

# Todd M Tripp

## List of Publications by Year in descending order

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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 high-velocity clouds above the disc of the outer Milky Way: misty precipitating gas in a region roiled by stellar streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1714-1749.	4.4	7
2	Galactic Winds across the Gas-rich Merger Sequence. I. Highly Ionized N v and O vi Outflows in the QUEST Quasars*. <i>Astrophysical Journal</i> , 2022, 926, 60.	4.5	7
3	The CGM <sup>2</sup> Survey: Circumgalactic O vi from Dwarf to Massive Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 147.	4.5	11
4	CGM <sup>2</sup> I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. <i>Astrophysical Journal</i> , 2021, 912, 9.	4.5	29
5	Thermal Pressures in the Interstellar Medium away from Stellar Environments*. <i>Astrophysical Journal</i> , 2021, 916, 17.	4.5	2
6	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4573-4599.	4.4	30
7	The COS Absorption Survey of Baryon Harbors: unveiling the physical conditions of circumgalactic gas through multiphase Bayesian ionization modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4993-5037.	4.4	29
8	Revealing the Dark Threads of the Cosmic Web. <i>Astrophysical Journal Letters</i> , 2020, 891, L35.	8.3	25
9	Absorption-line Abundances in the SMC-like Galaxy UGC 5282: Evidence of ISM Dilution from Inflows on Kiloparsec Scales*. <i>Astrophysical Journal</i> , 2020, 893, 84.	4.5	1
10	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?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5041-5061.	4.4	15
11	The COS Absorption Survey of Baryon Harbors (CASBaH): Warm "Hot Circumgalactic Gas Reservoirs Traced by Ne VIII Absorption. <i>Astrophysical Journal Letters</i> , 2019, 877, L20.	8.3	55
12	The COS Absorption Survey of Baryon Harbors: The Galaxy Database and Cross-correlation Analysis of O vi Systems <sup>+</sup> . <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 24.	7.7	22
13	A Sub-damped Ly $\alpha$ Absorber with Unusual Abundances: Evidence of Gas Recycling in a Low-redshift Galaxy Group. <i>Astrophysical Journal</i> , 2019, 872, 129.	4.5	7
14	The power spectrum of the Lyman- $\alpha$ Forest at $z \approx 0.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 769-782.	4.4	30
15	On the CGM Fundamental Plane: The Halo Mass Dependency of Circumgalactic H I. <i>Astrophysical Journal</i> , 2018, 864, 132.	4.5	19
16	Probing the dynamical state, baryon content, and multiphase nature of galaxy clusters with bright background QSOs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4111-4122.	4.4	5
17	Warm-hot gas in X-ray bright galaxy clusters and the $\alpha$ -deficient circumgalactic medium in dense environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2067-2085.	4.4	36
18	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium <sup>+</sup> . <i>Astrophysical Journal</i> , 2017, 837, 169.	4.5	203

