Maria Pia Di Mauro

List of Publications by Year
in descending order

47 papers	3,063 citations	236925 25 h-index	265206 42 g-index
48 all docs	48 docs citations	48 times ranked	3533 citing authors

#	Article	IF	Citations
1	Asteroseismogyrometry of low-mass red giants. Astronomy and Astrophysics, 2021, 656, A151.	5.1	2
2	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. Astrophysical Journal Letters, 2020, 889, L34.	8.3	37
3	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star Î½ Indi. Nature Astronomy, 2020, 4, 382-389.	10.1	46
4	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A50.	5.1	9
5	Spectroscopic and Asteroseismic Analysis of the Secondary Clump Red Giant HDÂ226808*. Astrophysical Journal, 2020, 894, 67.	4.5	1
6	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. Astronomical Journal, 2019, 157, 245.	4.7	72
7	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. Astrophysical Journal, 2018, 863, 138.	4.5	16
8	The Rotational Shear Layer inside the Early Red-giant Star KIC 4448777. Astrophysical Journal, 2018, 862, 9.	4.5	23
9	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITORÂAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. Astrophysical Journal, 2017, 835, 82.	4.5	32
10	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. Physical Review Letters, 2017, 118, 091103.	7.8	38
11	Dipole anisotropy in cosmic electrons and positrons: inspection on local sources. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 006-006.	5.4	30
12	PLATO as it is: A legacy mission for Galactic archaeology. Astronomische Nachrichten, 2017, 338, 644-661.	1.2	61
13	Fermi Observations of the LIGO Event GW170104. Astrophysical Journal Letters, 2017, 846, L5.	8.3	15
14	INTERNAL ROTATION OF THE RED-GIANT STAR KICÂ4448777 BY MEANS OF ASTEROSEISMIC INVERSION. Astrophysical Journal, 2016, 817, 65.	4.5	59
15	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L2.	8.3	45
16	Resolving the Extragalactic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 151105.	7.8	130
17	Search for Spectral Irregularities due to Photonâ€“Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101.	7.8	151
18	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE KEPLER K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. Astrophysical Journal Letters, 2015, 809, L3.	8.3	84

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19	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 578, A64.	5.1	52
20	PROPERTIES OF 42 SOLAR-TYPE KEPLER TARGETS FROM THE ASTEROSEISMIC MODELING PORTAL. Astrophysical Journal, Supplement Series, 2014, 214, 27.	7.7	121
21	ASTEROSEISMOLOGY OF EVOLVED STARS WITH KEPLER : A NEW WAY TO CONSTRAIN STELLAR INTERIORS USING MODE INERTIAS. Astrophysical Journal Letters, 2014, 781, L29.	8.3	44
22	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2013, 554, A28.	5.1	103
23	The evolution of the internal rotation of solar-type stars. Proceedings of the International Astronomical Union, 2013, 9, 345-348.	0.0	0
24	CHARACTERIZING TWO SOLAR-TYPEKEPLERSUBGIANTS WITH ASTEROSEISMOLOGY: KIC 10920273 AND KIC 11395018. Astrophysical Journal, 2013, 763, 49.	4.5	22
25	Internal rotation of red giants by asteroseismology. EPJ Web of Conferences, 2013, 43, 03012.	0.3	2
26	Gravity modes as a way to distinguish between hydrogen- and helium-burning red giant stars. Nature, 2011, 471, 608-611.	27.8	465
27	Solar-like oscillations from the depths of the red-giant star KICâ€ƒ4351319 observed withâ€‚Kepler. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3783-3797.	4.4	39
28	THE ASTEROSEISMIC POTENTIAL OF KEPLER : FIRST RESULTS FOR SOLAR-TYPE STARS. Astrophysical Journal Letters, 2010, 713, L169-L175.	8.3	122
29	A PRECISE ASTEROSEISMIC AGE AND RADIUS FOR THE EVOLVED SUN-LIKE STAR KIC 11026764. Astrophysical Journal, 2010, 723, 1583-1598.	4.5	130
30	Future instrumentation for solar physics: aÂdouble channel MOF imager on board ASI Space Mission ADAHELI. Astrophysics and Space Science, 2010, 328, 313-318.	1.4	7
31	Editorial to the special issue Synergies Between Solar and Stellar Modelling. Astrophysics and Space Science, 2010, 328, 1-2.	1.4	0
32	Asteroseismology of solarâ€type stars with Kepler: II. Stellar modeling. Astronomische Nachrichten, 2010, 331, 977-980.	1.2	3
33	Four years of HELAS. Astronomische Nachrichten, 2010, 331, 1084-1089.	1.2	0
34	The telescope and the double Fabry-PÃ©rot interferometer for the ADAHELI solar space mission. , 2010, , .		5
35	On the opacity change required to compensate for the revised solar composition. Astronomy and Astrophysics, 2009, 494, 205-208.	5.1	92
36	A spectroscopic search for non-radial pulsations in the Â Scuti star Â Bootis. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1647-1654.	4.4	6

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37	Diffusion and Helioseismology. EAS Publications Series, 2007, 26, 3-16.	0.3	13
38	On helioseismic tests of basic physics. Monthly Notices of the Royal Astronomical Society, 2005, 356, 587-595.	4.4	21
39	85 Peg A: what age for a low-metallicity solar-like star?. Monthly Notices of the Royal Astronomical Society, 2005, 363, 847-856.	4.4	15
40	Interpretation of the solar-like pulsational behaviour of Î· Bootis. Solar Physics, 2004, 220, 185-198.	2.5	26
41	A Study of the Solar-Like Properties of Î² Hydri. Astrophysics and Space Science, 2003, 284, 229-232.	1.4	8
42	Helioseismology: A Fantastic Tool to Probe the Interior of the Sun. Lecture Notes in Physics, 2003, , 31-67.	0.7	8
43	Convective overshooting in the evolution and seismology of $mathsf{eta}$ÂBootis. Astronomy and Astrophysics, 2003, 404, 341-353.	5.1	52
44	A Study of the Solar-Like Properties of Î² Hydri. , 2003, , 229-232.		1
45	Inferences on the solar envelope with high-degree modes. Astronomy and Astrophysics, 2002, 384, 666-677.	5.1	35
46	Internal rotation of the Sun as inferred from GONG observations. Astronomy Letters, 2000, 26, 261-267.	1.0	2
47	Helioseismic Studies of Differential Rotation in the Solar Envelope by the Solar Oscillations Investigation Using the Michelson Doppler Imager. Astrophysical Journal, 1998, 505, 390-417.	4.5	816