

Edward B Jenkins

List of Publications by Year in descending order

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208
papers

12,147
citations

15466

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29081

104
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211
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211
times ranked

4491
citing authors

#	ARTICLE	IF	CITATIONS
1	A UNIFIED REPRESENTATION OF GAS-PHASE ELEMENT DEPLETIONS IN THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2009, 700, 1299-1348.	1.6	658
2	Overview of the [ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Mission. <i>Astrophysical Journal</i> , 2000, 538, L1-L6.	1.6	571
3	Highly Ionized High-velocity Gas in the Vicinity of the Galaxy. <i>Astrophysical Journal, Supplement Series</i> , 2003, 146, 165-208.	3.0	387
4	The Space Telescope Imaging Spectrograph Design. <i>Publications of the Astronomical Society of the Pacific</i> , 1998, 110, 1183-1204.	1.0	303
5	A Far Ultraviolet Spectroscopic Explorer Survey of Interstellar Molecular Hydrogen in Translucent Clouds. <i>Astrophysical Journal</i> , 2002, 577, 221-244.	1.6	267
6	Ultraviolet Studies of the Interstellar Gas. <i>Annual Review of Astronomy and Astrophysics</i> , 1975, 13, 133-164.	8.1	249
7	What Is the Total Deuterium Abundance in the Local Galactic Disk?. <i>Astrophysical Journal</i> , 2006, 647, 1106-1124.	1.6	246
8	A High-resolution Survey of Low-redshift QSO Absorption Lines: Statistics and Physical Conditions of O λ 777 Absorbers. <i>Astrophysical Journal, Supplement Series</i> , 2008, 177, 39-102.	3.0	232
9	Intervening O λ 777 Quasar Absorption Systems at Low Redshift: A Significant Baryon Reservoir. <i>Astrophysical Journal</i> , 2000, 534, L1-L5.	1.6	227
10	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.	3.0	186
11	Distribution and Kinematics of O λ 777 in the Galactic Halo. <i>Astrophysical Journal, Supplement Series</i> , 2003, 146, 125-164.	3.0	179
12	Average extinction curves and relative abundances for quasi-stellar object absorption-line systems at $1 < z < 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 945-978.	1.6	179
13	A Far Ultraviolet Spectroscopic Explorer Survey of Interstellar Molecular Hydrogen in the Small and Large Magellanic Clouds. <i>Astrophysical Journal</i> , 2002, 566, 857-879.	1.6	177
14	The Far Ultraviolet Spectroscopic Explorer Survey of O λ 777 Absorption in and near the Galaxy. <i>Astrophysical Journal, Supplement Series</i> , 2003, 146, 1-123.	3.0	168
15	MOLECULAR HYDROGEN IN THE FAR ULTRAVIOLET SPECTROSCOPIC EXPLORER TRANSLUCENT LINES OF SIGHT: THE FULL SAMPLE. <i>Astrophysical Journal, Supplement Series</i> , 2009, 180, 125-137.	3.0	168
16	Coronal gas in the Galaxy. I - A new survey of interstellar O VI. <i>Astrophysical Journal</i> , 1978, 219, 845.	1.6	151
17	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.	1.6	150
18	The Disk and Environment of the Herbig B[e] Star HD 100546. <i>Astronomical Journal</i> , 2001, 122, 3396-3406.	1.9	145

