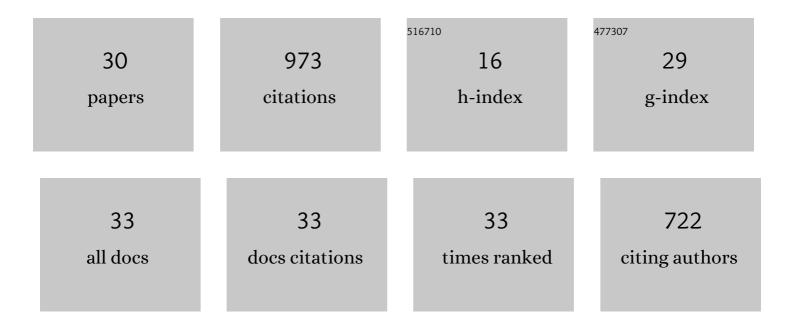
Santiago Andres Triana

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Tight asteroseismic constraints on core overshooting and diffusive mixing in the slowly rotating pulsating B8.3V star KIC 10526294. Astronomy and Astrophysics, 2015, 580, A27.	5.1	137
2	GRAVITY-MODE PERIOD SPACINGS AS A SEISMIC DIAGNOSTIC FOR A SAMPLE OF <i>γ</i> DORADUS STARS FROM <i>KEPLER</i> SPACE PHOTOMETRY AND HIGH-RESOLUTION GROUND-BASED SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2015, 218, 27.	7.7	115
3	THE INTERNAL ROTATION PROFILE OF THE B-TYPE STAR KIC 10526294 FROM FREQUENCY INVERSION OF ITS DIPOLE GRAVITY MODES. Astrophysical Journal, 2015, 810, 16.	4.5	82
4	KIC 10526294: a slowly rotating B star with rotationally split, quasi-equally spaced gravity modes. Astronomy and Astrophysics, 2014, 570, A8.	5.1	63
5	Photometric detection of internal gravity waves in upper main-sequence stars. Astronomy and Astrophysics, 2019, 621, A135.	5.1	63
6	Inertial waves driven by differential rotation in a planetary geometry. Geophysical and Astrophysical Fluid Dynamics, 2007, 101, 469-487.	1.2	62
7	Bi-stability in turbulent, rotating spherical Couette flow. Physics of Fluids, 2011, 23, .	4.0	52
8	A turbulent, high magnetic Reynolds number experimental model of Earth's core. Journal of Geophysical Research: Solid Earth, 2014, 119, 4538-4557.	3.4	37
9	Internal rotation of 13 low-mass low-luminosity red giants in the <i>Kepler</i> field. Astronomy and Astrophysics, 2017, 602, A62.	5.1	34
10	K2 photometry and HERMES spectroscopy of the blue supergiant Ï Leo: rotational wind modulation and low-frequency waves. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1234-1241.	4.4	34
11	Internal Energy Dissipation in Enceladus's Subsurface Ocean From Tides and Libration and the Role of Inertial Waves. Journal of Geophysical Research E: Planets, 2019, 124, 2198-2212.	3.6	34
12	Precessional states in a laboratory model of the Earth's core. Journal of Geophysical Research, 2012, 117, .	3.3	30
13	Excitation of inertial modes in an experimental spherical Couette flow. Physical Review E, 2012, 86, 026304.	2.1	28
14	Asteroseismology of 19 low-luminosity red giant stars from <i>Kepler</i> . Astronomy and Astrophysics, 2016, 591, A99.	5.1	26
15	Selection of inertial modes in spherical Couette flow. Physical Review E, 2010, 81, 026311.	2.1	24
16	Understanding the effects of the core on the nutation of the Earth. Geodesy and Geodynamics, 2017, 8, 389-395.	2.2	17
17	Triadic resonances in the wide-gap spherical Couette system. Journal of Fluid Mechanics, 2018, 843, 211-243.	3.4	16
18	The coupling between inertial and rotational eigenmodes in planets with liquid cores. Geophysical Journal International, 2019, 218, 1071-1086.	2.4	16

#	Article	IF	CITATIONS
19	Study of turbulence and interacting inertial modes in a differentially rotating spherical shell experiment. Physical Review Fluids, 2016, 1, .	2.5	16
20	Inertial Modes of a Freely Rotating Ellipsoidal Planet and Their Relation to Nutations. Planetary Science Journal, 2020, 1, 20.	3.6	14
21	Fluid Dynamics Experiments for Planetary Interiors. Surveys in Geophysics, 2022, 43, 229-261.	4.6	13
22	Inertial modes in near-spherical geometries. Geophysical Journal International, 2019, 216, 777-793.	2.4	12
23	Numerical and experimental investigation of shear-driven inertial oscillations in an Earth-like geometry. Physics of the Earth and Planetary Interiors, 2011, 188, 194-202.	1.9	9
24	Core Eigenmodes and their Impact on the Earth's Rotation. Surveys in Geophysics, 2022, 43, 107-148.	4.6	9
25	The Viscous and Ohmic Damping of the Earth's Free Core Nutation. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021042.	3.4	8
26	Driven inertial waves in spherical Couette flow. Chaos, 2006, 16, 041105.	2.5	7
27	Helioseismology in a bottle: modal acoustic velocimetry. New Journal of Physics, 2014, 16, 113005.	2.9	6
28	Quantification of corrections for the main lunisolar nutation components and analysis of the free core nutation from VLBI-observed nutation residuals. Journal of Geodesy, 2021, 95, 1.	3.6	6
29	KIC 10526294: a slowly rotating B star with rotationally split, quasi-equally spaced gravity modes <i>(Corrigendum)</i> . Astronomy and Astrophysics, 2014, 570, C4.	5.1	3
30	Characterization of the magnetorotational instability from a turbulent background state. AIP Conference Proceedings, 2004, , .	0.4	0