Todd M Tripp

List of Publications by Year
in descending order

66 papers	5,014 citations	117625 34 h-index	114465 63 g-index
66 all docs	66 docs citations	66 times ranked	2239 citing authors

#	Article	IF	Citations
1	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. Astrophysical Journal, 2014, 792, 8.	4.5	464
2	THE COS-HALOS SURVEY: RATIONALE, DESIGN, AND A CENSUS OF CIRCUMGALACTIC NEUTRAL HYDROGEN. Astrophysical Journal, 2013, 777, 59.	4.5	285
3	THE COS-HALOS SURVEY: AN EMPIRICAL DESCRIPTION OF METAL-LINE ABSORPTION IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. Astrophysical Journal, Supplement Series, 2013, 204, 17.	7.7	273
4	A Highâ€Resolution Survey of Lowâ€Redshift QSO Absorption Lines: Statistics and Physical Conditions of O<scp>vi</scp>Absorbers. Astrophysical Journal, Supplement Series, 2008, 177, 39-102.	7.7	232
5	Intervening O [CLC][CSC]vi[/CSC][/CLC] Quasar Absorption Systems at Low Redshift: A Significant Baryon Reservoir. Astrophysical Journal, 2000, 534, L1-L5.	4.5	227
6	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium^{âˆ—}. Astrophysical Journal, 2017, 837, 169.	4.5	203
7	THE COS-DWARFS SURVEY: THE CARBON RESERVOIR AROUND SUB-L* GALAXIES. Astrophysical Journal, 2014, 796, 136.	4.5	196
8	The Distribution of Thermal Pressures in the Interstellar Medium from a Survey of C i Fineâ€Structure Excitation. Astrophysical Journal, Supplement Series, 2001, 137, 297-340.	7.7	186
9	Multiphase Highâ€Velocity Clouds toward HE 0226â’4110 and PG 0953+414. Astrophysical Journal, 2005, 630, 332-354.	4.5	153
10	THE DISTRIBUTION OF THERMAL PRESSURES IN THE DIFFUSE, COLD NEUTRAL MEDIUM OF OUR GALAXY. II. AN EXPANDED SURVEY OF INTERSTELLAR C I FINE-STRUCTURE EXCITATIONS. Astrophysical Journal, 2011, 734, 65.	4.5	150
11	THE COS-HALOS SURVEY: ORIGINS OF THE HIGHLY IONIZED CIRCUMGALACTIC MEDIUM OF STAR-FORMING GALAXIES. Astrophysical Journal, 2016, 833, 54.	4.5	141
12	The Hidden Mass and Large Spatial Extent of a Post-Starburst Galaxy Outflow. Science, 2011, 334, 952-955.	12.6	136
13	NOT DEAD YET: COOL CIRCUMGALACTIC GAS IN THE HALOS OF EARLY-TYPE GALAXIES. Astrophysical Journal Letters, 2012, 758, L41.	8.3	128
14	The Diversity of Highâ€•and Intermediateâ€Velocity Clouds: Complex C versus IV Arch. Astrophysical Journal, 2001, 559, 318-325.	4.5	126
15	Complex C: A Low-Metallicity, High-Velocity Cloud Plunging into the Milky Way. Astronomical Journal, 2003, 125, 3122-3144.	4.7	124
16	Highly Ionized Gas Surrounding Highâ€Velocity Cloud Complex C. Astrophysical Journal, 2004, 602, 738-759.	4.5	115
17	Physical Properties and Baryonic Content of Lowâ€Redshift Intergalactic LyÎ± and O vi Absorption Line Systems: The PG 1116+215 Sight Line. Astrophysical Journal, Supplement Series, 2004, 155, 351-393.	7.7	106
18	TheFar Ultraviolet Spectroscopic ExplorerSurvey of O<scp>vi</scp>Absorption in the Disk of the Milky Way. Astrophysical Journal, Supplement Series, 2008, 176, 59-163.	7.7	106