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19	Abundances of Deuterium, Nitrogen, and Oxygen in the Local Interstellar Medium: Overview of First Results from the FUSE Mission. <i>Astrophysical Journal, Supplement Series</i> , 2002, 140, 3-17.	3.0	141
20	The Hidden Mass and Large Spatial Extent of a Post-Starburst Galaxy Outflow. <i>Science</i> , 2011, 334, 952-955.	6.0	136
21	Abundances of interstellar atoms from ultraviolet absorption lines. <i>Astrophysical Journal</i> , 1986, 301, 355.	1.6	134
22	The Diversity of High- and Intermediate-Velocity Clouds: Complex C versus IV Arch. <i>Astrophysical Journal</i> , 2001, 559, 318-325.	1.6	126
23	Complex C: A Low-Metallicity, High-Velocity Cloud Plunging into the Milky Way. <i>Astronomical Journal</i> , 2003, 125, 3122-3144.	1.9	124
24	Two-dimensional spectrophotometry of the cores of X-ray luminous clusters. <i>Astrophysical Journal</i> , 1983, 272, 29.	1.6	124
25	STIS Observations of He I λ 6676 Absorption toward Q0302+003. <i>Astrophysical Journal</i> , 2000, 534, 69-89.	1.6	122
26	Spectrophotometric Results from the Copernicus Satellite. IV. Molecular Hydrogen in Interstellar Space. <i>Astrophysical Journal</i> , 1973, 181, L116.	1.6	121
27	A survey with Copernicus of interstellar O VI absorption. <i>Astrophysical Journal</i> , 1974, 193, L121.	1.6	120
28	Coronal gas in the Galaxy. II - A statistical analysis of O VI absorptions. <i>Astrophysical Journal</i> , 1978, 220, 107.	1.6	116
29	MODELING DUST EVOLUTION IN GALAXIES WITH A MULTIPHASE, INHOMOGENEOUS ISM. <i>Astrophysical Journal</i> , 2016, 831, 147.	1.6	115
30	Resolving the Structure of Ionized Helium in the Intergalactic Medium with the Far Ultraviolet Spectroscopic Explorer. <i>Science</i> , 2001, 293, 1112-1116.	6.0	112
31	Interstellar Medium Absorption Profile Spectrograph Observations of Interstellar Neutral Argon and the Implications for Partially Ionized Gas. <i>Astrophysical Journal</i> , 1998, 499, 951-965.	1.6	109
32	A survey of interstellar C I - Insights on carbon abundances, UV grain albedos, and pressures in the interstellar medium. <i>Astrophysical Journal</i> , 1979, 231, 55.	1.6	109
33	Element Abundances in the Interstellar Atomic Material. <i>Astrophysics and Space Science Library</i> , 1987, , 533-559.	1.0	107
34	The Far Ultraviolet Spectroscopic Explorer Survey of O VI Absorption in the Disk of the Milky Way. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 59-163.	3.0	106
35	Spectrophotometric Results from the Copernicus Satellite. I. Instrumentation and Performance. <i>Astrophysical Journal</i> , 1973, 181, L97.	1.6	103
36	PROBING THE FERMI BUBBLES IN ULTRAVIOLET ABSORPTION: A SPECTROSCOPIC SIGNATURE OF THE MILKY WAY'S BICONICAL NUCLEAR OUTFLOW. <i>Astrophysical Journal Letters</i> , 2015, 799, L7.	3.0	100

