Mars Orbiter Mission (MOM) – List of Publications

1. Kiran Kumar, A.S. et.al; Scientific exploration of Mars by first Indian interplanetary space probe: Mars Orbiter Mission, *Current Science*, 107, 1096 (2014).
2. Anil Bhardwaj, et.al; MENCA Experiment aboard India's Mars Orbiter Mission, *Current Science*, 109, 1106 (2015).
3. Arya. A.S., et.al; Indian Mars-Colour-Camera captures far-side of the Deimos: A rarity among contemporary Mars orbiters, *Planetary and Space Science*, 117, 470 (2015).
4. Arya, A.S. et.al; Mars Orbiter Mission prepared to photograph Mars: some results from Earth Imaging Experiment, *Current Science,* 106, 661 (2015).
5. Chitra Ramamurthy. et.al; Delta Differential One-way Ranging (DDOR) Transmitter Onboard Mars Orbiter Mission (MOM), *SPACES-2015*, 458 (2015).
6. Vineet K Srivastava,et.al; Eclipse modeling for the Mars Orbiter Mission**,** *Advances In Space Research*, 56, 671,(2015).
7. Sridhar Raja V. L. N.et.al; Lyman Alpha Photometer: a far-ultraviolet sensor for the study of hydrogen isotope ratio in the Martian exosphere**,** *Current Science*, 109, 1114 (2015).
8. Singh R. P, et.al; Thermal Infrared Imaging Spectrometer for Mars Orbiter Mission**,** *Current Science*, 109, 1097 (2015).
9. Kurian Mathew, et.al; Methane Sensor for Mars**,** *Current Science*, 109, 1087 (2015).
10. Arya.A.S, et.al; Mars Colour Camera: the payload characterization/calibration and data analysis from Earth imaging phase, *Current Science*, 109, 1076 (2015)
11. Ritu Karidhal, et.al; Mission automation and autonomy for the Mars Orbiter Mission, *Current Science*, 109, 1070 (2015).
12. Arunan. S, et.al; Mars Orbiter Mission spacecraft and its challenges**,** *Current Science*, 109, 1061 (2015).
13. Vishnu M Nampoothiri, et.al; PSLV-C25: the vehicle that launched the Indian Mars Orbiter**,** *Current Science*, 109, 1055 (2015).
14. Adimurthy. V, Concept design and planning of India's first interplanetary mission**,** *Current Science*, 109, 1050 (2015).
15. Coates, A.J, et.al; Plasma interactions with Solar System Objects: Anticipating Rosetta, Maven and Mars Orbiter Mission, *Planetary and Space Science*, 119, 1, (2015).
16. Anil Bhardwaj, et.al; On the evening time exosphere of Mars: Result from MENCA aboard Mars Orbiter Mission, *Geophysical Research Letters*, 43, 1862 (2016).
17. Manoj K. Mishra, et.al; Estimation of dust variability and scale height of atmospheric optical depth (AOD) in the Valles Marineris on Mars by Indian Mars Orbiter Mission (MOM) data, *Icarus*, 264, 84 (2016).
18. Srivastava, et.al; Mars solar conjunction prediction modeling**,** *Acta Astronautica*, 118, 246 (2016).
19. Anil Bhardwaj, et.al; Observation of Suprathermal Argon in the exosphere of Mars, *Geophysical Research Letters*, 44, 2088 (2017).
20. Kurian Mathew, et.al; Correction of Mars Color Camera Images for identification of spectral classes*, Current Science,* 112, 1158 (2017).
21. Ramdayal Singh, et.al; SWIR Albedo Mapping of Mars using Mars Orbiter Mission data*, Current Science,* 113, 112 (2017).
22. Archana Nair, et.al; Geochemical modelling of terrestrial igneous rock compositions using laboratory thermal emission spectroscopy with an overview on its applications to Indian Mars Mission, *Planetary and Space Science*, 140, 62 (2017).

23. Prasad P, et.al; Radiative transfer modeling of atmospheric methane for satellite measurements in the 1.66 micron spectral window, *Journal of Near Infrared Spectroscopy*, 26(3), 196 (2018).