

Anne Thoul

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,101
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	Modules for Experiments in Stellar Astrophysics ($MESA$): Convective Boundaries, Element Diffusion, and Massive Star Explosions. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 34.	7.7	1,182
2	Modules for Experiments in Stellar Astrophysics (MESA): Pulsating Variable Stars, Rotation, Convective Boundaries, and Energy Conservation. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 10.	7.7	860
3	CoRoT Measures Solar-Like Oscillations and Granulation in Stars Hotter Than the Sun. <i>Science</i> , 2008, 322, 558-560.	12.6	199
4	CLÉS, Code Liège de l'évolution Stellaire. <i>Astrophysics and Space Science</i> , 2008, 316, 83-91.	1.4	186
5	Asteroseismology of HD 129929: Core Overshooting and Nonrigid Rotation. <i>Science</i> , 2003, 300, 1926-1928.	12.6	165
6	The Liège Oscillation code. <i>Astrophysics and Space Science</i> , 2008, 316, 149-154.	1.4	113
7	An asteroseismic study of the $\hat{\alpha}$ Cephei star $\hat{\alpha}$ Ophiuchi: constraints on global stellar parameters and core overshooting. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 1482-1488.	4.4	107
8	Asteroseismology of the $\hat{\alpha}^2$ Cephei star $\hat{\alpha}^2$ Eridani: massive exploration of standard and non-standard stellar models to fit the oscillation data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 352-358.	4.4	76
9	Solar-Like Oscillations in a Massive Star. <i>Science</i> , 2009, 324, 1540-1542.	12.6	56
10	An asteroseismic study of the $\hat{\alpha}^2$ Cephei star 12 Lacertae: multisite spectroscopic observations, mode identification and seismic modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1460-1472.	4.4	44
11	The discovery of a planetary candidate around the evolved low-mass <i>Kepler</i> giant star HD 175370. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1018-1028.	4.4	27
12	Microscopic Diffusion in Stellar Plasmas. <i>EAS Publications Series</i> , 2007, 26, 25-36.	0.3	22
13	The Impact of White Dwarf Luminosity Profiles on Oscillation Frequencies. <i>Astrophysical Journal Letters</i> , 2018, 867, L30.	8.3	22
14	On the Impact of ^{22}Ne on the Pulsation Periods of Carbon-Oxygen White Dwarfs with Helium-dominated Atmospheres. <i>Astrophysical Journal</i> , 2021, 910, 24.	4.5	14
15	Anomalous electron heat transport driven by low frequency electromagnetic turbulence. <i>Physical Review Letters</i> , 1987, 59, 1448-1451.	7.8	13
16	Anomalous perturbative transport in tokamaks due to drift-Alfvén wave turbulence. <i>Physics of Plasmas</i> , 1994, 1, 601-608.	1.9	7
17	Anomalous perturbative transport in tokamaks due to drift-wave turbulence. <i>Physics of Plasmas</i> , 1994, 1, 579-600.	1.9	5
18	Thoul, Similon, and Sudan reply. <i>Physical Review Letters</i> , 1988, 60, 967-967.	7.8	2

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19	Were the Old Halo globular clusters able to sustain a self-enrichment phase?. <i>New Astronomy Reviews</i> , 2000, 44, 351-353.	12.8	1
20	p-mode Oscillations of $\hat{1}\pm$ Cen A. <i>Astrophysics and Space Science</i> , 2003, 284, 241-244.	1.4	0