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19	Recent developments in next-generation UV-visible space telescope planning and design. , 2017, , .		0
20	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW REDSHIFT C iv ABSORBERS. III. THE MASS- AND ENVIRONMENT-DEPENDENT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2016, 832, 124.	4.5	79
21	THE COS-HALOS SURVEY: ORIGINS OF THE HIGHLY IONIZED CIRCUMGALACTIC MEDIUM OF STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 54.	4.5	141
22	THE STRUCTURE OF THE CIRCUMGALACTIC MEDIUM OF GALAXIES: COOL ACCRETION INFLOW AROUND NGC 1097*. <i>Astrophysical Journal</i> , 2016, 826, 50.	4.5	46
23	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C iv ABSORBERS. II. PROGRAM DESIGN, ABSORPTION-LINE MEASUREMENTS, AND ABSORBER STATISTICS. <i>Astrophysical Journal</i> , 2015, 815, 91.	4.5	34
24	SMALL-SCALE PROPERTIES OF ATOMIC GAS IN EXTENDED DISKS OF GALAXIES. <i>Astrophysical Journal</i> , 2014, 795, 98.	4.5	19
25	Discovery of a transparent sightline at $\sim 20 \text{ kpc}$ from an interacting pair of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3039-3048.	4.4	17
26	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 8.	4.5	464
27	THE COS-DWARFS SURVEY: THE CARBON RESERVOIR AROUND SUB- $L^*$ GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 136.	4.5	196
28	THE COS-HALOS SURVEY: RATIONALE, DESIGN, AND A CENSUS OF CIRCUMGALACTIC NEUTRAL HYDROGEN. <i>Astrophysical Journal</i> , 2013, 777, 59.	4.5	285
29	A census of quasar-intrinsic absorption in the Hubble Space Telescope archive: systems from high-resolution echelle spectra.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1233-1264.	4.4	21
30	THE COS-HALOS SURVEY: AN EMPIRICAL DESCRIPTION OF METAL-LINE ABSORPTION IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 17.	7.7	273
31	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C IV ABSORBERS: A CASE WITH COLD-ACCRETION CHARACTERISTICS. <i>Astrophysical Journal Letters</i> , 2013, 779, L17.	8.3	19
32	THE HIGH-ION CONTENT AND KINEMATICS OF LOW-REDSHIFT LYMAN LIMIT SYSTEMS. <i>Astrophysical Journal</i> , 2013, 778, 187.	4.5	30
33	THE COS-HALOS SURVEY: KECK LRIS AND MAGELLAN MagE OPTICAL SPECTROSCOPY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 3.	7.7	80
34	NOT DEAD YET: COOL CIRCUMGALACTIC GAS IN THE HALOS OF EARLY-TYPE GALAXIES. <i>Astrophysical Journal Letters</i> , 2012, 758, L41.	8.3	128
35	THE 21 cm OUTER ARM AND THE OUTER-GALAXY HIGH-VELOCITY CLOUDS: CONNECTED BY KINEMATICS, METALLICITY, AND DISTANCE. <i>Astrophysical Journal</i> , 2012, 746, 173.	4.5	18
36	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.	4.5	22

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37	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. <i>Astrophysical Journal</i> , 2011, 734, 65.	4.5	150
38	EVIDENCE FOR COLD ACCRETION: PRIMITIVE GAS FLOWING ONTO A GALAXY AT $z \approx 0.274$ . <i>Astrophysical Journal</i> , 2011, 743, 207.	4.5	98
39	The Hidden Mass and Large Spatial Extent of a Post-Starburst Galaxy Outflow. <i>Science</i> , 2011, 334, 952-955.	12.6	136
40	The Synergy of Ultraviolet QSO Absorption Spectroscopy and 21 cm Emission Studies. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
41	A High-Resolution Survey of Low-Redshift QSO Absorption Lines: Statistics and Physical Conditions of O <sup>VI</sup> Absorbers. <i>Astrophysical Journal, Supplement Series</i> , 2008, 177, 39-102.	7.7	232
42	The Far Ultraviolet Spectroscopic Explorer Survey of O <sup>VI</sup> Absorption in the Disk of the Milky Way. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 59-163.	7.7	106
43	The Chemical Enrichment of the Diffuse Gas in the Outer Galaxy and the Abundance Gradient of the Milky Way. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 381-382.	0.0	0
44	New results on the distribution of thermal pressures in the diffuse ISM. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 53-56.	0.0	0
45	The Nearby Damped Ly $\alpha$ Absorber SBS 1543+593: A Large Hi Envelope in a Gas-rich Galaxy Group. <i>Astronomical Journal</i> , 2006, 132, 478-488.	4.7	9
46	The O VI Absorbers toward PG 0953+415: High-Metallicity, Cosmic-Web Gas Far from Luminous Galaxies. <i>Astrophysical Journal</i> , 2006, 643, L77-L82.	4.5	35
47	A Near-Solar Metallicity, Nitrogen-deficient Lyman Limit Absorber Associated with Two S0 Galaxies. <i>Astrophysical Journal</i> , 2005, 623, 767-794.	4.5	54
48	Multiphase High-Velocity Clouds toward HE 0226 $\alpha$ 4110 and PG 0953+414. <i>Astrophysical Journal</i> , 2005, 630, 332-354.	4.5	153
49	A Comparison of Absorption and Emission Line Abundances in the Nearby Damped Ly $\alpha$ Galaxy SBS 1543+593. <i>Astrophysical Journal</i> , 2005, 635, 880-893.	4.5	46
50	Detection of Ne VIII in the Low-Redshift Warm-Hot Intergalactic Medium. <i>Astrophysical Journal</i> , 2005, 626, 776-794.	4.5	90
51	The connections between QSO absorption systems and galaxies: low-redshift observations. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 5-23.	0.0	10
52	Discovery of a Primitive Damped Ly $\alpha$ Absorber near an X-ray-bright Galaxy Group in the Virgo Cluster. <i>Astrophysical Journal</i> , 2005, 619, 714-732.	4.5	69
53	FUSE and STIS Observations of the Warm-Hot Intergalactic Medium toward PG 1259+593. <i>Astrophysical Journal, Supplement Series</i> , 2004, 153, 165-204.	7.7	88
54	Highly Ionized Gas Surrounding High-Velocity Cloud Complex C. <i>Astrophysical Journal</i> , 2004, 602, 738-759.	4.5	115

