Hsiao-Wen Chen

List of Publications by Citations

145 papers	9,695 citations	55 h-index	95 g-index
155 ext. papers	10,078 ext. citations	5.8 avg, IF	5.97 L-index

#	Paper	IF	Citations
145	Unusual spectral energy distribution of a galaxy previously reported to be at redshift 6.68. *Nature*, **2000**, 408, 562-4	50.4	613
144	The Gemini Deep Deep Survey. VII. The Redshift Evolution of the Mass-Metallicity Relation. *Astrophysical Journal*, **2005**, 635, 260-279	4.7	380
143	A high abundance of massive galaxies 3-6 billion years after the Big Bang. *Nature*, **2004**, 430, 181-4	50.4	290
142	Cosmic Star Formation History and Its Dependence on Galaxy Stellar Mass. *Astrophysical Journal*, **2005**, 619, L135-L138	4.7	283
141	LOW-RESOLUTION SPECTROSCOPY OF GAMMA-RAY BURST OPTICAL AFTERGLOWS: BIASES IN THE SWIFT SAMPLE AND CHARACTERIZATION OF THE ABSORBERS. *Astrophysical Journal, Supplement Series*, **2009**, 185, 526-573	8	276
140	Closing in on a Short-Hard Burst Progenitor: Constraints from Early-Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b. *Astrophysical Journal*, **2006**, 638, 354-368	4.7	244
139	RED NUGGETS ATz~ 1.5: COMPACT PASSIVE GALAXIES AND THE FORMATION OF THE KORMENDY RELATION. *Astrophysical Journal*, **2009**, 695, 101-115	4.7	239
138	PROBING THE INTERGALACTIC MEDIUM/GALAXY CONNECTION. V. ON THE ORIGIN OF Ly□AND O VI ABSORPTION ATzAstrophysical Journal, **2011**, 740, 91	4.7	217
137	The Gemini Deep Deep Survey. I. Introduction to the Survey, Catalogs, and Composite Spectra. *Astronomical Journal*, **2004**, 127, 2455-2483	4.9	216
136	AN EMPIRICAL CHARACTERIZATION OF EXTENDED COOL GAS AROUND GALAXIES USING Mg II ABSORPTION FEATURES. *Astrophysical Journal*, **2010**, 714, 1521-1541	4.7	210
135	Escape of Ionizing Radiation from High-Redshift Galaxies. *Astrophysical Journal*, **2008**, 672, 765-775	4.7	209
134	FROM SHOCK BREAKOUT TO PEAK AND BEYOND: EXTENSIVE PANCHROMATIC OBSERVATIONS OF THE TYPE Ib SUPERNOVA 2008D ASSOCIATED WITHSWIFTX-RAY TRANSIENT 080109. *Astrophysical Journal*, **2009**, 702, 226-248	4.7	191
133	Evolved Galaxies at z > 1.5 from the Gemini Deep Deep Survey: The Formation Epoch of Massive Stellar Systems. *Astrophysical Journal*, **2004**, 614, L9-L12	4.7	179
132	Probing the Interstellar Medium near Star-forming Regions with Gamma-Ray Burst Afterglow Spectroscopy: Gas, Metals, and Dust. *Astrophysical Journal*, **2007**, 666, 267-280	4.7	171
131	THE HOST GALAXIES OFSWIFTDARK GAMMA-RAY BURSTS: OBSERVATIONAL CONSTRAINTS ON HIGHLY OBSCURED AND VERY HIGH REDSHIFT GRBs. *Astronomical Journal*, **2009**, 138, 1690-1708	4.9	153
130	The Host Galaxy of GRB 031203: Implications of Its Low Metallicity, Low Redshift, and Starburst Nature. *Astrophysical Journal*, **2004**, 611, 200-207	4.7	148
129	GRB 080503: IMPLICATIONS OF A NAKED SHORT GAMMA-RAY BURST DOMINATED BY EXTENDED EMISSION. *Astrophysical Journal*, **2009**, 696, 1871-1885	4.7	141