#	Article	IF	Citations
19	Oviand Multicomponent HiAbsorption Associated with a Galaxy Group in the Direction of PG 0953+415: Physical Conditions and Baryonic Content. Astrophysical Journal, 2000, 542, 42-56.	4.5	101
20	EVIDENCE FOR COLD ACCRETION: PRIMITIVE GAS FLOWING ONTO A GALAXY ATzâ¼ 0.274. Astrophysical Journal, 2011, 743, 207.	4.5	98
21	The Ionization and Metallicity of the Intervening OviAbsorber atzâ€‰=â€‰0.1212 in the Spectrum of H1821+643. Astrophysical Journal, 2001, 563, 724-735.	4.5	94
22	Detection of Neviiiin the Lowâ€Redshift Warmâ€Hot Intergalactic Medium. Astrophysical Journal, 2005, 626, 776-794.	4.5	90
23	FUSE and STIS Observations of the Warmâ€hot Intergalactic Medium toward PG 1259+593. Astrophysical Journal, Supplement Series, 2004, 153, 165-204.	7.7	88
24	THE COS-HALOS SURVEY: KECK LRIS AND MAGELLAN MagE OPTICAL SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2012, 198, 3.	7.7	80
25	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW REDSHIFT C iv ABSORBERS. III. THE MASS- AND ENVIRONMENT-DEPENDENT CIRCUMGALACTIC MEDIUM. Astrophysical Journal, 2016, 832, 124.	4.5	79
26	The Statistical and Physical Properties of the Lowâ€Redshift LyÎ± Forest Observed with theHubble Space Telescope/STIS. Astrophysical Journal, 2001, 553, 528-537.	4.5	76
27	Discovery of a Primitive Damped LyÎ± Absorber near an Xâ€Rayâ€“bright Galaxy Group in the Virgo Cluster. Astrophysical Journal, 2005, 619, 714-732.	4.5	69
28	Damped [CLC]LyÎ±[/CLC] Absorption from a Nearby Low Surface Brightness Galaxy. Astronomical Journal, 2001, 121, 1456-1460.	4.7	60
29	Highâ€Resolution Ultraviolet Observations of the Highly Ionized Interstellar Gas toward Radio Loops I and IV. Astrophysical Journal, 1997, 480, 216-234.	4.5	60
30	The COS Absorption Survey of Baryon Harbors (CASBaH): Warmâ€“Hot Circumgalactic Gas Reservoirs Traced by Ne viii Absorption. Astrophysical Journal Letters, 2019, 877, L20.	8.3	55
31	A Nearâ€Solar Metallicity, Nitrogenâ€deficient Lyman Limit Absorber Associated with Two S0 Galaxies. Astrophysical Journal, 2005, 623, 767-794.	4.5	54
32	A Comparison of Absorptionâ€•and Emissionâ€Line Abundances in the Nearby Damped LyÎ± Galaxy SBS 1543+593. Astrophysical Journal, 2005, 635, 880-893.	4.5	46
33	THE STRUCTURE OF THE CIRCUMGALACTIC MEDIUM OF GALAXIES: COOL ACCRETION INFLOW AROUND NGC 1097*. Astrophysical Journal, 2016, 826, 50.	4.5	46
34	Warm-hot gas in X-ray bright galaxy clusters and the Hâ€‰i-deficient circumgalactic medium in dense environments. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2067-2085.	4.4	36
35	The O vi Absorbers toward PG 0953+415: High-Metallicity, Cosmic-Web Gas Far from Luminous Galaxies. Astrophysical Journal, 2006, 643, L77-L82.	4.5	35
36	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C iv ABSORBERS. II. PROGRAM DESIGN, ABSORPTION-LINE MEASUREMENTS, AND ABSORBER STATISTICS. Astrophysical Journal, 2015, 815, 91.	4.5	34

