., Chapman, S. C., Cheng, T.-A., Cho, B. S., Dannerbauer, H., Dudzevičiūtė, U., Dun-

- lop, J., Gao, Y., Goto, T., Ho, L. C., Hsu, L.-T., Hwang, H. S., Jeong, W.-S., Koprowski, M., Lee, C.-H., Lin, M.-Y., Lin, W.-C., Michałowski, M. J., Parsons, H., Sawicki, M., Shirley, R., Shim, H., Urquhart, S., Wang, J., and Wang, T.
SCUBA-2 Ultra Deep Imaging EAO Survey (Studies). III. Multiwavelength Properties, Luminosity Functions, and Preliminary Source Catalog of 450 μm Selected Galaxies.
ApJ, 889(2), 80, 02 / 2020.
2336. Kandori, R., Tamura, M., Saito, M., Tomisaka, K., Matsumoto, T., Tazaki, R., Nagata, T., Kusakabe, N., Nakajima, Y., Kwon, J., Nagayama, T., and Tatematsu, K.
Distortion of Magnetic Fields in the Dense Core CB81 (L1774, Pipe 42) in the Pipe Nebula.
ApJ, 890(1), 14, 02 / 2020.
2337. Kawana, K., Maeda, K., Yoshida, N., and Tanikawa, A.
Rapid Transients Originating from Thermonuclear Explosions in Helium White Dwarf Tidal Disruption Events.
ApJ, 890(2), L26, 02 / 2020.
2338. Pasierb, M., Goyal, A., Ostrowski, M., Stawarz, L., Wiita, P. J., Gopal-Krishna, L., Larionov, V. M., Morozova, D. A., Itoh, R., Alicavus, F., Erdem, A., Joshi, S., Zola, S., Borman, G. A., Grishina, T. S., Kopatskaya, E. N., Larionova, E. G., Savchenko, S. S., Nikiforova, A. A., Troitskaya, Y. V., Troitsky, I. S., Akitaya, H., Kawabata, M., and Nakaoka, T.
Multiband optical flux density and polarization microvariability study of optically bright blazars.
MNRAS, 492(1), 1295–1317, 02 / 2020.
2339. Uchiyama, M., Yamashita, T., Sugiyama, K., Nakaoka, T., Kawabata, M., Itoh, R., Yamanaka, M., Akitaya, H., Kawabata, K., Yonekura, Y., Saito, Y., Motogi, K., and Fujisawa, K.
Near-infrared monitoring of the accretion outburst in the massive young stellar object S255-NIRS3.
PASJ, 72(1), 4, 02 / 2020.
2340. Kandori, R., Tamura, M., Saito, M., Tomisaka, K., Matsumoto, T., Kusakabe, N., Kwon, J., Nagayama, T., Nagata, T., Tazaki, R., and Tatematsu, K.
Distortion of magnetic fields in Barnard 68.
PASJ, 72(1), 8, 02 / 2020.
2341. Kato, T., Wakamatsu, Y., Kojiguchi, N., Kimura, M., Ohnishi, R., Isogai, K., Nijima, K., Yoshitake, T., Sugiura, Y., Sumiya, S., Ito, D., Nikai, K., Matsumoto, H., Matsumoto, K., Vanmunster, T., Habsch, F.-J., Itoh, H., Babina, J. V., Antonyuk, O. I., Baklanov, A. V., Pavlenko, E. P., Monard, B., and Dvorak, S.

IW And-type state in IM Eridani.

PASJ, 72(1), 11, 02 / 2020.