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55	Physical Properties and Baryonic Content of Low-Redshift Intergalactic Ly $\alpha$ and O vi Absorption Line Systems: The PG 1116+215 Sight Line. <i>Astrophysical Journal, Supplement Series</i> , 2004, 155, 351-393.	7.7	106
56	Complex C: A Low-Metallicity, High-Velocity Cloud Plunging into the Milky Way. <i>Astronomical Journal</i> , 2003, 125, 3122-3144.	4.7	124
57	The Ionization and Metallicity of the Intervening Ovi Absorber at $z=0.1212$ in the Spectrum of H1821+643. <i>Astrophysical Journal</i> , 2001, 563, 724-735.	4.5	94
58	Damped [CLC]Ly $\alpha$ Absorption from a Nearby Low Surface Brightness Galaxy. <i>Astronomical Journal</i> , 2001, 121, 1456-1460.	4.7	60
59	The Statistical and Physical Properties of the Low-Redshift Ly $\alpha$ Forest Observed with the Hubble Space Telescope/STIS. <i>Astrophysical Journal</i> , 2001, 553, 528-537.	4.5	76
60	The Diversity of High- and Intermediate-Velocity Clouds: Complex C versus IV Arch. <i>Astrophysical Journal</i> , 2001, 559, 318-325.	4.5	126
61	The Distribution of Thermal Pressures in the Interstellar Medium from a Survey of C i Fine-Structure Excitation. <i>Astrophysical Journal, Supplement Series</i> , 2001, 137, 297-340.	7.7	186
62	Intervening O [CLC][CSC]vi[/CSC]/[CLC] Quasar Absorption Systems at Low Redshift: A Significant Baryon Reservoir. <i>Astrophysical Journal</i> , 2000, 534, L1-L5.	4.5	227
63	Ovi and Multicomponent H $\alpha$ Absorption Associated with a Galaxy Group in the Direction of PG 0953+415: Physical Conditions and Baryonic Content. <i>Astrophysical Journal</i> , 2000, 542, 42-56.	4.5	101
64	Ultraviolet Absorption Lines from High-Velocity Gas in the Vela Supernova Remnant: New Insights from Space Telescope Imaging Spectrograph Echelle Observations of HD 72089. <i>Astrophysical Journal</i> , 1998, 492, L147-L150.	4.5	31
65	High-Resolution Ultraviolet Observations of the Highly Ionized Interstellar Gas toward Radio Loops I and IV. <i>Astrophysical Journal</i> , 1997, 480, 216-234.	4.5	60
66	Spectral energy distributions of the brightest Palomar-Green quasars at intermediate redshifts. <i>Astrophysical Journal</i> , 1994, 433, 533.	4.5	26