128	The Gaseous Extent of Galaxies and the Origin of Ly Absorption Systems. III.HubbleSpaceTelescopeImaging of Ly absorbing Galaxies atzAstrophysical Journal, **1998**, 498, 77-94	4.7	129
127	The Origin of CivAbsorption Systems at RedshiftszAstrophysical Journal, **2001**, 556, 158-163	4.7	129
126	The Gaseous Extent of Galaxies and the Origin of Ly Absorption Systems. V. Optical and Near-Infrared Photometry of Ly absorbing Galaxies atz . *Astrophysical Journal*, **2001**, 559, 654-674	4.7	122
125	Abundance Profiles and Kinematics of Damped Ly Absorbing Galaxies atzAstrophysical Journal, **2005**, 620, 703-722	4.7	120
124	RED NUGGETS AT HIGH REDSHIFT: STRUCTURAL EVOLUTION OF QUIESCENT GALAXIES OVER 10 Gyr OF COSMIC HISTORY. *Astrophysical Journal Letters*, **2011**, 739, L44	7.9	119
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122	Dissecting the Circumstellar Environment of Ray Burst Progenitors. *Astrophysical Journal*, **2006**, 648, 95-110	4.7	117
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120	Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo. *Astronomical Journal*, **2004**, 128, 3034-3052	4.9	109
119	On the possible environmental effect in distributing heavy elements beyond individual gaseous haloes. *Monthly Notices of the Royal Astronomical Society*, **2015**, 449, 3263-3273	4.3	107
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117	On the Nature of Velocity Fields in High-zGalaxies. *Astrophysical Journal*, **2008**, 672, 59-71	4.7	106
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115	PROBING THE INTERGALACTIC MEDIUMâGALAXY CONNECTION ATzAstrophysical Journal, **2009**, 701, 1219-1242	4.7	100
114	Mining circumgalactic baryons in the low-redshift universe. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 2061-2081	4.3	99
113	The Galaxy Hosts and Large-Scale Environments of Short-Hard Gamma-Ray Bursts. *Astrophysical Journal*, **2006**, 642, 989-994	4.7	90
112	The Las Campanas Infrared Survey: Early-Type Galaxy Progenitors beyond [CLC][ITAL]z[/ITAL][/CLC] = 1. *Astrophysical Journal*, **2001**, 560, L131-L134	4.7	89
111	Searching for Low Surface Brightness Galaxies in the Hubble Ultra Deep Field: Implications for the Star Formation Efficiency in Neutral Gas at documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} newcommandcyr{ renewcommandrmdefault{wncyr} renewcommandsfdefault{wncyss} renewcommand. *Astrophysical Journal*, **2006**, 652, 981-993	4.7	88

110	WHAT DETERMINES THE INCIDENCE AND EXTENT OF Mg II ABSORBING GAS AROUND GALAXIES?. *Astrophysical Journal Letters*, **2010**, 724, L176-L182	7.9	86
109	The Las Campanas Infrared Survey - II. Photometric redshifts, comparison with models and clustering evolution. *Monthly Notices of the Royal Astronomical Society*, **2002**, 332, 617-646	4.3	84
108	A New Constraint on the Escape Fraction in Distant Galaxies Using Ray Burst Afterglow Spectroscopy. *Astrophysical Journal*, **2007**, 667, L125-L128	4.7	83
107	On the Incidence of Strong Mg ii Absorbers along Gamma-Ray Burst Sight Lines. *Astrophysical Journal*, **2006**, 648, L93-L96	4.7	80
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105	Characterizing circumgalactic gas around massive ellipticals atz~ 0.4 âII. Physical properties and elemental abundances. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 2257-2280	4.3	77
104	Hypernova Signatures in the Late Rebrightening of GRB 050525A. *Astrophysical Journal*, **2006**, 642, L103-L106	4.7	75
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102	The Gemini Deep Deep Survey. VIII. When Did Early-Type Galaxies Form?. *Astrophysical Journal*, **2007**, 669, 184-201	4.7	73
101	GRB 090426: the environment of a rest-frame 0.35-s gamma-ray burst at a redshift of 2.609. *Monthly Notices of the Royal Astronomical Society*, **2010**, 401, 963-972	4.3	71
100	The Baryon Content of Dark Matter Halos: Empirical Constraints from MgiiAbsorbers. *Astrophysical Journal*, **2008**, 687, 745-756	4.7	71
99	Probing the Intergalactic Mediumâ Galaxy Connection toward PKS 0405â123. I. Ultraviolet Spectroscopy and Metal-Line Systems. *Astrophysical Journal*, **2004**, 617, 718-745	4.7	69
98	THEHST/ACS+WFC3 SURVEY FOR LYMAN LIMIT SYSTEMS. II. SCIENCE. *Astrophysical Journal*, **2013**, 765, 137	4.7	68
97	A Space Telescope Imaging Spectrograph Survey for OviAbsorption Systems at 0.12 . *Astrophysical Journal, Supplement Series*, **2008**, 179, 37-70	8	65
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92	On The Halo Occupation of Dark Baryons. *Astrophysical Journal*, **2008**, 679, 1218-1231	4.7	58
91	THE LAST EIGHT-BILLION YEARS OF INTERGALACTIC C IV EVOLUTION. *Astrophysical Journal*, **2010**, 708, 868-908	4.7	56
90	A STIS Survey for OviAbsorption Systems at 0.12 . *Astrophysical Journal*, **2008**, 683, 22-32	4.7	54
89	THE INCIDENCE OF COOL GAS IN ~1013M?HALOS. *Astrophysical Journal*, **2010**, 716, 1263-1268	4.7	52
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87	Characterizing the Low-Redshift Intergalactic Medium toward PKS 1302â102. *Astrophysical Journal*, **2008**, 676, 262-285	4.7	50
86	Missing Molecular Hydrogen and the Physical Conditions of GRB Host Galaxies. *Astrophysical Journal*, **2007**, 668, 667-673	4.7	49
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84	The Extent of Chemically Enriched Gas around Star-forming Dwarf Galaxies. *Astrophysical Journal Letters*, **2017**, 850, L10	7.9	48
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80	Probing the Intergalactic Mediumâ Galaxy Connection toward PKS 0405â123. III. The Galaxy Survey and Correlations with OviAbsorbers. *Astrophysical Journal*, **2006**, 643, 680-691	4.7	46
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76	Gemini Deep Deep Survey. VI. Massive Hstrong Galaxies atz? 1. *Astrophysical Journal*, **2006**, 642, 48-62	4.7	44
75	Probing the cool interstellar and circumgalactic gas of three massive lensing galaxies atz= 0.4â0.7. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2423-2442	4.3	43

