

Sebastián Marino

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,254
citations

218677

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docs citations

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times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	ALMA's view of the M-dwarf GSC 07396-00759's edge-on debris disc: AU Mic's coeval twin. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4752-4764.	4.4	1
2	Vertical evolution of exocometary gas I. How vertical diffusion shortens the CO lifetime. Monthly Notices of the Royal Astronomical Society, 2022, 515, 507-524.	4.4	5
3	Constraining planetesimal stirring: how sharp are debris disc edges?. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5100-5114.	4.4	16
4	Limits on the presence of planets in systems with debris discs: HD 92945 and HD 107146. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1276-1289.	4.4	3
5	A survey of the linear polarization of directly imaged exoplanets and brown dwarf companions with SPHERE-IRDIS. Astronomy and Astrophysics, 2021, 647, A21.	5.1	28
6	Non-Keplerian spirals, a gas-pressure dust trap, and an eccentric gas cavity in the circumbinary disc around HD 142527. Monthly Notices of the Royal Astronomical Society, 2021, 504, 782-791.	4.4	15
7	A Detailed Characterization of HR 8799's Debris Disk with ALMA in Band 7. Astronomical Journal, 2021, 161, 271.	4.7	25
8	High-resolution ALMA and <i>HST</i> images of ρ 1 Eri: an asymmetric debris disc with an eccentric Jupiter. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1978-2001.	4.4	17
9	Resolving Structure in the Debris Disk around HD 206893 with ALMA. Astrophysical Journal, 2021, 917, 5.	4.5	13
10	Observability of the vertical shear instability in protoplanetary disk CO kinematics. Astronomy and Astrophysics, 2021, 653, A113.	5.1	17
11	The Ophiuchus Disc Survey Employing ALMA (ODISEA) III. The evolution of substructures in massive discs at $3''$ resolution. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2934-2953.	4.4	57
12	Rapid CO gas dispersal from NO Lup's class III circumstellar disc. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 502, L66-L71.	3.3	3
13	The formation of wide <i>exoKuiper</i> belts from migrating dust traps. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5638-5656.	4.4	9
14	Carbon monoxide gas produced by a giant impact in the inner region of a young system. Nature, 2021, 598, 425-428.	27.8	8
15	High-resolution ALMA observations of V4046 Sgr: a circumbinary disc with a thin ring. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1248-1257.	4.4	8
16	The protoplanetary disc around HD 169142: circumstellar or circumbinary?. Monthly Notices of the Royal Astronomical Society, 2021, 510, 205-215.	4.4	6
17	Insights into the planetary dynamics of HD 206893 with ALMA. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1319-1334.	4.4	31
18	Survey of planetesimal belts with ALMA: gas detected around the Sun-like star HD 129590. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2811-2830.	4.4	20

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19	Hints on the origins of particle traps in protoplanetary disks given by the $M_{\text{dust}} \propto M_{\text{star}}^{\alpha}$ relation. <i>Astronomy and Astrophysics</i> , 2020, 635, A105.	5.1	46
20	Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. <i>Astrophysical Journal Letters</i> , 2020, 889, L24.	8.3	42
21	Searching for a dusty cometary belt around TRAPPIST-1 with ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 6067-6073.	4.4	4
22	Population synthesis of exocometary gas around A stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4409-4429.	4.4	29
23	Resolving the outer ring of HD 38206 using ALMA and constraining limits on planets in the system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1604-1611.	4.4	5
24	Dust Populations in the Iconic Vega Planetary System Resolved by ALMA. <i>Astrophysical Journal</i> , 2020, 898, 146.	4.5	16
25	ALMA survey of Lupus class III stars: Early planetesimal belt formation and rapid disc dispersal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4878-4900.	4.4	16
26	The REASONS Survey: Resolved Millimeter Observations of a Large Debris Disk around the Nearby F Star HD 170773. <i>Astrophysical Journal</i> , 2019, 881, 84.	4.5	15
27	Upper limits on protolunar disc masses using ALMA observations of directly imaged exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1005-1011.	4.4	18
28	Cooling in the shade of warped transition discs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L58-L62.	3.3	17
29	Dust traps in the protoplanetary disc MWC 758: two vortices produced by two giant planets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 304-319.	4.4	46
30	Cm-wavelength observations of MWC 758: resolved dust trapping in a vortex. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3278-3287.	4.4	20
31	A gap in HD 92945's broad planetesimal disc revealed by ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1257-1269.	4.4	38
32	Kuiper Belt-like Hot and Cold Populations of Planetesimal Inclinations in the β Pictoris Belt Revealed by ALMA. <i>Astronomical Journal</i> , 2019, 157, 135.	4.7	56
33	Circumbinary, not transitional: on the spiral arms, cavity, shadows, fast radial flows, streamers, and horseshoe in the HD 142527 disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1270-1284.	4.4	122
34	Shaping HR8799's outer dust belt with an unseen planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4953-4966.	4.4	36
35	ALMA observations of the narrow HR 4796A debris ring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4924-4938.	4.4	38
36	Cometary impactors on the TRAPPIST-1 planets can destroy all planetary atmospheres and rebuild secondary atmospheres on planets f, g, and h. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2649-2672.	4.4	36