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37	Copernicus observations of C I - Pressures and carbon abundances in diffuse interstellar clouds. <i>Astrophysical Journal</i> , 1983, 270, 88.	1.6	98
38	Ultraviolet photometry from the orbiting astronomical observatory. XIV. an extension of the survey of Lyman- α absorption from interstellar hydrogen.. <i>Astrophysical Journal</i> , 1974, 187, 243.	1.6	94
39	The Ionization of the Local Interstellar Medium as Revealed by [ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of N, O, and A[CLC]r[/CLC] toward White Dwarf Stars. <i>Astrophysical Journal</i> , 2000, 538, L81-L85.	1.6	92
40	Spectrophotometric Results from the Copernicus Satellite. II. Composition of Interstellar Clouds. <i>Astrophysical Journal</i> , 1973, 181, L103.	1.6	92
41	Revealing the Warm-Hot Intergalactic Medium with O [CSC]vi[/CSC] Absorption. <i>Astrophysical Journal</i> , 2001, 559, L5-L8.	1.6	91
42	Far Ultraviolet Spectroscopic Explorer Survey of the Local Interstellar Medium within 200 Parsecs. <i>Astrophysical Journal</i> , 2003, 595, 858-879.	1.6	89
43	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of Diffuse Interstellar Molecular Hydrogen. <i>Astrophysical Journal</i> , 2000, 538, L73-L76.	1.6	88
44	The Intrinsically X α Ray Weak Quasar PHL 1811. I. X α Ray Observations and Spectral Energy Distribution. <i>Astrophysical Journal</i> , 2007, 663, 103-117.	1.6	87
45	Spectrophotometric Results from the Copernicus Satellite. III. Ionization and Composition of the Intercloud Medium. <i>Astrophysical Journal</i> , 1973, 181, L110.	1.6	87
46	The Intrinsically X α Ray α Weak Quasar PHL 1811. II. Optical and UV Spectra and Analysis. <i>Astrophysical Journal</i> , Supplement Series, 2007, 173, 1-36.	3.0	86
47	The analysis of ensembles of moderately saturated interstellar lines. <i>Astrophysical Journal</i> , 1986, 304, 739.	1.6	85
48	Deuterium Abundance toward WD 2211 α 495: Results from the FUSE Mission. <i>Astrophysical Journal</i> , Supplement Series, 2002, 140, 103-114.	3.0	85
49	The abundance of CO in diffuse interstellar clouds - an ultraviolet survey. <i>Astrophysical Journal</i> , 1980, 242, 545.	1.6	84
50	Deuterium Abundance toward G191 α B2B: Results from the FUSE Mission. <i>Astrophysical Journal</i> , Supplement Series, 2002, 140, 67-80.	3.0	83
51	Spatial Variability in the Ratio of Interstellar Atomic Deuterium to Hydrogen. I. Observations toward $\hat{\nu}$ Orionis by the Interstellar Medium Absorption Profile Spectrograph. <i>Astrophysical Journal</i> , 1999, 520, 182-195.	1.6	81
52	A survey of ultraviolet interstellar absorption lines. <i>Astrophysical Journal</i> , Supplement Series, 1983, 51, 277.	3.0	81
53	A Procedure for Correcting the Apparent Optical Depths of Moderately Saturated Interstellar Absorption Lines. <i>Astrophysical Journal</i> , 1996, 471, 292-301.	1.6	78
54	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of O [CSC]vi[/CSC] Absorption in the Galactic Halo. <i>Astrophysical Journal</i> , 2000, 538, L27-L30.	1.6	77