#	Article	IF	Citations
37	Ultraviolet Absorption Lines from High-Velocity Gas in the Vela Supernova Remnant: New Insights from Space Telescope Imaging Spectrograph Echelle Observations of HD 72089. Astrophysical Journal, 1998, 492, L147-L150.	4.5	31
38	THE HIGH-ION CONTENT AND KINEMATICS OF LOW-REDSHIFT LYMAN LIMIT SYSTEMS. Astrophysical Journal, 2013, 778, 187.	4.5	30
39	The power spectrum of the Lyman-Î± Forest at z < 0.5. Monthly Notices of the Royal Astronomical Society, 2019, 486, 769-782.	4.4	30
40	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4573-4599.	4.4	30
41	CGM² I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. Astrophysical Journal, 2021, 912, 9.	4.5	29
42	The COS Absorption Survey of Baryon Harbors: unveiling the physical conditions of circumgalactic gas through multiphase Bayesian ionization modelling. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4993-5037.	4.4	29
43	Spectral energy distributions of the brightest Palomar-Green quasars at intermediate redshifts. Astrophysical Journal, 1994, 433, 533.	4.5	26
44	Revealing the Dark Threads of the Cosmic Web. Astrophysical Journal Letters, 2020, 891, L35.	8.3	25
45	A GREEN BANK TELESCOPE SURVEY FOR H I 21 cm ABSORPTION IN THE DISKS AND HALOS OF LOW-REDSHIFT GALAXIES. Astrophysical Journal, 2011, 727, 52.	4.5	22
46	The COS Absorption Survey of Baryon Harbors: The Galaxy Database and Cross-correlation Analysis of O vi Systems^{âˆ—}. Astrophysical Journal, Supplement Series, 2019, 243, 24.	7.7	22
47	A census of quasar-intrinsic absorption in the Hubble Space Telescope archive: systems from high-resolution echelle spectraâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1233-1264.	4.4	21
48	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C IV ABSORBERS: A CASE WITH COLD-ACCRETION CHARACTERISTICS. Astrophysical Journal Letters, 2013, 779, L17.	8.3	19
49	SMALL-SCALE PROPERTIES OF ATOMIC GAS IN EXTENDED DISKS OF GALAXIES. Astrophysical Journal, 2014, 795, 98.	4.5	19
50	On the CGM Fundamental Plane: The Halo Mass Dependency of Circumgalactic H i. Astrophysical Journal, 2018, 864, 132.	4.5	19
51	THE 21 cm â€œOUTER ARMâ€•AND THE OUTER-GALAXY HIGH-VELOCITY CLOUDS: CONNECTED BY KINEMATICS, METALLICITY, AND DISTANCE. Astrophysical Journal, 2012, 746, 173.	4.5	18
52	Discovery of a transparent sightline at Ï•â‰² 20â€‰kpc from an interacting pair of galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3039-3048.	4.4	17
53	On the emergence of thousands of absorption lines in the quasar PG 1411+442: a clumpy high-column density outflow from the broad emission-line region?. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5041-5061.	4.4	15
54	The CGM² Survey: Circumgalactic O vi from Dwarf to Massive Star-forming Galaxies. Astrophysical Journal, 2022, 927, 147.	4.5	11

#	Article	IF	Citations
55	The connections between QSO absorption systems and galaxies: low-redshift observations. Proceedings of the International Astronomical Union, 2005, 1, 5-23.	0.0	10
56	The Nearby Damped LyÎ± Absorber SBS 1543+593: A Large HiEnvelope in a Gas-rich Galaxy Group. Astronomical Journal, 2006, 132, 478-488.	4.7	9
57	A Sub-damped LyÎ± Absorber with Unusual Abundances: Evidence of Gas Recycling in a Low-redshift Galaxy Group. Astrophysical Journal, 2019, 872, 129.	4.5	7
58	The high-velocity clouds above the disc of the outer Milky Way: misty precipitating gas in a region roiled by stellar streams. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1714-1749.	4.4	7
59	Galactic Winds across the Gas-rich Merger Sequence. I. Highly Ionized N v and O vi Outflows in the QUEST Quasars*. Astrophysical Journal, 2022, 926, 60.	4.5	7
60	Probing the dynamical state, baryon content, and multiphase nature of galaxy clusters with bright background QSOs. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4111-4122.	4.4	5
61	Thermal Pressures in the Interstellar Medium away from Stellar Environments*. Astrophysical Journal, 2021, 916, 17.	4.5	2
62	The Synergy of Ultraviolet QSO Absorption Spectroscopy and 21 cm Emission Studies. AIP Conference Proceedings, 2008, , .	0.4	1
63	Absorption-line Abundances in the SMC-like Galaxy UGC 5282: Evidence of ISM Dilution from Inflows on Kiloparsec Scales*. Astrophysical Journal, 2020, 893, 84.	4.5	1
64	New results on the distribution of thermal pressures in the diffuse ISM. Proceedings of the International Astronomical Union, 2006, 2, 53-56.	0.0	0
65	The Chemical Enrichment of the Diffuse Gas in the Outer Galaxy and the Abundance Gradient of the Milky Way. Proceedings of the International Astronomical Union, 2007, 3, 381-382.	0.0	0
66	Recent developments in next-generation UV-visible space telescope planning and design. , 2017, , .		0