2342. Kato, T., Isogai, K., Wakamatsu, Y., Hamsch, F.-J., Itoh, H., Tordai, T., Vanmunster, T., Dubovsky, P. A., Kudzej, I., Medulka, T., Kimura, M., Ohnishi, R., Monard, B., Pavlenko, E. P., Antonyuk, K. A., Pit, N. V., Antonyuk, O. I., Babina, J. V., Baklanov, A. V., Sosnovskij, A. A., Pickard, R. D., Miller, I., Maeda, Y., de Miguel, E., Brincat, S. M., Licchelli, D., Cook, L. M., Shugarov, S. Y., Zaostryjnykh, A. M., Chochol, D., Golysheva, P., Katysheva, N., Zubareva, A. M., Stone, G., Kasai, K., Starr, P., Littlefield, C., Kiyota, S., Andreev, M. V., Sergeev, A. V., Ruiz, J., Myers, G., Simon, A. O., Vasylenko, V. V., Soldán, F., Ögmen, Y., Nakajima, K., Nelson, P., Masi, G., Menzies, K., Sabo, R., Bolt, G., Dvorak, S., Stanek, K. Z., Shields, J. V., Kochanek, C. S., Holoiien, T. W. S., Shappee, B., Prieto, J. L., Kojima, T., Nishimura, H., Kaneko, S., Fujikawa, S., Stubbings, R., Muylaert, E., Poyner, G., Moriyama, M., Maehara, H., Schmeer, P., and Denisenko, D.

Survey of period variations of superhumps in SU UMa-type dwarf novae. X. The tenth year (2017).

PASJ, 72(1), 14, 02 / 2020.

2343. Kato, T.

ASASSN-14ho: Longest-period dwarf nova with multiple rebrightenings.

PASJ, 72(1), L2, 02 / 2020.

2344. Kandori, R., Saito, M., Tamura, M., Tomisaka, K., Matsumoto, T., Tazaki, R., Nagata, T., Kusakabe, N., Nakajima, Y., Kwon, J., Nagayama, T., and Tatematsu, K.

Distortion of Magnetic Fields in Barnard 335.

ApJ, 891(1), 55, 03 / 2020.

2345. Namekata, K., Davenport, J. R. A., Morris, B. M., Hawley, S. L., Maehara, H., Notsu, Y., Toriumi, S., Ikuta, K., Notsu, S., Honda, S., Nogami, D., and Shibata, K.

Temporal Evolution of Spatially Resolved Individual Star Spots on a Planet-hosting Solar-type Star: Kepler-17.

ApJ, 891(2), 103, 03 / 2020.

2346. Petropoulou, M., Murase, K., Santander, M., Buson, S., Tohuvavohu, A., Kawamuro, T., Vasilopoulos, G., Negoro, H., Ueda, Y., Siegel, M. H., Keivani, A., Kawai, N., Mastroiannis, A., and Dimitrakoudis, S.

Multi-epoch Modeling of TXS 0506+056 and Implications for Long-term High-energy Neutrino Emission.

ApJ, 891(2), 115, 03 / 2020.

2347. He, H.-N., Lee, S.-H., Nagataki, S., and Kusenko, A.

Neutrinos from the Galactic Center Hosting a Hypernova Remnant.

- ApJ, 891(2), 179, 03 / 2020.
2348. Jiang, J.-a., Yasuda, N., Maeda, K., Doi, M., Shigeyama, T., Tominaga, N., Tanaka, M., Moriya, T. J., Takahashi, I., Suzuki, N., Morokuma, T., and Nomoto, K.
The HSC-SSP Transient Survey: Implications from Early Photometry and Rise Time of Normal Type Ia Supernovae.
ApJ, 892(1), 25, 03 / 2020.
2349. Hatsukade, B., Ohta, K., Hashimoto, T., Kohno, K., Nakanishi, K., Niino, Y., and Tamura, Y.
ALMA CO Observations of the Host Galaxies of Long-duration Gamma-Ray Bursts. I. Molecular Gas Scaling Relations.
ApJ, 892(1), 42, 03 / 2020.
2350. Morello, V., Keane, E. F., Enoto, T., Guillot, S., Ho, W. C. G., Jameson, A., Kramer, M., Stappers, B. W., Bailes, M., Barr, E. D., Bhandari, S., Caleb, M., Flynn, C. M. L., Jankowski, F., Johnston, S., van Straten, W., Arzoumanian, Z., Bogdanov, S., Gendreau, K. C., Malacaria, C., Ray, P. S., and Remillard, R. A.
The SURvey for Pulsars and Extragalactic Radio Bursts - IV. Discovery and polarimetry of a 12.1-s radio pulsar.
MNRAS, 493(1), 1165–1177, 03 / 2020.
2351. Ida, S., Ueta, S., Sasaki, T., and Ishizawa, Y.
Uranian satellite formation by evolution of a water vapour disk generated by a giant impact.
Nature Astronomy, 4, 880–885, 03 / 2020.