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69	On the Absence of Wind Signatures in GRB Afterglow Spectra: Constraints on the Wolf-Rayet Winds of GRB Progenitors. *Astrophysical Journal*, **2007**, 663, 420-436	4.7	40
68	Characterizing circumgalactic gas around massive ellipticals at z ~ 0.4 â I. Initial results. *Monthly Notices of the Royal Astronomical Society*, **2018**, 479, 2547-2563	4.3	40
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66	Temporal Variation in the Abundance of Excited Fe[FORMULA][F][SUP]+[/SUP][/F][/FORMULA] Near a Gamma-Ray Burst Afterglow. *Astrophysical Journal*, **2006**, 648, L89-L92	4.7	37
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64	WARM GAS IN THE VIRGO CLUSTER. I. DISTRIBUTION OF Ly ABSORBERS. *Astrophysical Journal*, **2012**, 754, 84	4.7	35
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61	Error analysis of the photometric redshift technique. *Monthly Notices of the Royal Astronomical Society*, **2002**, 330, 889-894	4.3	34
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55	Probing the thermal state of the intergalactic medium at z > 5 with the transmission spikes in high-resolution Ly Forest spectra. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 5091-5109	4.3	28
54	On the Incidence of CivAbsorbers Along the Sight Lines to Gamma-Ray Bursts. *Astrophysical Journal* , **2007**, 671, 622-627	4.7	27
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36	AN IMAGING AND SPECTROSCOPIC STUDY OF FOUR STRONG Mg II ABSORBERS REVEALED BY GRB 060418. *Astrophysical Journal*, **2009**, 701, 1605-1615	4.7	16
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25	Gauging Metallicity of Diffuse Gas under an Uncertain Ionizing Radiation Field. *Astrophysical Journal Letters*, **2017**, 842, L19	7.9	12
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11	Probing IGM accretion on to faint Ly emitters at z ~ 2.8. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 1392-1403	4.3	4
10	The cosmic ultraviolet baryon survey (CUBS) IV: The complex multiphase circumgalactic medium as revealed by partial Lyman limit systems. *Monthly Notices of the Royal Astronomical Society*,	4.3	3
9	Discovery and origins of giant optical nebulae surrounding quasar PKS 0454â22. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 5497-5513	4.3	2
8	Probing the circumstellar medium of GRB afterglows through absorption-line observations. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2007**, 365, 1247-53	3	1
7	Unmasking damped Ly. *Proceedings of the International Astronomical Union*, **2005**, 1, 68-73	0.1	1
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2 When do early-type galaxies form?. *Proceedings of the International Astronomical Union*, **2006**, 2, 345-349 0.1

1 Star-Forming, Recently Star-Forming, and âRed and Deadâ Galaxies at 1 2005, 195-200