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55	MAPPING THE NUCLEAR OUTFLOW OF THE MILKY WAY: STUDYING THE KINEMATICS AND SPATIAL EXTENT OF THE NORTHERN FERMI BUBBLE. <i>Astrophysical Journal</i> , 2017, 834, 191.	1.6	77
56	A Survey of Local Interstellar Hydrogen from OAO-2 Observations of Lyman Alpha Absorption.. <i>Astrophysical Journal</i> , 1972, 172, 491.	1.6	75
57	Hubble Space TelescopeSpace Telescope Imaging System Observations of the HeiiGunnâ€Peterson Effect toward HE 2347â~4342. <i>Astrophysical Journal</i> , 2002, 564, 542-558.	1.6	75
58	A Survey of OviAbsorption in the Local Interstellar Medium. <i>Astrophysical Journal</i> , 2005, 622, 377-389.	1.6	73
59	THE FIRST OBSERVATIONS OF LOW-REDSHIFT DAMPED LyÎ± SYSTEMS WITH THE COSMIC ORIGINS SPECTROGRAPH. <i>Astrophysical Journal</i> , 2011, 732, 35.	1.6	72
60	QSO ABSORPTION SYSTEMS DETECTED IN Ne VIII: HIGH-METALLICITY CLOUDS WITH A LARGE EFFECTIVE CROSS SECTION. <i>Astrophysical Journal</i> , 2013, 767, 49.	1.6	70
61	Spatial Variability in the Ratio of Interstellar Atomic Deuterium to Hydrogen. II. Observations toward Î³2Velorum and Î¶ Puppis by the Interstellar Medium Absorption Profile Spectrograph. <i>Astrophysical Journal</i> , 2000, 545, 277-289.	1.6	69
62	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of O [CSC]vi[/CSC] in High-Velocity Clouds. <i>Astrophysical Journal</i> , 2000, 538, L31-L34.	1.6	69
63	The Deuteriumâ€toâ€Hydrogen Ratio in a Lowâ€Metallicity Cloud Falling onto the Milky Way. <i>Astrophysical Journal</i> , Supplement Series, 2004, 150, 387-415.	3.0	69
64	Discovery of a Primitive Damped LyÎ± Absorber near an Xâ€Rayâ€bright Galaxy Group in the Virgo Cluster. <i>Astrophysical Journal</i> , 2005, 619, 714-732.	1.6	69
65	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of the Galactic and Intergalactic Medium toward H1821+643. <i>Astrophysical Journal</i> , 2000, 538, L23-L26.	1.6	68
66	Molecular Hydrogen in the Direction of Î¶ Orionis A. <i>Astrophysical Journal</i> , 1997, 477, 265-280.	1.6	65
67	Spectrophotometric Results from the Copernicus Satellite. V. Abundances of Molecules in Interstellar Clouds. <i>Astrophysical Journal</i> , 1973, 181, L122.	1.6	65
68	The Heavyâ€Element Enrichment of LyÎ± Clouds in the Virgo Supercluster. <i>Astrophysical Journal</i> , 2002, 575, 697-711.	1.6	63
69	Damped [CLC]LyÎ±[/CLC] Absorption from a Nearby Low Surface Brightness Galaxy. <i>Astronomical Journal</i> , 2001, 121, 1456-1460.	1.9	60
70	THE FIRST OBSERVATIONS OF LOW-REDSHIFT DAMPED LyÎ± SYSTEMS WITH THE COSMIC ORIGINS SPECTROGRAPH: CHEMICAL ABUNDANCES AND AFFILIATED GALAXIES. <i>Astrophysical Journal</i> , 2012, 744, 93.	1.6	57
71	Local clouds: Ionization, temperatures, electron densities and interfaces, from GHRS and IMAPS spectra of ϵ Canis Majoris. <i>Astronomy and Astrophysics</i> , 2001, 367, 617-628.	2.1	56
72	Lyman-alpha depression of the continuum from high-redshift quasars - A new technique applied in search of the Gunn-Peterson effect. <i>Astrophysical Journal</i> , 1991, 376, 33.	1.6	56

