

Liangwei Huang

List of Publications by Year in descending order

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48
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Pulsar-based navigation results: data processing of the x-ray pulsar navigation-I telescope. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1. | 1.8 | 17 |
| 2 | Navigation using binary pulsars. Science China: Physics, Mechanics and Astronomy, 2012, 55, 527-539. | 5.1 | 15 |
| 3 | Pulse phase and doppler frequency estimation of X-ray pulsars under conditions of spacecraft and binary motion and its application in navigation. Science China: Physics, Mechanics and Astronomy, 2013, 56, 848-858. | 5.1 | 15 |
| 4 | Mission Overview and Initial Observation Results of the X-Ray Pulsar Navigation-I Satellite. International Journal of Aerospace Engineering, 2017, 2017, 1-7. | 0.9 | 14 |
| 5 | X-Ray Observation of the 2017 November Glitch in the Crab Pulsar. Astrophysical Journal, 2018, 866, 82. | 4.5 | 10 |
| 6 | A new explorer mission for soft X-ray timing - Observation of the Crab pulsar. Acta Astronautica, 2018, 151, 63-67. | 3.2 | 10 |
| 7 | Fast Ambiguity Resolution for Pulsar-Based Navigation by Means of Hypothesis Testing. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 137-147. | 4.7 | 9 |
| 8 | Synchronizing of Multiple Time-of-Arrivals for Pulsar-Based Navigation. Transactions of the Japan Society for Aeronautical and Space Sciences, 2014, 57, 31-39. | 0.7 | 4 |
| 9 | An autonomous navigation method for GEO satellites using X-ray pulsars. , 2010, , . | | 1 |