





Fletcher vd., 2011, Space Science Reviews, 159, 19. Fomin vd., 2005, 39TH ESLAB Symposium on Trends in Space Science and Cosmic Vision 2020, pp 381. Gopalswamy vd., 2008, Journal of Geophysics, 26(1), pp 3033-3047. Gopalswamy & Xie, 2008 Journal of Geophysics 113 (A10) CiteID A10105.

Gopalswamy vd., 2009: J. Journal of Geophysics 114(A3), CiteID A00A22. [10] Hussein, 2019, Iraqi Journal of Science, 60(8), 1860–1867. [11] Jing vd., 2003, American Astronomical Society, SPD, vol. 35, p. 815. [12] Korso & Ruderman, 2016, ASP Conference Series, Vol. 504. San Francisco: Astronomical Society of the Pacific, pp. 43.

[13] Mac-Queen vd., 1974, Astrophysical Journal Letter, 187, L85, 1974. [14] Mahrous vd., 2009, Advances in Space Research, 43 (7), 1032–1035. [15] Mawad vd., 2015a, Advances in Space Research.55 (2), 688–695. [16] Mawad vd., 2016, World Scientific, pp. 99–108. [17] Mawad vd., 2021, New Astronomy, 82, 101450. [18] Mawad vd., 2020, New Astronomy. 74, 101285

[25] Rollett vd., 2016, Astrophysical Journal 824 (2), 131. [26] St. Cyr vd., 1991, Solar Physics 136, 379–394. Sheeley Jr vd. 1983, Astrophysical Journal, 279, 839. [28] Torok & Kliem, 200, Astronomische Nachrichten, 328,743 Tousey, 1973, Space Research XIII. AkademieVerlag, Berlin,713. [30] Wood vd., 2012, Astrophysical Journal 755 (1), 43. Xie vd., 2009, Proceedings of the International Astronomical Union, IAU Symposium. 257, 489–491. [32] Yashiro & Gopalswamy 2009, IAU Symposium 257, Universal Heliophysical Processes, 233-243 [33] Yashiro vd., 2005, Journal of Geophysics ,110, A12S05

[34] Youssef vd., 2013, Advances in Space Research 51 (7), 1221–1229.