Salvatore Mancuso

List of Publications by Year
in descending order

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38	838	471509 17	501196 28
papers	citations	h-index	g-index

38	38	38	847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acceleration of Solar Energetic Particles through CME-driven Shock and Streamer Interaction. Astrophysical Journal, 2022, 926, 227.	4.5	9
2	Ultraviolet Observations of Comet 96/P Machholz at Perihelion. Astrophysical Journal, 2022, 926, 93.	4.5	2
3	Possible Evidence for Shear-driven Kelvinâ€“Helmholtz Instability along the Boundary of Fast and Slow Solar Wind in the Corona. Astrophysical Journal, 2022, 929, 98.	4.5	13
4	Radio evidence for a shock wave reflected by a coronal hole. Astronomy and Astrophysics, 2021, 651, L14.	5.1	6
5	Cavezzo, the first Italian meteorite recovered by the PRISMA fireball network. Orbit, trajectory, and strewn-field. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1215-1227.	4.4	24
6	Estimate of Plasma Temperatures Across a CME-Driven Shock from a Comparison Between EUV and Radio Data. Solar Physics, 2020, 295, 1.	2.5	10
7	Study of the Influence of the Solar Wind Energy on the Geomagnetic Activity for Space Weather Science. Astrophysical Journal, 2020, 896, 149.	4.5	11
8	Possible evidence of induced repetitive magnetic reconnection in a superflare from a young solar-type star. Astronomy and Astrophysics, 2020, 636, A96.	5.1	8
9	FRIPON: a worldwide network to track incoming meteoroids. Astronomy and Astrophysics, 2020, 644, A53.	5.1	58
10	Differential rotation of the solar corona: A new data-adaptive multiwavelength approach. Astronomy and Astrophysics, 2020, 644, A18.	5.1	7
11	Astrometric calibration for all-sky cameras revisited. Astronomy and Astrophysics, 2019, 626, A105.	5.1	13
12	Ion Cyclotron Waves in Field-aligned Solar Wind Turbulence. Astrophysical Journal Letters, 2019, 885, L5.	8.3	26
13	Three-dimensional reconstruction of CME-driven shockâ€“streamer interaction from radio and EUV observations: a different take on the diagnostics of coronal magnetic fields. Astronomy and Astrophysics, 2019, 624, L2.	5.1	33
14	Comprehensive Analysis of the Formation of a Shock Wave Associated with a Coronal Mass Ejection. Astrophysical Journal, 2019, 871, 212.	4.5	22
15	Spatio-Temporal Evolution and Northâ€“South Asymmetry of Quasi-Biennial Oscillations in the Coronal Fe xiv Emission. Solar Physics, 2018, 293, 1.	2.5	6
16	Study of the early phase of a Coronal Mass Ejection driven shock in EUV images. Astrophysics and Space Science, 2017, 362, 1.	1.4	3
17	O VI 1032 Ã... intensity and Doppler shift oscillations above a coronal hole: Magnetosonic waves or quasi-periodic upflows?. Astronomy and Astrophysics, 2016, 592, L8.	5.1	5
18	A foraminiferal Î´18O record covering the last 2,200 years. Scientific Data, 2016, 3, 160042.	5.3	2

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19	PHYSICAL CONDITIONS OF CORONAL PLASMA AT THE TRANSIT OF A SHOCK DRIVEN BY A CORONAL MASS EJECTION. Astrophysical Journal, 2015, 812, 119.	4.5	23
20	Water production rate of comet C/1997 H2 (SOHO) near perihelion. Astronomy and Astrophysics, 2015, 578, L7.	5.1	5
21	Multispectral analysis of Northern Hemisphere temperature records over the last five millennia. Climate Dynamics, 2015, 45, 83-104.	3.8	22
22	Doppler-shift oscillations in the Hâ€‰i LyÎ±coronal emission line: spectroscopic signature of propagating kink waves?. Astronomy and Astrophysics, 2015, 573, A33.	5.1	7
23	A high-resolution Î´¹⁸O record and Mediterranean climate variability. Climate of the Past, 2015, 11, 509-522.	3.4	10
24	Influence of projection effects on the observed differential rotation rate in the UV corona. Journal of Advanced Research, 2013, 4, 283-286.	9.5	3
25	Radial profile of the inner heliospheric magnetic field as deduced from Faraday rotation observations. Astronomy and Astrophysics, 2013, 553, A100.	5.1	22
26	Coronal magnetic field strength from Type II radio emission: complementarity with Faraday rotation measurements. Astronomy and Astrophysics, 2013, 560, L1.	5.1	13
27	Coronal equatorial rotation during solar cycle 23: radial variation and connections with helioseismology. Astronomy and Astrophysics, 2012, 539, A26.	5.1	8
28	IDENTIFICATION OF SUPER- AND SUBCRITICAL REGIONS IN SHOCKS DRIVEN BY CORONAL MASS EJECTIONS. Astrophysical Journal Letters, 2011, 739, L64.	8.3	35
29	DIFFERENTIAL ROTATION OF THE ULTRAVIOLET CORONA AT SOLAR MAXIMUM. Astrophysical Journal, 2011, 729, 79.	4.5	20
30	FIRST COMPLETE DETERMINATION OF PLASMA PHYSICAL PARAMETERS ACROSS A CORONAL MASS EJECTION-DRIVEN SHOCK. Astrophysical Journal, 2010, 720, 130-143.	4.5	81
31	UV and Radio Observations of the Coronal Shock Associated with the 2002 July 23 Coronal Mass Ejection Event. Astrophysical Journal, 2008, 677, 683-691.	4.5	25
32	Coronal Rotation at Solar Minimum from UV Observations. Astrophysical Journal, 2008, 688, 656-668.	4.5	36
33	Assessing the tilt of the solar magnetic field axis through Faraday rotation observations. Astronomy and Astrophysics, 2007, 466, L5-L8.	5.1	10
34	Coronal transients and metric type II radio bursts. Astronomy and Astrophysics, 2004, 413, 363-371.	5.1	83
35	Bifurcation of the metric typeÂII radio emission associated withÂthe giant solar flare of April 2 2001. Astronomy and Astrophysics, 2004, 415, L17-L20.	5.1	17
36	UVCS/SOHO observations of a CME-driven shock: Consequences on ion heating mechanisms behind a coronal shock. Astronomy and Astrophysics, 2002, 383, 267-274.	5.1	82

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37	Farâ€Ultraviolet Observations of Comet 2P/Encke at Perihelion. Astrophysical Journal, 2002, 564, 1054-1060.	4.5	18
38	Faraday Rotation and Models for the Plasma Structure of the Solar Corona. Astrophysical Journal, 2000, 539, 480-491.	4.5	60