

# A characteristic scale for cold gas

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interaction of Cosmic Rays with Cold Clouds in Galactic Halos. Monthly Notices of the Royal Astronomical Society, 0, , stx109.	1.6	31
2	COS-Weak: probing the CGM using analogues of weak Mg ii absorbers at $z \approx 0.3$ . Monthly Notices of the Royal Astronomical Society, 2018, 476, 4965-4986.	1.6	27
3	The Effects of Ram Pressure on the Cold Clouds in the Centers of Galaxy Clusters. Astrophysical Journal, 2018, 854, 91.	1.6	13
4	Andromeda's Parachute: A Bright Quadruply Lensed Quasar at $z = 2.377$ . Astrophysical Journal, 2018, 859, 146.	1.6	32
5	Galaxies Probing Galaxies in PRIMUS. II. The Coherence Scale of the Cool Circumgalactic Medium. Astrophysical Journal, 2018, 868, 142.	1.6	24
6	The Imprint of Cosmic Ray Driven Outflows on Lyman- $\alpha$ Spectra. Astrophysical Journal Letters, 2018, 862, L7.	3.0	12
7	A Review of the Theory of Galactic Winds Driven by Stellar Feedback. Galaxies, 2018, 6, 114.	1.1	63
8	The growth and entrainment of cold gas in a hot wind. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 480, L111-L115.	1.2	177
9	The gaseous environments of quasars: associate absorption lines with density and distance constraints. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3865-3886.	1.6	9
10	Spatially resolved metal gas clouds. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L50-L54.	1.2	21
11	Challenges and Techniques for Simulating Line Emission. Galaxies, 2018, 6, 100.	1.1	16
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14	Introducing CGOLS: The Cholla Galactic Outflow Simulation Suite. Astrophysical Journal, 2018, 860, 135.	1.6	33
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16	The impact of magnetic fields on thermal instability. Monthly Notices of the Royal Astronomical Society, 2018, 476, 852-867.	1.6	56
17	Keck/Palomar Cosmic Web Imagers Reveal an Enormous Ly $\alpha$ Nebula in an Extremely Overdense Quasi-stellar Object Pair Field at $z = 2.45$ . Astrophysical Journal Letters, 2018, 861, L3.	3.0	41
18	Observing the circumgalactic medium of simulated galaxies through synthetic absorption spectra. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1822-1835.	1.6	17

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19	The growth of black holes from Population III remnants in the Renaissance simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3762-3773.	1.6	62
20	Unlocking the Full Potential of Extragalactic Ly $\alpha$ through Its Polarization Properties. Astrophysical Journal, 2018, 856, 156.	1.6	19
21	Shattering of Cosmic Sheets due to Thermal Instabilities: A Formation Channel for Metal-free Lyman Limit Systems. Astrophysical Journal Letters, 2019, 881, L20.	3.0	22
22	Survival of molecular gas in a stellar feedback-driven outflow witnessed with the MUSE TIMER project and ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3904-3928.	1.6	15
23	Simulations of radiative turbulent mixing layers. Monthly Notices of the Royal Astronomical Society, 2019, 487, 737-754.	1.6	53
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25	Ultra-diffuse galaxies without dark matter. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L24-L28.	1.2	37
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28	Ambient Column Densities of Highly Ionized Oxygen in Precipitation-limited Circumgalactic Media. Astrophysical Journal, 2019, 880, 139.	1.6	40
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38	Exploring the physical properties of the cool circumgalactic medium with a semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2019, 486, 608-622.	1.6	17
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46	Radio wave scattering by circumgalactic cool gas clumps. Monthly Notices of the Royal Astronomical Society, 2019, 483, 971-984.	1.6	23
47	The physics of multiphase gas flows: fragmentation of a radiatively cooling gas cloud in a hot wind. Monthly Notices of the Royal Astronomical Society, 2019, 482, 5401-5421.	1.6	69
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52	Dense gas formation and destruction in a simulated Perseus-like galaxy cluster with spin-driven black hole feedback. Astronomy and Astrophysics, 2019, 631, A60.	2.1	33
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56	Physical conditions in high-z optically thin C <sup>iii</sup> absorbers: origin of cloud sizes and associated correlations. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5028-5048.	1.6	2
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60	Resolving small-scale cold circumgalactic gas in TNG50. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2391-2414.	1.6	100
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84	Shatter or not: role of temperature and metallicity in the evolution of thermal instability. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4935-4952.	1.6	20
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87	It's Clouds' Illusions I Recall: Mixing Drives the Acceleration of Clouds from Ram Pressure Stripped Galaxies. Astrophysical Journal, 2021, 911, 68.	1.6	26
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110	The CGM at Cosmic Noon with KCWI: Outflows from a Star-forming Galaxy at z=2.071. <i>Astrophysical Journal</i> , 2020, 904, 164.	1.6	13
111	The Picture of BLR in 2.5D FRADO: Dynamics and Geometry. <i>Astrophysical Journal</i> , 2021, 920, 30.	1.6	17
112	A search for dust and molecular gas in enormous Ly $\alpha$ nebulae at z $\sim$ 2. <i>Astronomy and Astrophysics</i> , 2021, 645, L3.	2.1	10
113	Physical conditions and redshift evolution of optically thin C $\alpha$ absorbers: low-z sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5424-5442.	1.6	2
114	Survival and mass growth of cold gas in a turbulent, multiphase medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 859-876.	1.6	43
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120	A Simple Model for Mixing and Cooling in Cloud-Wind Interactions. <i>Astrophysical Journal</i> , 2022, 925, 199.	1.6	18
121	The H $\alpha$ Column Density Distribution of the Galactic Disk and Halo. <i>Astrophysical Journal</i> , 2021, 923, 50.	1.6	10
122	Cold and hot gas distribution around the Milky-Way $\alpha$ M31 system in the HESTIA simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3717-3737.	1.6	9
123	A Systematic Study of the Escape of LyC and Ly $\alpha$ Photons from Star-forming, Magnetized Turbulent Clouds. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 21.	3.0	13
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125	A Giant Shell of Ionized Gas Discovered near M82 with the Dragonfly Spectral Line Mapper Pathfinder. <i>Astrophysical Journal</i> , 2022, 927, 136.	1.6	2
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127	Cooling flows around cold clouds in the circumgalactic medium: steady-state models and comparison with TNG50. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3561-3574.	1.6	8
128	Thermal Instabilities and Shattering in the High-redshift WHIM: Convergence Criteria and Implications for Low-metallicity Strong H I Absorbers. <i>Astrophysical Journal</i> , 2021, 923, 115.	1.6	16
129	The cosmic-ray staircase: the outcome of the cosmic-ray acoustic instability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4464-4493.	1.6	11
130	A Multiwavelength Study of ELAN Environments (AMUSE <sup>2</sup> ). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive $z \approx 3$ Quasar Host Halo. <i>Astrophysical Journal</i> , 2022, 930, 72.	1.6	8
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144	Modelling multiphase gases in cosmological simulations using compressible multifluid hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 3011-3026.	1.6	8

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147	Quenching in cosmic sheets: tracing the impact of large-scale structure collapse on the evolution of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2692-2708.	1.6	8
148	[Câ€™%<scp>i</scp>] Haloes in ALPINE galaxies: smoking-gun of galactic outflows?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 4608-4621.	1.6	4
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