

# May Gade Pedersen

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

622  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-frequency gravity waves in blue supergiants revealed by high-precision space photometry. <i>Nature Astronomy</i> , 2019, 3, 760-765.	10.1	92
2	Internal mixing of rotating stars inferred from dipole gravity modes. <i>Nature Astronomy</i> , 2021, 5, 715-722.	10.1	91
3	The shape of convective core overshooting from gravity-mode period spacings. <i>Astronomy and Astrophysics</i> , 2018, 614, A128.	5.1	72
4	Three-dimensional Simulations of Massive Stars. I. Wave Generation and Propagation. <i>Astrophysical Journal</i> , 2019, 876, 4.	4.5	71
5	Diverse Variability of O and B Stars Revealed from 2-minute Cadence Light Curves in Sectors 1 and 2 of the TESS Mission: Selection of an Asteroseismic Sample. <i>Astrophysical Journal Letters</i> , 2019, 872, L9.	8.3	61
6	Asteroseismic masses, ages, and core properties of $\hat{1}^3\hat{A}$ Doradus stars using gravito-inertial dipole modes and spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3248-3263.	4.4	59
7	Probing the shape of the mixing profile and of the thermal structure at the convective core boundary through asteroseismology. <i>Astronomy and Astrophysics</i> , 2019, 628, A76.	5.1	41
8	Weighing stars from birth to death: mass determination methods across the HRD. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1.	25.5	38
9	Recipes for bolometric corrections and <i>Gaia</i> luminosities of B-type stars: application to an asteroseismic sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2738-2753.	4.4	23
10	Asteroseismology of Massive Stars with the TESS Mission: The Runaway $\hat{1}^2$ Cep Pulsator PHL 346 $\hat{=}$ $\hat{A}$ HN Aqr. <i>Astrophysical Journal Letters</i> , 2019, 873, L4.	8.3	19
11	Isochrone-cloud fitting of the extended main-sequence turn-off of young clusters. <i>Astronomy and Astrophysics</i> , 2019, 632, A74.	5.1	18
12	Detection of non-linear resonances among gravity modes of slowly pulsating B stars: Results from five iterative pre-whitening strategies. <i>Astronomy and Astrophysics</i> , 2021, 655, A59.	5.1	16
13	On the Diversity of Mixing and Helium Core Masses of B-type Dwarfs from Gravity-mode Asteroseismology. <i>Astrophysical Journal</i> , 2022, 930, 94.	4.5	13
14	Polarimetric detection of non-radial oscillation modes in the $\hat{1}^2$ Cephei star $\hat{1}^2$ Crucis. <i>Nature Astronomy</i> , 2022, 6, 154-164.	10.1	8