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73	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.	3.0	55
74	A Near-Solar Metallicity, Nitrogen-deficient Lyman Limit Absorber Associated with Two S0 Galaxies. <i>Astrophysical Journal</i> , 2005, 623, 767-794.	1.6	54
75	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of Molecular Hydrogen in Translucent Interstellar Clouds: The Line of Sight toward HD 73882. <i>Astrophysical Journal</i> , 2000, 538, L65-L68.	1.6	50
76	Deuterium abundances. <i>New Astronomy</i> , 1999, 4, 231-243.	0.8	49
77	Project AMIGA: The Circumgalactic Medium of Andromeda*. <i>Astrophysical Journal</i> , 2020, 900, 9.	1.6	48
78	Ultraviolet absorption lines associated with the VELA supernova remnant. <i>Astrophysical Journal, Supplement Series</i> , 1976, 32, 681.	3.0	47
79	A Comparison of Absorption and Emission Line Abundances in the Nearby Damped Ly α Galaxy SBS 1543+593. <i>Astrophysical Journal</i> , 2005, 635, 880-893.	1.6	46
80	THE STRUCTURE OF THE CIRCUMGALACTIC MEDIUM OF GALAXIES: COOL ACCRETION INFLOW AROUND NGC 1097*. <i>Astrophysical Journal</i> , 2016, 826, 50.	1.6	46
81	A catalog of 0.2 A resolution far-ultraviolet stellar spectra measured with Copernicus. <i>Astrophysical Journal, Supplement Series</i> , 1977, 33, 269.	3.0	45
82	Deuterium Abundance toward WD 1634+573: Results from the FUSE Mission. <i>Astrophysical Journal, Supplement Series</i> , 2002, 140, 91-102.	3.0	45
83	Interstellar Deuterium, Nitrogen, and Oxygen Abundances toward BD +28o4211: Results from the FUSE Mission. <i>Astrophysical Journal, Supplement Series</i> , 2002, 140, 51-66.	3.0	43
84	Interstellar Gas-phase Element Depletions in the Small Magellanic Cloud: A Guide to Correcting for Dust in QSO Absorption Line Systems. <i>Astrophysical Journal</i> , 2017, 838, 85.	1.6	43
85	Observations of OVI Emission from the Diffuse Interstellar Medium. <i>Astrophysical Journal</i> , 2001, 560, 730-741.	1.6	42
86	ATOMIC AND MOLECULAR CARBON AS A TRACER OF TRANSLUCENT CLOUDS. <i>Astrophysical Journal</i> , 2010, 708, 334-341.	1.6	42
87	Absorption-Line Systems and Galaxies in Front of the Second-brightest Quasar, PHL 1811. <i>Astronomical Journal</i> , 2003, 125, 2824-2841.	1.9	41
88	The interstellar cloud surrounding the Sun: a new perspective. <i>Astronomy and Astrophysics</i> , 2014, 567, A58.	2.1	41
89	Large metallicity variations in the Galactic interstellar medium. <i>Nature</i> , 2021, 597, 206-208.	13.7	41
90	High-resolution IUE observations of interstellar absorption lines in the VELA supernova remnant. <i>Astrophysical Journal</i> , 1984, 278, 649.	1.6	41

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91	O VI absorption in interstellar cloud surfaces. <i>Astrophysical Journal</i> , 1979, 232, 467.	1.6	40
92	Interstellar abundances of oxygen and nitrogen. <i>Astrophysical Journal</i> , 1983, 266, L55.	1.6	40
93	Thermal Pressures in Neutral Clouds inside the Local Bubble, as Determined from C II λ 8500 Structure Excitations. <i>Astrophysical Journal</i> , 2002, 580, 938-949.	1.6	39
94	Deuterium and Oxygen toward Feige 110: Results from the FUSE Mission. <i>Astrophysical Journal, Supplement Series</i> , 2002, 140, 37-49.	3.0	39
95	High-velocity, high-excitation neutral carbon in a cloud in the VELA supernova remnant. <i>Astrophysical Journal</i> , 1995, 440, 227.	1.6	38
96	Measurements of the f Values of the Resonance Transitions of N III λ 1317.217 and 1370.132 Å. <i>Astrophysical Journal</i> , 2006, 637, 548-552.	1.6	36
97	Warm-hot gas in X-ray bright galaxy clusters and the α -deficient circumgalactic medium in dense environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2067-2085.	1.6	36
98	A search list of lines for quasi-stellar object absorption systems. <i>Astrophysical Journal, Supplement Series</i> , 1988, 68, 449.	3.0	36
99	[ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Observations of the Low-Redshift Ly α Forest. <i>Astrophysical Journal</i> , 2000, 538, L13-L16.	1.6	35
100	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.	1.6	35
101	THE FRACTIONAL IONIZATION OF THE WARM NEUTRAL INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2013, 764, 25.	1.6	35
102	The Low-Redshift Ly α Forest toward PKS 0405-123. <i>Astrophysical Journal</i> , 2006, 636, 631-653.	1.6	35
103	Observations of Absorption Lines from Highly Ionized Atoms. <i>Astrophysics and Space Science Library</i> , 1987, , 531-548.	1.0	34
104	Rocket-Ultraviolet Spectra of Eight Stars in Ophiuchus and Scorpius. <i>Astrophysical Journal</i> , 1972, 177, 219.	1.6	34
105	The CO-12/CO-13 abundance ratio toward Zeta Ophiuchi. <i>Astrophysical Journal</i> , 1982, 254, 100.	1.6	34
106	Spectrophotometric Results from the Copernicus Satellite. VI. Extinction by Grains at Wavelengths Between 1200 and 1000 Å.... <i>Astrophysical Journal</i> , 1973, 182, L1.	1.6	34
107	Far Ultra-violet Spectra of Orion Stars. <i>Nature</i> , 1967, 215, 1257-1259.	13.7	31
108	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.	1.6	31

