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Areas of Interest :

Astronomy and Astrophysics

Publications :

Article

Tetsuya, Hashimoto and Goto, Tomotsugu and Chen, Bo Han and Ho, Simon C. C. and Hsiao, Tiger Y. Y. and Wong, Yi Hang Valerie and On, Alvina Y. L. and Kim, Seong Jin and Kilerci, Ece and Huang, Kai-Chun and Santos, Daryl Joe D. and Yamasaki, Shotaro (2022) "[Energy functions of fast radio bursts derived from the first CHIME/FRB catalogue](#)", *Monthly Notices of the Royal Astronomical Society*, Vol.511, No.2, 1961-1976 (SCI)

Wong, Yi Hang Valerie and Wang, Poya and Hashimoto, Tetsuya and Takagi, Toshinobu and Goto, Tomotsugu and Kim, Seong Jin and Wu, Cossas K.-W. and On, Alvina Y. L. and Santos, Daryl Joe D. and Lu, Ting-Yi and Kilerci, Ece and Ho, Simon C.-C. and Hsiao, Tiger Y.-Y. (2022) "[ALMA detections of \[O III\] and \[C II\] emission lines from A1689-zD1 at z = 7.13](#)", *Astrophysical Journal*, Vol.929, No.2 (SCI)

Hashimoto, Tetsuya and Goto, Tomotsugu and Santos, Daryl Joe D. and Ho, Simon C. -C. and Hsiao, Tiger Y. -Y. and Wong, Yi Hang Valerie and On, Alvina Y. L. and Kim, Seong Jin and Lu, Ting-Yi and Kilerci, Ece (2021) "[Upper limits on Einstein's weak equivalence principle placed by uncertainties of dispersion measures of fast radio bursts](#)", *Physical Review D*, Vol.104, No.12 (SCI)

Santos, Daryl Joe D. and Goto, Tomotsugu and Kim, Seong Jin and Wang, Ting-Wen and Ho, Simon C-C and Hashimoto, Tetsuya and Huang, Ting-Chi and Lu, Ting-Yi and On, Alvina Y. L. and Wong, Yi-Hang Valerie and Hsiao, Tiger Yu-Yang and Pollo, Agnieszka and Malkan, Matthew A. and Miyaji, Takamitsu and Toba, Yoshiki and Kilerci Eser, Ece and Hwang, Ho Seong and Jeong, Woong-Seob and Shim, Hyunjin and Pearson, Chris and Poliszczuk, Artem and Chen, Bo Han and Mack, Katarzyna (2021) "Environmental effects on AGN activity via extinction-free mid-infrared census", *Monthly Notices of the Royal Astronomical Society*, Vol.507, No.2, 3070-3088 (SCI)

Hsiao, Tiger Yu Yang and Goto, Tomotsugu and Hashimoto, Tetsuya and Santos, Daryl Joe D. and On, Alvina Y. L. and Kilerci Eser, Ece and Wong, Yi Hang Valerie and Kim, Seong Jin and Wu, Cossas K-W and Ho, Simon C-C and Lu, Ting-Yi (2021) "[A Dyson sphere around a black hole](#)", *Monthly Notices of the Royal Astronomical Society*, Vol.506, No.2, 1723-1732 (SCI)

Hashimoto, Tetsuya and Goto, Tomotsugu and Lu, Ting-Yi and On, Alvina Y. L. and Santos, Daryl Joe D. and Kim, Seong Jin and Kilerci Eser, Ece and Ho, Simon C-C. and Hsiao, Tiger Y-Y. and Lin, Leo Y-W. (2021) "[Revealing the cosmic reionization history with fast radio bursts in the era of square kilometre array](#)", *Monthly Notices of the Royal Astronomical Society*, Vol.502, No.2, 2346-2355 (SCI)