

Ayesha Begum

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,480
citations

471509

17
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	Thick gas discs in faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 404, L60-L63.	3.3	334
2	FIGGS: Faint Irregular Galaxies GMRT Survey “ overview, observations and first results. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1667-1682.	4.4	177
3	THE GALFA-HI SURVEY: DATA RELEASE 1. Astrophysical Journal, Supplement Series, 2011, 194, 20.	7.7	175
4	The Local Group dwarf Leo T: H α on the brink of star formation. Monthly Notices of the Royal Astronomical Society, 0, 384, 535-540.	4.4	113
5	Gas distribution, kinematics and star formation in faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 365, 1220-1234.	4.4	84
6	Baryonic Tully-Fisher relation for extremely low mass Galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 138-144.	4.4	74
7	A HIGH-RESOLUTION STUDY OF THE H I-H ₂ TRANSITION ACROSS THE PERSEUS MOLECULAR CLOUD. Astrophysical Journal, 2012, 748, 75.	4.5	68
8	Star formation in extremely faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1435-1453.	4.4	67
9	Power spectrum of HI intensity fluctuations in DDO 210. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 372, L33-L37.	3.3	53
10	A study of interstellar medium of dwarf galaxies using H α power spectrum analysis. Monthly Notices of the Royal Astronomical Society, 2009, 398, 887-897.	4.4	50
11	H ₂ power spectrum of the spiral galaxy NGC 628. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 384, L34-L37.	3.3	37
12	The scaleheight of NGC 1058 measured from its H ₂ power spectrum. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 397, L60-L63.	3.3	36
13	The little galaxy that could: kinematics of. New Astronomy, 2003, 8, 267-280.	1.8	28
14	Probing interstellar turbulence in spiral galaxies using H ₂ power spectrum analysis. New Astronomy, 2013, 19, 89-98.	1.8	27
15	COMPACT H I CLOUDS FROM THE GALFA-H I SURVEY. Astrophysical Journal, 2010, 722, 395-411.	4.5	20
16	Small Bites: star formation recipes in extreme dwarfs. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 414, L55-L59.	3.3	20
17	CHARACTERIZING THE TURBULENT PROPERTIES OF THE STARLESS MOLECULAR CLOUD MBM 16. Astrophysical Journal, 2013, 779, 36.	4.5	19
18	A search for H α in some peculiar faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 362, 609-611.	4.4	18

#	ARTICLE	IF	CITATIONS
19	Antimicrobial susceptibility pattern of extended-spectrum beta-lactamases producing organisms isolated in a Tertiary Care Hospital, Bangladesh. International Journal of Applied & Basic Medical Research, 2017, 7, 189.	0.5	15
20	A slow bar in the dwarf irregular galaxy NGC 3741. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1257-1263.	4.4	13
21	Life in the last lane: star formation and chemical evolution in an extremely gas rich dwarf. Monthly Notices of the Royal Astronomical Society, 0, 383, 809-816.	4.4	12
22	The H α column density distribution function in faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1596-1601.	4.4	11
23	Cold H α in faint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2467-2485.	4.4	11
24	Modelling H α distribution and kinematics in the edge-on dwarf irregular galaxy KK250. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1424-1429.	4.4	9
25	Turbulence in the harassed galaxy NGC4254. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 405, L102-L106.	3.3	8
26	Gas Rich Galaxies from the FIGGS Survey. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 65-68.	0.3	1
27	Kinematics of Extremely Faint Dwarf Galaxies. Symposium - International Astronomical Union, 2004, 220, 347-352.	0.1	0
28	FIGGS Faint Irregular Galaxies GMRT Survey. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 61-64.	0.3	0