

# Ã,ngela R G Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

634  
citations

687363

13  
h-index

610901

24  
g-index

35  
all docs

35  
docs citations

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times ranked

813  
citing authors

#	ARTICLE	IF	CITATIONS
1	SPINâ€“ORBIT ALIGNMENT OF EXOPLANET SYSTEMS: ENSEMBLE ANALYSIS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2016, 819, 85.	4.5	91
2	Surface Rotation and Photometric Activity for <i>Kepler</i> Targets. I. M and K Main-sequence Stars. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 21.	7.7	74
3	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67
4	Surface Rotation and Photometric Activity for Kepler Targets. II. G and F Main-sequence Stars and Cool Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 17.	7.7	64
5	Signatures of Magnetic Activity in the Seismic Data of Solar-type Stars Observed by Kepler. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 17.	7.7	37
6	Revisiting the Impact of Stellar Magnetic Activity on the Detectability of Solar-Like Oscillations by Kepler. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	33
7	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	5.1	33
8	Chemical Evolution in the Milky Way: Rotation-based Ages for APOGEE-Kepler Cool Dwarf Stars. <i>Astrophysical Journal</i> , 2020, 888, 43.	4.5	29
9	Starspot signature on the light curve. <i>Astronomy and Astrophysics</i> , 2017, 599, A1.	5.1	26
10	A calibration of the Rossby number from asteroseismology. <i>Astronomy and Astrophysics</i> , 2021, 652, L2.	5.1	18
11	The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2020, 900, 154.	4.5	18
12	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114.	4.7	17
13	ROOSTER: a machine-learning analysis tool for <i>Kepler</i> stellar rotation periods. <i>Astronomy and Astrophysics</i> , 2021, 647, A125.	5.1	15
14	Detections of solar-like oscillations in dwarfs and subgiants with <i>Kepler</i> DR25 short-cadence data. <i>Astronomy and Astrophysics</i> , 2022, 657, A31.	5.1	14
15	Influence of Magnetic Activity on the Determination of Stellar Parameters Through Asteroseismology. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	13
16	Spot cycle reconstruction: an empirical tool. <i>Astronomy and Astrophysics</i> , 2015, 580, A62.	5.1	13
17	Sounding stellar cycles with Kepler â€“ III. Comparative analysis of chromospheric, photometric, and asteroseismic variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5096-5104.	4.4	11
18	On the contribution of sunspots to the observed frequency shifts of solar acoustic modes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 224-229.	4.4	10

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19	Asteroseismic constraints on active latitudes of solar-type stars: HD173701 has active bands at higher latitudes than the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3857-3868.	4.4	10
20	Signatures of Magnetic Activity: On the Relation between Stellar Properties and p-mode Frequency Variations. <i>Astrophysical Journal</i> , 2019, 883, 65.	4.5	10
21	On the relation between active-region lifetimes and the autocorrelation function of light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 267-278.	4.4	9
22	Robust asteroseismic properties of the bright planet host HD38529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6084-6093.	4.4	8
23	Asteroseismology and magnetic cycles. <i>Astronomische Nachrichten</i> , 2012, 333, 1032-1035.	1.2	4
24	A thorough analysis of the short- and mid-term activity-related variations in the solar acoustic frequencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4408-4414.	4.4	3
25	Brightness Fluctuation Spectra of Sun-like Stars. I. The Mid-frequency Continuum. <i>Astrophysical Journal</i> , 2021, 916, 66.	4.5	2
26	Study of chemically peculiar stars. High-resolution spectroscopy and <i>K2</i> photometry of Am stars in the region of M44. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5854-5871.	4.4	2
27	What future awaits the Sun?. <i>Science</i> , 2020, 368, 466-467.	12.6	1
28	A Comparison of Global Helioseismic-Instrument Performances: Solar-SONG, GOLF and VIRGO. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 327-328.	0.3	1
29	Surface Rotation and Magnetic Activity of Solar-Like Stars: Impact on Seismic Detections. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 115-120.	0.3	1
30	Empirical solar/stellar cycle simulations. <i>EPJ Web of Conferences</i> , 2015, 101, 06055.	0.3	0
31	On the relation between activity-related frequency shifts and the sunspot distribution over the solar cycle 23. <i>EPJ Web of Conferences</i> , 2017, 160, 02013.	0.3	0
32	Learning about the latitudinal distribution of starspots through the periodogram analysis of photometric data. <i>EPJ Web of Conferences</i> , 2017, 160, 02012.	0.3	0
33	Seismic signatures of magnetic activity in solar-type stars observed by Kepler. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 225-228.	0.0	0
34	Seismic Signatures of Solar and Stellar Magnetic Activity. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 221-234.	0.3	0
35	On the Limits of Seismic Inversions for Radial Differential Rotation of Solar-Type Stars. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 269-271.	0.3	0