Publications

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Kim, D., Lee, D., & Im, M., 2022, MNRAS, 509, 1147, *Bolometric luminosity estimators using infrared hydrogen lines for dust obscured active galactic nuclei*

Kim, D., Im, M., Kim, M., et al. 2020, ApJ, 894, 126, *Gemini Multi-Object Spectrograph Integral Field Unit Spectroscopy of Double-peaked Broad Emission Line of a Red Active Galactic Nucleus*

Kim, D., Im, M., Canalizo, G., et al. 2018, ApJS, 238, 37, *Medium-resolution Optical and Near-infrared Spectral Atlas of 16 2MASS-selected NIR-red Active Galactic Nuclei at* $z \sim 0.3$

Kim, D. & Im, M. 2018, A&A, 610, A31, *What Makes Red Quasars Red?: Observational Evidence for Dust Extinction from Line Ratio Analysis*

Kim, D., Im, M., Glikman, E., et al. 2015, ApJ, 812, 66, *Accretion Rates of Red Quasars from the Hydrogen P*β *Line*

Kim, D., Im, M., Kim, J. H., et al. 2015, ApJS, 216, 17, *The AKARI 2.5–5.0* μ*m Spectral Atlas of Type-1 Active Galactic Nuclei: Black Hole Mass Estimator, Line Ratio, and Hot Dust Temperature*

Kim, D., Im, M., Kim, M., et al. 2010, ApJ, 724, 386, *New Estimators of Black Hole Mass in Active Galactic Nuclei with Hydrogen Paschen Lines*

Shim, H., Hwang, H. S., Jeong, W.-S., **et al.** 2023, AJ, 165, 31, *Metallicity-PAH Relation of MIR-selected Star-forming Galaxies in AKARI North Ecliptic Pole-wide Survey*

Son, S., Kim, M., Ho, L. C., **et al.** 2022, ApJ, 937, 3, *A Mid-infrared Flare in the Seyfert Galaxy NGC 3786: A Changing-look Event Triggered by an Obscured Tidal Disruption Event*?

Kim, Y., Im, M., Jeon, Y., **et al.** 2022, AJ, 164, 114, *The Infrared Medium-deep Survey. IX. Discovery of Two New* $z \sim 6$ *Quasars and Space Density Down to* M_{1450}*–23.5 mag*

Im, M., Kim, Y., Lee, C.-U., **et al.** 2021, JKAS, 54, 89, *SomangNet: Small Telescope Network of Korea*

Kim, Y., Im, M., Jeon, Y., **et al.** 2020, ApJ, 904, 111, *The Infrared Medium-deep Survey. VIII. Quasar Luminosity Function at* $z \sim 5$

Shin, S., Im, M., Kim, Y., **et al.** 2020, ApJ, 893, 45, *The Infrared Medium-deep Survey. VII. Faint Quasars at* $z \sim 5$ *in the ELAIS-N1 Field*

Lee, S.-K., Im, M., Hyun, M., **et al.** 2019, MNRAS, 490, 135, *More connected, more active: galaxy clusters and groups at* $z \sim 1$ *and the connection between their quiescent galaxy fractions and large-scale environments*

Kim, J. H., Im, M., **Kim, D.**, et al. 2019, PASJ, 71, 25, *The interplay between active galactic nuclei and star formation activities of type 1 active galactic nuclei probed by polycyclic aromatic hydrocarbon 3.3* μ*m emission feature with AKARI*

Kim, Y., Im, M., Jeon, Y., **et al.** 2019, ApJ, 870, 86, *The Infrared Medium-deep Survey. VI. Discovery of Faint Quasars at* $z \sim 5$ *with a Medium-band-based Approach*

Kim, J., Im, M., Karouzos, M., **et al.** 2018, JKAS, 51, 89, *Intra-Night Optical Variability of Active Galactic Nuclei in the Cosmos Field with the KMTNet*

Kim, Y., Im, M., Jeon, Y., **et al.** 2018, ApJ, 855, 138, *The Infrared Medium-deep Survey. IV. The Low Eddington Ratio of A Faint Quasar at* $z \sim 6$*: Not Every Supermassive Black Hole is Growing Fast in the Early Universe*

Jeon, Y., Im, M., **Kim, D.**, et al. 2017, ApJ, 231, 16, *The Infrared Medium-Deep Survey. III. Discovery of Luminous Quasars at* $4.7 \leq z \leq 5.4$

Jun, H. D., Im, M., **Kim, D.**, et al. 2017, ApJ, 838, 41, *The Most Massive Active Galactic Nuclei at* $1 \leq z \leq 2$

Kim, J.-W., Im, M., Lee, S.-K., **et al.** 2016, ApJL, 821, 10, *Discovery of a Supercluster at* $z \sim 0.91$ *and Testing the* Λ*CDM Cosmological Model*

Kim, Y., Im, M., Jeon, Y., **et al.** 2015, ApJL, 813, 35, *Discovery of a Faint Quasar at* $z \sim 6$ *and Implications for Cosmic Reionization*

Jun, H. D., Im, M., Lee, H. M., **et al.** 2015, ApJ, 806, 109, *Rest-frame Optical Spectra and Black Hole masses of* $3 < z < 6$ *Quasars*

Karouzos, M., Im, M., Kim, J.-W., **et al.** 2014, ApJ, 797, 26, *The Infrared Medium-Deep Survey. II. How to Trigger Radio AGNs? Hints from their Environments*