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109	The filaments of NGC 1275 - A collision between a galaxy and an accretion flow?. <i>Astrophysical Journal</i> , 1983, 275, L27.	1.6	31
110	Intermediate- and High-Velocity Ionized Gas toward $\hat{\Gamma}$ Orionis. <i>Astrophysical Journal</i> , 2002, 579, 304-326.	1.6	30
111	Far-Ultraviolet Spectra of Zeta Puppis and $\hat{\Gamma}^2$ Velorum. <i>Astrophysical Journal</i> , 1969, 155, 875.	1.6	30
112	Rocket Spectra of Venus and Jupiter from 2000 TO 3000 Å... <i>Astrophysical Journal</i> , 1969, 157, 913.	1.6	30
113	Velocities and rotational excitation of interstellar H ₂ toward Pi Scorpii. <i>Astrophysical Journal</i> , 1989, 343, 785.	1.6	30
114	The Galactic Halo's OviResonance Line Intensity. <i>Astrophysical Journal</i> , 2007, 659, 365-377.	1.6	28
115	Rocket Observations of Orion Stars with an All-Reflective Ultraviolet Spectrograph. <i>Astrophysical Journal</i> , 1968, 154, 661.	1.6	28
116	Far Ultraviolet Spectroscopic Explorer Observations of Interstellar Gas toward the Small Magellanic Cloud Star Sk 108. <i>Astrophysical Journal</i> , 2001, 558, 133-144.	1.6	27
117	METAL: The Metal Evolution, Transport, and Abundance in the Large Magellanic Cloud Hubble Program. I. Overview and Initial Results. <i>Astrophysical Journal</i> , 2019, 871, 151.	1.6	27
118	Interstellar depletions and far-ultraviolet extinction in the Rho Ophiuchi cloud. <i>Astrophysical Journal</i> , 1980, 241, 161.	1.6	26
119	Interstellar gas in the GUM Nebula. <i>Astrophysical Journal</i> , 1980, 240, 834.	1.6	25
120	High resolution spectroscopy in the far UV: Observations of the interstellar medium by IMAPS on ORFEUS-SPAS. <i>Astrophysics and Space Science</i> , 1996, 239, 315-360.	0.5	24
121	Probing the Outflowing Multiphase Gas $\hat{\sim}$ 1/41 kpc below the Galactic Center. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 25.	3.0	24
122	Insights on Dust Grain Formation and Destruction Provided by Gas-Phase Element Abundances. , 1989, , 23-36.		24
123	Ultraviolet Imaging Telescope observations of the Cygnus Loop. <i>Astrophysical Journal</i> , 1992, 395, L9.	1.6	24
124	Probing the Southern Fermi Bubble in Ultraviolet Absorption Using Distant AGNs. <i>Astrophysical Journal</i> , 2018, 860, 98.	1.6	23
125	Mapping Outflowing Gas in the Fermi Bubbles: A UV Absorption Survey of the Galactic Nuclear Wind*. <i>Astrophysical Journal</i> , 2020, 898, 128.	1.6	23
126	Lyman-Alpha observations of comet Kobayashi-Berger-Milon (1975 IX) with Copernicus. <i>Astrophysical Journal</i> , 1979, 232, 318.	1.6	22

