

Mingzhen Gui

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Time Delay/Star Angle Integrated Navigation Method Based on the Event-Triggered Implicit Unscented Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 12 |
| 2 | A Novel Celestial Aided Time-Differenced Pulsar Navigation Method Against Ephemeris Error of Jupiter for Jupiter Exploration. IEEE Sensors Journal, 2019, 19, 1127-1134. | 4.7 | 11 |
| 3 | A Novel Autonomous Celestial Navigation Method Using Solar Oscillation Time Delay Measurement. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1392-1403. | 4.7 | 18 |
| 4 | Ephemeris Corrections in Celestial/Pulsar Navigation Using Time Differential and Ephemeris Estimation. Journal of Guidance, Control, and Dynamics, 2018, 41, 268-275. | 2.8 | 9 |
| 5 | A Fast Calibration Method of the Star Sensor Installation Error Based on Observability Analysis for the Tightly Coupled SINS/CNS-Integrated Navigation System. IEEE Sensors Journal, 2018, 18, 6794-6803. | 4.7 | 32 |
| 6 | Differential X-ray pulsar aided celestial navigation for Mars exploration. Aerospace Science and Technology, 2017, 62, 36-45. | 4.8 | 30 |
| 7 | Solar oscillation time delay measurement assisted celestial navigation method. Acta Astronautica, 2017, 134, 152-158. | 3.2 | 12 |
| 8 | Impact of the Pulsar's Direction on CNS/XNAV Integrated Navigation. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 3043-3055. | 4.7 | 11 |
| 9 | A dimension reduced INS/VNS integrated navigation method for planetary rovers. Chinese Journal of Aeronautics, 2016, 29, 1695-1708. | 5.3 | 7 |
| 10 | INS/VNS/CNS integrated navigation method for planetary rovers. Aerospace Science and Technology, 2016, 48, 102-114. | 4.8 | 37 |