

論文リスト

加藤亮

【学術雑誌】

(査読有り)

1. Ryo Kato and Keitaro Takahashi, "Precision of localization of single gravitational-wave source with pulsar timing array," *Phys. Rev. D* **108** (2023) no.12, 123535.
2. Bhal Chandra Joshi et al., "Nanohertz gravitational wave astronomy during SKA era: An InPTA perspective," *J. Astrophys. Astron.* **43** (2022) no.2, 98.
3. Pratik Tarafdar et al., "The Indian Pulsar Timing Array: First data release", *PPubl. Astron. Soc. Austral.* **39** (2022), e053.
4. K. Nobleson et al., "Low-frequency wideband timing of InPTA pulsars observed with the uGMRT", *Mon. Not. Roy. Astron. Soc.* **512** (2022) no.1, 1234-12.
5. Jaikhomba Singha et al., "Evidence for profile changes in PSR J1713+0747 using the uGMRT," *Mon. Not. Roy. Astron. Soc.* **507** (2021) no.1, L57-L61.
6. Ryo Kato and Jiro Soda, "Search for ultralight scalar dark matter with NANOGrav pulsar timing arrays," *JCAP* **09** (2020), 036.
7. Ryo Kato and Jiro Soda, "Probing circular polarization in stochastic gravitational wave background with pulsar timing arrays," *Phys. Rev. D* **93** (2016) no.6, 062003.

(査読なし)

8. Jaikhomba Singha et al., "Using low-frequency scatter-broadening measurements for precision estimates of dispersion measures," arXiv preprint arXiv:2309.16765 (2023). (Mon. Not. Roy. Astron. Soc.に申請中)