

# Mathias Michielsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1963041/publications.pdf>

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6  
papers

292  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictions for Gravity-mode Periods and Surface Abundances in Intermediate-mass Dwarfs from Shear Mixing and Radiative Levitation. <i>Astrophysical Journal</i> , 2022, 925, 154.	4.5	11
2	Internal mixing of rotating stars inferred from dipole gravity modes. <i>Nature Astronomy</i> , 2021, 5, 715-722.	10.1	91
3	Probing the temperature gradient in the core boundary layer of stars with gravito-inertial modes. <i>Astronomy and Astrophysics</i> , 2021, 650, A175.	5.1	31
4	Towards a systematic treatment of observational uncertainties in forward asteroseismic modelling of gravity-mode pulsators. <i>Astronomy and Astrophysics</i> , 2021, 656, A158.	5.1	26
5	Low-frequency gravity waves in blue supergiants revealed by high-precision space photometry. <i>Nature Astronomy</i> , 2019, 3, 760-765.	10.1	92
6	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