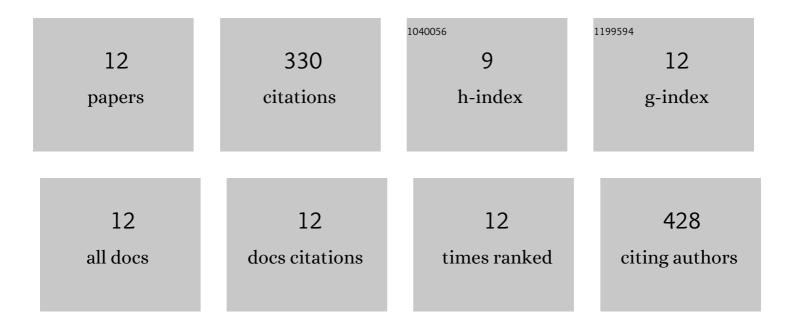
## Sebastian Emanuel Lauro

List of Publications by Year in descending order

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| #  | Article  | IF         | CITATIONS  |
|----|--|------------|------------|
| 1  | Assessing the role of clay and salts on the origin of MARSIS basal bright reflections. Earth and Planetary Science Letters, 2022, 579, 117370.   | 4.4        | 15         |
| 2  | Multiple subglacial water bodies below the south pole of Mars unveiled by new MARSIS data. Nature Astronomy, 2021, 5, 63-70.   | 10.1       | 127        |
| 3  | Liquid Water Detection under the South Polar Layered Deposits of Mars—a Probabilistic Inversion<br>Approach. Remote Sensing, 2019, 11, 2445.   | 4.0        | 7          |
| 4  | Regional stratigraphy of the south polar layered deposits (Promethei Lingula, Mars):<br>"Discontinuity-bounded―units in images and radargrams. Icarus, 2018, 308, 76-107.  | 2.5        | 11         |
| 5  | Dielectric characterization of ice/MgSO 4 â‹11H 2 O mixtures as Jovian icy moon crust analogues. Earth and Planetary Science Letters, 2016, 439, 11-17.  | 4.4        | 13         |
| 6  | Analysis of GPR Early-Time Signal Features for the Evaluation of Soil Permittivity Through Numerical<br>and Experimental Surveys. IEEE Journal of Selected Topics in Applied Earth Observations and Remote<br>Sensing, 2016, 9, 178-187. | 4.9        | 24         |
| 7  | Dielectric properties of Jovian satellite ice analogs for subsurface radar exploration: A review.<br>Reviews of Geophysics, 2015, 53, 593-641.   | 23.0       | 52         |
| 8  | A controlled experiment to investigate the correlation between early-time signal attributes of ground-coupled radar and soil dielectric properties. Journal of Applied Geophysics, 2014, 101, 68-76.                                     | 2.1        | 35         |
| 9  | "Unconformity-Bounded―Stratigraphic Units in the South Polar Layered Deposits (Promethei Lingula,) Tj ET(  | 2q1,1 0.78 | 34314 rgB⊺ |
| 10 | Estimation of subsurface dielectric target depth for GPR planetary exploration: Laboratory measurements and modeling. Journal of Applied Geophysics, 2013, 93, 93-100.   | 2.1        | 17         |
| 11 | Coaxial-Cage Transmission Line for Electromagnetic Parameters Estimation. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2938-2942.   | 4.7        | 8          |
| 12 | Permittivity estimation of layers beneath the northern polar layered deposits, Mars. Geophysical<br>Research Letters, 2010, 37, .  | 4.0        | 18         |