

Mingzhen Gui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	INS/VNS/CNS integrated navigation method for planetary rovers. Aerospace Science and Technology, 2016, 48, 102-114.	4.8	37
2	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
3	Differential X-ray pulsar aided celestial navigation for Mars exploration. Aerospace Science and Technology, 2017, 62, 36-45.	4.8	30
4	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
5	Solar oscillation time delay measurement assisted celestial navigation method. Acta Astronautica, 2017, 134, 152-158.	3.2	12
6	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
7	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
8	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
9	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
10	A dimension reduced INS/VNS integrated navigation method for planetary rovers. Chinese Journal of Aeronautics, 2016, 29, 1695-1708.	5.3	7