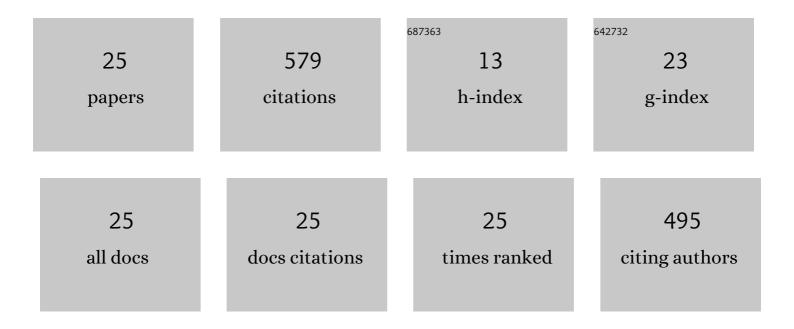
Marcio Aquino

List of Publications by Year in descending order

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Μαρείο Ασιμινο

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bipolar climatology of GPS ionospheric scintillation at solar minimum. Radio Science, 2011, 46, . | 1.6 | 114 |
| 2 | Improving the GNSS positioning stochastic model in the presence of ionospheric scintillation. Journal of Geodesy, 2009, 83, 953-966. | 3.6 | 70 |
| 3 | RINEX_HO: second- and third-order ionospheric corrections for RINEX observation files. GPS Solutions, 2011, 15, 305-314. | 4.3 | 42 |
| 4 | Mitigation of ionospheric scintillation effects on GNSS precise point positioning (PPP) at low latitudes. Journal of Geodesy, 2020, 94, 1. | 3.6 | 39 |
| 5 | Accuracy assessment of Precise Point Positioning with multi-constellation GNSS data under ionospheric scintillation effects. Journal of Space Weather and Space Climate, 2018, 8, A15. | 3.3 | 36 |
| 6 | Correlation analysis between ionospheric scintillation levels and receiver tracking performance. Space Weather, 2012, 10, . | 3.7 | 34 |
| 7 | Impact of ionospheric scintillation on GNSS receiver tracking performance over Latin America: Introducing the concept of tracking jitter variance maps. Space Weather, 2011, 9, . | 3.7 | 32 |
| 8 | Ionospheric scintillation intensity fading characteristics and GPS receiver tracking performance at low latitudes. GPS Solutions, 2019, 23, 1. | 4.3 | 32 |
| 9 | Tackling ionospheric scintillation threat to GNSS in Latin America. Journal of Space Weather and Space Climate, 2011, 1, A05. | 3.3 | 28 |
| 10 | Stochastic modelling considering ionospheric scintillation effects on GNSS relative and point positioning. Advances in Space Research, 2010, 45, 1113-1121. | 2.6 | 26 |
| 11 | On the use of ionospheric scintillation indices as input to receiver tracking models. Advances in Space Research, 2007, 40, 426-435. | 2.6 | 24 |
| 12 | Mitigation of Ionospheric Effects on GNSS Positioning at Low Latitudes. Navigation, Journal of the Institute of Navigation, 2017, 64, 67-74. | 2.8 | 21 |
| 13 | Correlation of scintillation occurrence with interplanetary magnetic field reversals and impact on Global Navigation Satellite System receiver tracking performance. Space Weather, 2013, 11, 219-224. | 3.7 | 20 |
| 14 | Mitigating high latitude ionospheric scintillation effects on GNSS Precise Point Positioning exploiting 1-s scintillation indices. Journal of Geodesy, 2021, 95, 1. | 3.6 | 12 |
| 15 | An Innovative Approach for Atmospheric Error Mitigation Using New GNSS Signals. Journal of Navigation, 2011, 64, S211-S232. | 1.7 | 8 |
| 16 | The ionosphere prediction service prototype for GNSS users. Journal of Space Weather and Space Climate, 2019, 9, A41. | 3.3 | 8 |
| 17 | A statistical approach to estimate Global Navigation Satellite Systems (GNSS) receiver signal tracking performance in the presence of ionospheric scintillation. Journal of Space Weather and Space Climate, 2018, 8, A51. | 3.3 | 7 |
| 18 | Statistical models to provide meaningful information to GNSS users in the presence of ionospheric scintillation. GPS Solutions, 2021, 25, 1. | 4.3 | 7 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effects of GNSS Receiver Tuning on the PLL Tracking Jitter Estimation in the Presence of Ionospheric Scintillation. Space Weather, 2020, 18, e2019SW002362. | 3.7 | 5 |
| 20 | Towards forecasting and mitigating ionospheric scintillation effects on GNSS. Proceedings ELMAR, 2007, , . | 0.0 | 4 |
| 21 | Analysis of the Regional Ionosphere at Low Latitudes in Support of the Biomass ESA Mission. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6412-6424. | 6.3 | 4 |
| 22 | On the estimate and assessment of the ionospheric effects affecting low frequency radio astronomy measurements. , 2011, , . | | 3 |
| 23 | Performance of BDS Navigation Ionospheric Model During the Main Phase of Different Classified Geomagnetic Storms in China Region. Radio Science, 2020, 55, e2019RS007033. | 1.6 | 1 |
| 24 | Statistical Models to provide Meaningful Information to GNSS End-users Under Ionospheric Scintillation Conditions. , 0, , . | | 1 |
| 25 | Performance of BDS B1 Frequency Standard Point Positioning during the Main Phase of Different Classified Geomagnetic Storms in China and the Surrounding Area. Remote Sensing, 2022, 14, 1240. | 4.0 | 1 |