Giuseppe Nistico

List of Publications by Year
in descending order

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31 papers	1,539 citations	361413 20 h-index	454955 30 g-index
34 all docs	34 docs citations	34 times ranked	736 citing authors

#	Article	IF	Citations
1	Decaying and decayless transverse oscillations of a coronal loop. Astronomy and Astrophysics, 2013, 552, A57.	5.1	161
2	Magnetohydrodynamic Oscillations in the Solar Corona and Earthâ€™s Magnetosphere: Towards Consolidated Understanding. Space Science Reviews, 2016, 200, 75-203.	8.1	160
3	Characteristics of EUV Coronal Jets Observed withÂSTEREO/SECCHI. Solar Physics, 2009, 259, 87-108.	2.5	145
4	Decayless low-amplitude kink oscillations: a common phenomenon in the solar corona?. Astronomy and Astrophysics, 2015, 583, A136.	5.1	144
5	Decay-less kink oscillations in coronal loops. Astronomy and Astrophysics, 2013, 560, A107.	5.1	121
6	A statistical study of decaying kink oscillations detected using SDO/AIA. Astronomy and Astrophysics, 2016, 585, A137.	5.1	103
7	Kink Oscillations of Coronal Loops. Space Science Reviews, 2021, 217, 1.	8.1	77
8	Observation of a high-quality quasi-periodic rapidly propagating wave train using SDO/AIA. Astronomy and Astrophysics, 2014, 569, A12.	5.1	66
9	Undamped transverse oscillations of coronal loops as a self-oscillatory process. Astronomy and Astrophysics, 2016, 591, L5.	5.1	65
10	Damping profile of standing kink oscillations observed by SDO/AIA. Astronomy and Astrophysics, 2016, 585, L6.	5.1	55
11	Coronal loop seismology using damping of standing kink oscillations by mode coupling. Astronomy and Astrophysics, 2017, 600, A78.	5.1	52
12	Coronal loop seismology using damping of standing kink oscillations by mode coupling. Astronomy and Astrophysics, 2016, 589, A136.	5.1	49
13	Dynamics of a multi-thermal loop in the solar corona. Astronomy and Astrophysics, 2014, 570, A84.	5.1	34
14	First light observations of the solar wind in the outer corona with the Metis coronagraph. Astronomy and Astrophysics, 2021, 656, A32.	5.1	32
15	Observational features of equatorial coronal hole jets. Annales Geophysicae, 2010, 28, 687-696.	1.6	30
16	Three-Dimensional Properties of Coronal Mass Ejections from STEREO/SECCHI Observations. Solar Physics, 2012, 281, 167.	2.5	30
17	Observation of quasi-periodic solar radio bursts associated with propagating fast-mode waves. Astronomy and Astrophysics, 2016, 594, A96.	5.1	26
18	Multi-instrument observations of a failed flare eruption associated with MHD waves in a loop bundle. Astronomy and Astrophysics, 2017, 600, A37.	5.1	25

#	Article	IF	Citations
19	Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiterâ€“Parker Solar Probe Quadrature. Astrophysical Journal Letters, 2021, 920, L14.	8.3	25
20	Simulating White Light Images of Coronal Structures for WISPR/Parker Solar Probe: Effects of the Near-Sun Elliptical Orbit. Solar Physics, 2019, 294, 1.	2.5	22
21	North-south asymmetry in the magnetic deflection of polar coronal hole jets. Astronomy and Astrophysics, 2015, 583, A127.	5.1	18
22	Transverse oscillations and stability of prominences in a magnetic field dip. Astronomy and Astrophysics, 2016, 590, A120.	5.1	17
23	Determination of temperature maps of EUV coronal hole jets. Advances in Space Research, 2011, 48, 1490-1498.	2.6	13
24	Finite amplitude transverse oscillations of a magnetic rope. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 172, 40-52.	1.6	13
25	The first Coronal Mass Ejection observed in both visible-light and UV H I Ly-alpha channels of the Metis Coronagraph on board Solar Orbiter. Astronomy and Astrophysics, 0, , .	5.1	11
26	Novel Data Analysis Techniques in Coronal Seismology. Space Science Reviews, 2022, 218, 1.	8.1	11
27	Temporal evolution of oscillating coronal loops. Astronomy and Astrophysics, 2020, 638, A89.	5.1	10
28	3D Reconstruction of Coronal Loops by the Principal Component Analysis. Entropy, 2013, 15, 4520-4539.	2.2	8
29	Simulating White-Light Images of Coronal Structures for Parker Solar Probe/WISPR: Study of the Total Brightness Profiles. Solar Physics, 2020, 295, 1.	2.5	8
30	Oscillations of cometary tails: a vortex shedding phenomenon?. Astronomy and Astrophysics, 2018, 615, A143.	5.1	5
31	Heating heavy ions in the polar corona by collisionless shocks: A one-dimensional simulation. Advances in Space Research, 2012, 49, 408-415.	2.6	2