

Andre Izidoro

List of Publications by Year in descending order

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41
papers

2,076
citations

304743

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41
all docs

41
docs citations

41
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the chains: hot super-Earth systems from migration and disruption of compact resonant chains. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1750-1770.	4.4	244
2	Origin of water in the inner Solar System: Planetesimals scattered inward during Jupiter and Saturn's rapid gas accretion. <i>Icarus</i> , 2017, 297, 134-148.	2.5	197
3	Formation of planetary systems by pebble accretion and migration. <i>Astronomy and Astrophysics</i> , 2019, 627, A83.	5.1	149
4	Formation of planetary systems by pebble accretion and migration: growth of gas giants. <i>Astronomy and Astrophysics</i> , 2019, 623, A88.	5.1	117
5	The empty primordial asteroid belt. <i>Science Advances</i> , 2017, 3, e1701138.	10.3	99
6	TERRESTRIAL PLANET FORMATION IN A PROTOPLANETARY DISK WITH A LOCAL MASS DEPLETION: A SUCCESSFUL SCENARIO FOR THE FORMATION OF MARS. <i>Astrophysical Journal</i> , 2014, 782, 31.	4.5	98
7	Terrestrial planet formation constrained by Mars and the structure of the asteroid belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3620-3635.	4.4	94
8	GAS GIANT PLANETS AS DYNAMICAL BARRIERS TO INWARD-MIGRATING SUPER-EARTHS. <i>Astrophysical Journal Letters</i> , 2015, 800, L22.	8.3	89
9	Formation of planetary systems by pebble accretion and migration. <i>Astronomy and Astrophysics</i> , 2021, 650, A152.	5.1	85
10	A COMPOUND MODEL FOR THE ORIGIN OF EARTH'S WATER. <i>Astrophysical Journal</i> , 2013, 767, 54.	4.5	81
11	The Delivery of Water During Terrestrial Planet Formation. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	76
12	TERRESTRIAL PLANET FORMATION IN THE PRESENCE OF MIGRATING SUPER-EARTHS. <i>Astrophysical Journal</i> , 2014, 794, 11.	4.5	63
13	Accretion of Uranus and Neptune from inward-migrating planetary embryos blocked by Jupiter and Saturn. <i>Astronomy and Astrophysics</i> , 2015, 582, A99.	5.1	63
14	THE ASTEROID BELT AS A RELIC FROM A CHAOTIC EARLY SOLAR SYSTEM. <i>Astrophysical Journal</i> , 2016, 833, 40.	4.5	62
15	Rocky super-Earths or waterworlds: the interplay of planet migration, pebble accretion, and disc evolution. <i>Astronomy and Astrophysics</i> , 2019, 624, A109.	5.1	62
16	Migration-driven diversity of super-Earth compositions. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L81-L85.	3.3	61
17	Dynamical evidence for an early giant planet instability. <i>Icarus</i> , 2020, 339, 113605.	2.5	60
18	Did Jupiter's core form in the innermost parts of the Sun's protoplanetary disc?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2962-2972.	4.4	46

#	ARTICLE	IF	CITATIONS
19	Planetesimal rings as the cause of the Solar System's planetary architecture. <i>Nature Astronomy</i> , 2022, 6, 357-366.	10.1	43
20	Excitation of a Primordial Cold Asteroid Belt as an Outcome of Planetary Instability. <i>Astrophysical Journal</i> , 2018, 864, 50.	4.5	39
21	The eccentricity distribution of giant planets and their relation to super-Earths in the pebble accretion scenario. <i>Astronomy and Astrophysics</i> , 2020, 643, A66.	5.1	30
22	An upper limit on late accretion and water delivery in the TRAPPIST-1 exoplanet system. <i>Nature Astronomy</i> , 2022, 6, 80-88.	10.1	25
23	The Effect of a Strong Pressure Bump in the Sun's Natal Disk: Terrestrial Planet Formation via Planetesimal Accretion Rather than Pebble Accretion. <i>Astrophysical Journal</i> , 2021, 915, 62.	4.5	23
24	Identifying Inflated Super-Earths and Photo-evaporated Cores. <i>Astrophysical Journal</i> , 2018, 866, 104.	4.5	22
25	Born eccentric: Constraints on Jupiter and Saturn's pre-instability orbits. <i>Icarus</i> , 2021, 355, 114122.	2.5	22
26	Formation of short-period planets by disc migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3874-3885.	4.4	17
27	Building the Galilean moons system via pebble accretion and migration: a primordial resonant chain. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1854-1872.	4.4	14
28	Analysis of 25 mutual eclipses and occultations between the Galilean satellites observed from Brazil in 2009.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 225-242.	4.4	13
29	The "breaking the chains" migration model for super-Earth formation: the effect of collisional fragmentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2856-2868.	4.4	13
30	Formation of Terrestrial Planets. , 2018, , 2365-2423.		12
31	The origins of nearly coplanar, non-resonant systems of close-in super-Earths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2493-2500.	4.4	10
32	A deeper view of the CoRoT-9 planetary system. <i>Astronomy and Astrophysics</i> , 2017, 603, A43.	5.1	9
33	Simulations of the Fomalhaut system within its local galactic environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 470-491.	4.4	7
34	Born extra-eccentric: A broad spectrum of primordial configurations of the gas giants that match their present-day orbits. <i>Icarus</i> , 2021, 367, 114556.	2.5	7
35	Could Uranus and Neptune form by collisions of planetary embryos?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1647-1660.	4.4	6
36	Dynamical origin of the Dwarf Planet Ceres. <i>Icarus</i> , 2022, 379, 114933.	2.5	6

#	ARTICLE	IF	CITATIONS
37	Co-orbital satellites of Saturn: congenital formation. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	5
38	Earth-size planet formation in the habitable zone of circumbinary stars. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1045-1057.	4.4	5
39	Planet formation in a triple stellar system: implications of the third star's orbital inclination. International Journal of Astrobiology, 2015, 14, 153-163.	1.6	2
40	Formation of Terrestrial Planets. , 2018,, 1-59.		0
41	The Delivery of Water During Terrestrial Planet Formation. Space Sciences Series of ISSI, 2018, , 291-314.	0.0	0