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127	Ultraviolet observations of interstellar absorption lines toward SN 1987A. <i>Astrophysical Journal</i> , 1989, 345, 393.	1.6	22
128	METAL: The Metal Evolution, Transport, and Abundance in the Large Magellanic Cloud Hubble Program. II. Variations of Interstellar Depletions and Dust-to-gas Ratio within the LMC. <i>Astrophysical Journal</i> , 2021, 910, 95.	1.6	21
129	Interstellar absorption along the line of sight to Theta Carinae using Copernicus observations. <i>Astrophysical Journal, Supplement Series</i> , 1992, 83, 261.	3.0	21
130	Independent Emission and Absorption Abundances for Planetary Nebulae I. <i>Astrophysical Journal</i> , 2008, 677, 1100-1119.	1.6	19
131	Pressure and Ionization Balances in the Circum-Heliospheric Interstellar Medium and the Local Bubble. <i>Space Science Reviews</i> , 2009, 143, 205-216.	3.7	19
132	The magnetic effects of magnetosphere surface currents. <i>Journal of Geophysical Research</i> , 1962, 67, 3361-3367.	3.3	18
133	IUE observations of the interstellar medium. <i>Nature</i> , 1978, 275, 394-400.	13.7	18
134	21-cm H I emission from the Damped Lyman- α absorber SBS 1543+593. <i>Astronomy and Astrophysics</i> , 2001, 372, 820-823.	2.1	18
135	The Properties of Molecular Hydrogen toward the Orion Belt Stars from Observations by the Interstellar Medium Absorption Profile Spectrograph. <i>Astrophysical Journal</i> , 2000, 538, 275-288.	1.6	17
136	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2017, 846, 141.	1.6	17
137	AL III, SI IV, and C IV absorption toward zeta Ophiuchi: Evidence for photionized and collisionally ionized gas. <i>Astrophysical Journal</i> , 1994, 421, 585.	1.6	17
138	A Search for r-Process Elements in the VELA Supernova Remnant. <i>Astrophysical Journal</i> , 1995, 449, 688.	1.6	17
139	Detection of Hot Gas in the Interstellar Medium. <i>Astrophysical Journal</i> , 1995, 450, 163.	1.6	17
140	Space Telescope Imaging Spectrograph Observations of the Interstellar Velocity Structure and Chemical Composition toward the Carina Nebula. <i>Astrophysical Journal</i> , 1998, 492, L169-L172.	1.6	17
141	A compressed cloud in the VELA supernova remnant. <i>Astrophysical Journal</i> , 1981, 248, 977.	1.6	16
142	The low-redshift Ly α forest towards 3C 273. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 405, 1736-1758.	1.6	15
143	The Lyman-Alpha Image of Comet Tago-Sato (1969g). <i>Astrophysical Journal</i> , 1972, 174, 697.	1.6	15
144	Corection to the second approximation calculation of the geomagnetic field, solar wind interface. <i>Journal of Geophysical Research</i> , 1962, 67, 4895-4896.	3.3	14

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145	The nearby interstellar medium toward τ Leo. <i>Astronomy and Astrophysics</i> , 2017, 598, A31.	2.1	14
146	A Closer Look at Interstellar Lyman-Alpha Absorption. <i>Astrophysical Journal</i> , 1971, 169, 25.	1.6	14
147	Fabry-Perot/CCD observations of <i>S</i> III/ and <i>S</i> II/ emissions from the Jupiter plasma torus. <i>Astrophysical Journal</i> , 1982, 259, 900.	1.6	14
148	Hubble Space Telescope Observations of Interstellar Lines in Three High-Latitude Stars. <i>Astrophysical Journal</i> , 1996, 462, 758.	1.6	14
149	The Influence of Stellar Wind Variability on Measurements of Interstellar O [CSC]vi/[CSC] along Sight Lines to Early-Type Stars. <i>Astrophysical Journal</i> , 2001, 556, L103-L106.	1.6	13
150	Copernicus measurements of the Lyman-alpha albedo of Jupiter. <i>Astrophysical Journal</i> , 1980, 238, 1152.	1.6	13
151	Far Ultraviolet Spectroscopic Explorer Observations of an X-ray Bright Region in the Vela Supernova Remnant. <i>Astrophysical Journal</i> , 2001, 549, 416-424.	1.6	12
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