

Sami M Dib

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,258
citations

331538

21
h-index

360920

35
g-index

48
all docs

48
docs citations

48
times ranked

1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Stellar collisions in globular clusters: the origin of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2936-2944.	1.6	6
2	Cloud motion and magnetic fields: Four clouds in the Cepheus Flare region <i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2022, 659, C2.	2.1	0
3	Metal-THINGS: On the Metallicity and Ionization of ULX Sources in NGC 925. <i>Astrophysical Journal</i> , 2021, 906, 42.	1.6	10
4	Six Outbursts of Comet 46P/Wirtanen. <i>Planetary Science Journal</i> , 2021, 2, 131.	1.5	7
5	The structure and characteristic scales of the H&I gas in galactic disks. <i>Astronomy and Astrophysics</i> , 2021, 655, A101.	2.1	10
6	The structure and characteristic scales of molecular clouds. <i>Astronomy and Astrophysics</i> , 2020, 642, A177.	2.1	11
7	Transit timing variations in the WASP-4 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4230-4236.	1.6	28
8	Star formation activity and the spatial distribution and mass segregation of dense cores in the early phases of star formation. <i>Astronomy and Astrophysics</i> , 2019, 629, A135.	2.1	38
9	Structure and mass segregation in Galactic stellar clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 849-859.	1.6	43
10	The emergence of the galactic stellar mass function from a non-universal IMF in clusters. <i>Astronomy and Astrophysics</i> , 2018, 614, A43.	2.1	15
11	Physical properties and chemical composition of the cores in the California molecular cloud. <i>Astronomy and Astrophysics</i> , 2018, 620, A163.	2.1	21
12	Properties of an accretion disc with a power-law stress&pressure relationship. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5170-5179.	1.6	2
13	Multifractal analysis of the interstellar medium: first application to Hi-GAL observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 509-532.	1.6	17
14	Massive stars reveal variations of the stellar initial mass function in the Milky Way stellar clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1738-1752.	1.6	41
15	Structure of radiation-dominated gravitoturbulent quasar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4018-4027.	1.6	2
16	The extended law of star formation: the combined role of gas and stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1521-1531.	1.6	11
17	H-ATLAS/GAMA: the nature and characteristics of optically red galaxies detected at submillimetre wavelengths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2221-2259.	1.6	18
18	Star formation rates from young-star counts and the structure of the ISM across the NGC 346/N66 complex in the SMC&.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1847-1862.	1.6	40

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19	Magnetic field structure around cores with very low luminosity objects. <i>Astronomy and Astrophysics</i> , 2015, 573, A34.	2.1	23
20	NGC 7538: multiwavelength study of stellar cluster regions associated with IRS 1 and IRS 9 sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3218-3237.	1.6	15
21	Testing the universality of the IMF with Bayesian statistics: young clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1957-1981.	1.6	41
22	The Evolution of the Core Mass Function by Gas Accretion. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2014, , 359-360.	0.3	0
23	Feedback-regulated star formation II. Dual constraints on the SFE and the age spread of stars in massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3727-3740.	1.6	34
24	THE LESSER ROLE OF SHEAR IN GALACTIC STAR FORMATION: INSIGHT FROM THE GALACTIC RING SURVEY. <i>Astrophysical Journal</i> , 2012, 758, 125.	1.6	26
25	Dynamical friction in an isentropic gas. <i>Astrophysics and Space Science</i> , 2012, 340, 117-125.	0.5	3
26	Surface convection and red-giant radius measurements. <i>Astronomy and Astrophysics</i> , 2011, 526, A100.	2.1	28
27	Gas dynamics in massive dense cores in Cygnus-X. <i>Astronomy and Astrophysics</i> , 2011, 527, A135.	2.1	81
28	FEEDBACK-REGULATED STAR FORMATION: IMPLICATIONS FOR THE KENNICUTT-SCHMIDT LAW. <i>Astrophysical Journal Letters</i> , 2011, 737, L20.	3.0	27
29	Star formation efficiency as a function of metallicity: from star clusters to galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3439-3454.	1.6	46
30	Distances to dense cores that contain very low luminosity objects. <i>Astronomy and Astrophysics</i> , 2011, 536, A99.	2.1	18
31	THE ANGULAR MOMENTUM OF MAGNETIZED MOLECULAR CLOUD CORES: A TWO-DIMENSIONAL-THREE-DIMENSIONAL COMPARISON. <i>Astrophysical Journal</i> , 2010, 723, 425-439.	1.6	61
32	The IMF of stellar clusters: effects of accretion and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	21
33	A method to determine distances to molecular clouds using near-IR photometry. <i>Astronomy and Astrophysics</i> , 2010, 509, A44.	2.1	19
34	Magnetothermal condensation modes including the effects of charged dust particles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 985-990.	1.6	19
35	The orientations of molecular clouds in the outer Galaxy: evidence for the scale of the turbulence driver?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1201-1206.	1.6	18
36	Thin accretion disc with a corona in a central magnetic field. <i>Astrophysics and Space Science</i> , 2008, 314, 251-260.	0.5	1

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37	Core Mass Function: The Role of Gravity. <i>Astrophysical Journal</i> , 2008, 678, L105-L108.	1.6	40
38	The Virial Balance of Clumps and Cores in Molecular Clouds. <i>Astrophysical Journal</i> , 2007, 661, 262-284.	1.6	83
39	The origin of the Arches stellar cluster mass function. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 381, L40-L44.	1.2	56
40	THE UNUSUAL STELLAR MASS FUNCTION OF STARBURST CLUSTERS. <i>Journal of the Korean Astronomical Society</i> , 2007, 40, 157-160.	1.5	11
41	The virial balance of clumps and cores in molecular clouds. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 410-410.	0.0	0
42	The Supernova Rate–Velocity Dispersion Relation in the Interstellar Medium. <i>Astrophysical Journal</i> , 2006, 638, 797-810.	1.6	182
43	On the Origin of the HI Holes in the Interstellar Medium of Dwarf Irregular Galaxies. <i>Astrophysical Journal</i> , 2005, 630, 238-249.	1.6	73
44	On the thermal instability in numerical models of the interstellar medium. <i>Astrophysics and Space Science</i> , 2004, 289, 465-468.	0.5	4
45	The Origin of the HI Holes in the Interstellar Medium of Holmberg II. <i>Astrophysics and Space Science</i> , 2004, 292, 135-140.	0.5	7
46	On the Thermal Instability in Numerical Models of the Interstellar Medium. , 2004, , 289-292.		0
47	Self-similar cosmological solutions in $f(R,T)$ gravity theory. <i>International Journal of Geometric Methods in Modern Physics</i> , 0, , 2150206.	0.8	1
48	Brane cosmology with variable tension. <i>Canadian Journal of Physics</i> , 0, , .	0.4	0