

Alessandro Bemporad
PUBLICATIONS
(January 2021)

During his career he published a total of 73 referee papers, 28 conference proceedings, 27 technical papers, 13 technical reports, and 11 outreach papers, all listed below.

• **REFEREED PUBLICATIONS (H index = 19 – from NASA ADS)**

1. “Coronal Electron Densities Derived with Images Acquired during the 2017 August 21 Total Solar Eclipse”, **Bemporad A.**, ApJ, 904, Issue 2, id.178, 2020.
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2. “Metis: the Solar Orbiter visible light and ultraviolet coronal imager”, Antonucci, E., Romoli, E., Andretta, V., and 100 coauthors, 642, A10, 2020.
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3. “Coordination within the remote sensing payload on the Solar Orbiter mission”, F. Auchère, F., Andretta, V., Antonucci, E., Bach, N., Battaglia, M., **Bemporad, A.**, and 68 coauthors, A&A, 642, A6, 2020.
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4. “The Solar Orbiter Science Activity Plan”, Zouganelis, I., De Groof, A., Walsh, A.P., and 182 co authors, A&A, 642, A3, 2020.
https://www.aanda.org/articles/aa/full_html/2020/10/aa38445-20/aa38445-20.html
5. “Models and data analysis tools for the Solar Orbiter mission”, Rouillard, A.P., Pinto, R., Vourlidas, A., De Groof, A., Thomson, W.T., **Bemporad, A.**, and 101 coauthors, A&A, 642, A2, 2020.
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9. “On the Possibility of Detecting Helium D₃ Line Polarization with Metis”, Heinzl, P., Štěpán, J., **Bemporad, A.**, and 4 coauthors, ApJ, 900, Issue 1, id.8, 2020.
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10. “Current state and perspectives of Space Weather science in Italy”, Plainaki, C., Antonucci, M., **Bemporad, A.**, and 17 coauthors, JSWSC, 10, id.6, 2020.
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11. “Comprehensive Analysis of the Formation of a Shock Wave Associated with a Coronal Mass Ejection”, Frassati, F., Susino, R., Mancuso, S., **Bemporad, A.**, ApJ, 871, Issue 2, article id. 212, 2019.
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12. “Three-dimensional reconstruction of CME-driven shock-streamer interaction from radio and EUV observations: a different take on the diagnostics of coronal magnetic fields”, Mancuso, S., Frassati, F., **Bemporad, A.**, Barghini, D., A&A, 624, id.L2, 2019.
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• CONFERENCE PROCEEDINGS

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