

Matias Montesinos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	ACCRETION KINEMATICS THROUGH THE WARPED TRANSITION DISK IN HD 142527 FROM RESOLVED CO(6 μ m) OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 811, 92.	4.5	117
2	Flybys in protoplanetary discs: I. Gas and dust dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4114-4139.	4.4	85
3	SPIRAL WAVES TRIGGERED BY SHADOWS IN TRANSITION DISKS. <i>Astrophysical Journal Letters</i> , 2016, 823, L8.	8.3	81
4	Evidence for a Circumplanetary Disk around Protoplanet PDS 70 b. <i>Astrophysical Journal Letters</i> , 2019, 877, L33.	8.3	59
5	Flybys in protoplanetary discs – II. Observational signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 504-514.	4.4	51
6	Planetary-like spirals caused by moving shadows in transition discs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 475, L35-L39.	3.3	44
7	PROTOPLANETARY DISKS INCLUDING RADIATIVE FEEDBACK FROM ACCRETING PLANETS. <i>Astrophysical Journal</i> , 2015, 806, 253.	4.5	22
8	The vertical structure of debris discs and the impact of gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 713-734.	4.4	20
9	Dust production in the debris disk around HR 4796 A. <i>Astronomy and Astrophysics</i> , 2019, 630, A142.	5.1	18
10	Dust trapping around Lagrangian points in protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2020, 642, A224.	5.1	18
11	Scattered light may reveal the existence of ringed exoplanets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L85-L90.	3.3	8
12	<i>Cronomoons</i> : origin, dynamics, and light-curve features of ringed exomoons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1032-1044.	4.4	6
13	NaCo polarimetric observations of Sz α 91 transitional disc: a remarkable case of dust filtering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1531-1542.	4.4	5
14	An unusually large gaseous transit in a debris disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5218-5227.	4.4	4
15	Radiative Scale Height and Shadows in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2021, 910, 31.	4.5	3