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37	Publisher Note: Circumbinary, not transitional: On the spiral arms, cavity, shadows, fast radial flows, streamers and horseshoe in the HD142527 disc. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3169-3169.	4.4	3
38	The ALMA early science view of FUor/EXor objects – V. Continuum disc masses and sizes. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4347-4357.	4.4	45
39	An Empirical Planetesimal Belt Radius–Stellar Luminosity Relation. Astrophysical Journal, 2018, 859, 72.	4.5	66
40	A gap in the planetesimal disc around HD 107146 and asymmetric warm dust emission revealed by ALMA. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5423-5439.	4.4	54
41	Scattering of exocomets by a planet chain: exozodi levels and the delivery of cometary material to inner planets. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1651-1671.	4.4	20
42	An inner warp in the DoAr 44 T Tauri transition disc. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5104-5114.	4.4	70
43	ALMA observations of the $\hat{\iota}$ -Corvi debris disc: inward scattering of CO-rich exocomets by a chain of planets?. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2595-2615.	4.4	96
44	How to design a planetary system for different scattering outcomes: giant impact sweet spot, maximizing exocomets, scattered discs. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3385-3407.	4.4	74
45	ALMA observations of the multiplanet system 61 Vir: what lies outside super-Earth systems?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3518-3531.	4.4	46
46	SPIRAL WAVES TRIGGERED BY SHADOWS IN TRANSITION DISKS. Astrophysical Journal Letters, 2016, 823, L8.	8.3	81
47	An M-dwarf star in the transition disk of Herbig HD 142527. Astronomy and Astrophysics, 2016, 590, A90.	5.1	73
48	Exocometary gas in the HD 181327 debris ring. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2933-2944.	4.4	113
49	PLANET FORMATION SIGNPOSTS: OBSERVABILITY OF CIRCUMPLANETARY DISKS VIA GAS KINEMATICS. Astrophysical Journal Letters, 2015, 811, L5.	8.3	112
50	ACCRETION KINEMATICS THROUGH THE WARPED TRANSITION DISK IN HD 142527 FROM RESOLVED CO(6–5) OBSERVATIONS. Astrophysical Journal, 2015, 811, 92.	4.5	117
51	A COMPACT CONCENTRATION OF LARGE GRAINS IN THE HD 142527 PROTOPLANETARY DUST TRAP. Astrophysical Journal, 2015, 812, 126.	4.5	114
52	COMPACT DUST CONCENTRATION IN THE MWC 758 PROTOPLANETARY DISK. Astrophysical Journal, 2015, 813, 76.	4.5	43
53	SHADOWS CAST BY A WARP IN THE HD 142527 PROTOPLANETARY DISK. Astrophysical Journal Letters, 2015, 798, L44.	8.3	209
54	SEARCHING FOR LIGHT ECHOES DUE TO CIRCUMSTELLAR MATTER IN SNe Ia SPECTRA. Astrophysical Journal, 2015, 806, 134.	4.5	5

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55	Imaging [C _I] around HD 131835: reinterpreting young debris discs with protoplanetary disc levels of CO gas as shielded secondary discs. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	31