

Sanchayeeta Borthakur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3700237/publications.pdf>

Version: 2024-02-01

37
papers

2,027
citations

361045

20
h-index

344852

36
g-index

38
all docs

38
docs citations

38
times ranked

2192
citing authors

#	ARTICLE	IF	CITATIONS
1	How are Ly $\hat{\pm}$ Absorbers in the Cosmic Web Related to Gas-rich Galaxies?. <i>Astrophysical Journal</i> , 2022, 924, 123.	1.6	3
2	The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 1.	3.0	62
3	The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics. <i>Astrophysical Journal</i> , 2022, 930, 126.	1.6	48
4	Tracing Ly $\hat{\pm}$ and LyC Escape in Galaxies with Mg ii Emission. <i>Astrophysical Journal</i> , 2022, 933, 202.	1.6	17
5	Discovery of a Low-redshift Damped Ly $\hat{\pm}$ System in a Foreground Extended Disk Using a Starburst Galaxy Background Illuminator. <i>Astrophysical Journal</i> , 2021, 907, 103.	1.6	4
6	The Low-redshift Lyman-continuum Survey: [S ii] Deficiency and the Leakage of Ionizing Radiation. <i>Astrophysical Journal</i> , 2021, 916, 3.	1.6	24
7	DIISC-I: The Discovery of Kinematically Anomalous H i Clouds in M 100. <i>Astrophysical Journal</i> , 2021, 922, 69.	1.6	4
8	The H i Column Density Distribution of the Galactic Disk and Halo. <i>Astrophysical Journal</i> , 2021, 923, 50.	1.6	10
9	DIISC-II: Unveiling the Connections between Star Formation and Interstellar Medium in the Extended Ultraviolet Disk of NGC 3344. <i>Astrophysical Journal</i> , 2021, 923, 199.	1.6	3
10	Detection of a Multiphase Intragroup Medium: Results from the COS-IGrM Survey. <i>Astrophysical Journal</i> , 2021, 923, 189.	1.6	4
11	Lyman $\hat{\pm}$ absorption beyond the disc of simulated spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 152-168.	1.6	20
12	The Lyman Continuum Escape Fraction of Galaxies and AGN in the GOODS Fields. <i>Astrophysical Journal</i> , 2020, 897, 41.	1.6	17
13	A New Technique for Finding Galaxies Leaking Lyman-continuum Radiation: [S ii]-deficiency. <i>Astrophysical Journal</i> , 2019, 885, 57.	1.6	38
14	The morphology and kinematics of the gaseous circumgalactic medium of Milky Way mass galaxies â€“ II. Comparison of IllustrisTNG and Illustris simulation results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4686-4700.	1.6	20
15	Discovery of a Damped Ly $\hat{\pm}$ System in a Low-z Galaxy Group: Possible Evidence for Gas Inflow and Nuclear Star Formation. <i>Astrophysical Journal</i> , 2019, 871, 239.	1.6	9
16	High-sensitivity far-ultraviolet imaging spectroscopy with the SPRITE Cubesat. , 2019, , .		4
17	COS-burst: Observations of the Impact of Starburst-driven Winds on the Properties of the Circum-galactic Medium. <i>Astrophysical Journal</i> , 2017, 846, 151.	1.6	65
18	xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 22.	3.0	350

#	ARTICLE	IF	CITATIONS
19	DISTRIBUTION OF COLD (~ 2300 K) ATOMIC GAS IN GALAXIES: RESULTS FROM THE GBT H I ABSORPTION SURVEY PROBING THE INNER HALOS ($\lesssim 20$ kpc) OF LOW- z GALAXIES. <i>Astrophysical Journal</i> , 2016, 829, 128.	1.6	13
20	Disentangling the intragroup HI in Compact Groups of galaxies by means of X3D visualization. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 241-243.	0.0	0
21	THE PROPERTIES OF THE CIRCUMGALACTIC MEDIUM IN RED AND BLUE GALAXIES: RESULTS FROM THE COS-GASS+COS-HALOS SURVEYS. <i>Astrophysical Journal</i> , 2016, 833, 259.	1.6	60
22	The morphology and kinematics of neutral hydrogen in the vicinity of $z = 0$ galaxies with Milky Way masses – a study with the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3751-3764.	1.6	12
23	THE IMPLICATIONS OF EXTREME OUTFLOWS FROM EXTREME STARBURSTS. <i>Astrophysical Journal</i> , 2016, 822, 9.	1.6	79
24	ADVANCED DATA VISUALIZATION IN ASTROPHYSICS: THE X3D PATHWAY. <i>Astrophysical Journal</i> , 2016, 818, 115.	1.6	18
25	CONNECTION BETWEEN THE CIRCUMGALACTIC MEDIUM AND THE INTERSTELLAR MEDIUM OF GALAXIES: RESULTS FROM THE COS-GASS SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 46.	1.6	90
26	INDIRECT EVIDENCE FOR ESCAPING IONIZING PHOTONS IN LOCAL LYMAN BREAK GALAXY ANALOGS. <i>Astrophysical Journal</i> , 2015, 810, 104.	1.6	77
27	DISTRIBUTION OF FAINT ATOMIC GAS IN HICKSON COMPACT GROUPS. <i>Astrophysical Journal</i> , 2015, 812, 78.	1.6	22
28	THE SYSTEMATIC PROPERTIES OF THE WARM PHASE OF STARBURST-DRIVEN GALACTIC WINDS. <i>Astrophysical Journal</i> , 2015, 809, 147.	1.6	246
29	Galaxy interactions in compact groups – II. Abundance and kinematic anomalies in HCG 91c. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2593-2614.	1.6	26
30	SMALL-SCALE PROPERTIES OF ATOMIC GAS IN EXTENDED DISKS OF GALAXIES. <i>Astrophysical Journal</i> , 2014, 795, 98.	1.6	19
31	A local clue to the reionization of the universe. <i>Science</i> , 2014, 346, 216-219.	6.0	153
32	THE IMPACT OF STARBURSTS ON THE CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2013, 768, 18.	1.6	75
33	EXTREME FEEDBACK AND THE EPOCH OF REIONIZATION: CLUES IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , 2011, 730, 5.	1.6	232
34	A GREEN BANK TELESCOPE SURVEY FOR H I 21 cm ABSORPTION IN THE DISKS AND HALOS OF LOW-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2011, 727, 52.	1.6	22
35	USING 21 cm ABSORPTION IN SMALL IMPACT PARAMETER GALAXY-QUASAR PAIRS TO PROBE LOW-REDSHIFT DAMPED AND SUB-DAMPED Ly α SYSTEMS. <i>Astrophysical Journal</i> , 2010, 713, 131-145.	1.6	34
36	DETECTION OF DIFFUSE NEUTRAL INTRAGROUP MEDIUM IN HICKSON COMPACT GROUPS. <i>Astrophysical Journal</i> , 2010, 710, 385-407.	1.6	65

#	ARTICLE	IF	CITATIONS
37	Galaxy evolution in Hickson compact groups: the role of ram-pressure stripping and strangulation. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1245-1264.	1.6	81