

Piero Madau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5428137/publications.pdf>

Version: 2024-02-01

179
papers

29,353
citations

7087

78
h-index

4641

170
g-index

180
all docs

180
docs citations

180
times ranked

10352
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmic Star-Formation History. Annual Review of Astronomy and Astrophysics, 2014, 52, 415-486.	8.1	2,724
2	High-redshift galaxies in the Hubble Deep Field: colour selection and star formation history to $z \hat{A} 4$. Monthly Notices of the Royal Astronomical Society, 1996, 283, 1388-1404.	1.6	1,726
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	3.0	1,590
4	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€™THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	3.0	1,549
5	Radiative Transfer in a Clumpy Universe. II. The Ultraviolet Extragalactic Background. Astrophysical Journal, 1996, 461, 20.	1.6	1,301
6	The Star Formation History of Field Galaxies. Astrophysical Journal, 1998, 498, 106-116.	1.6	1,086
7	Radiative transfer in a clumpy universe: The colors of high-redshift galaxies. Astrophysical Journal, 1995, 441, 18.	1.6	938
8	RADIATIVE TRANSFER IN A CLUMPY UNIVERSE. IV. NEW SYNTHESIS MODELS OF THE COSMIC UV/X-RAY BACKGROUND. Astrophysical Journal, 2012, 746, 125.	1.6	914
9	The Assembly and Merging History of Supermassive Black Holes in Hierarchical Models of Galaxy Formation. Astrophysical Journal, 2003, 582, 559-573.	1.6	782
10	Massive Black Holes as Population III Remnants. Astrophysical Journal, 2001, 551, L27-L30.	1.6	703
11	21 Centimeter Tomography of the Intergalactic Medium at High Redshift. Astrophysical Journal, 1997, 475, 429-444.	1.6	615
12	Radiative Transfer in a Clumpy Universe. III. The Nature of Cosmological Ionizing Sources. Astrophysical Journal, 1999, 514, 648-659.	1.6	614
13	A New Nonparametric Approach to Galaxy Morphological Classification. Astronomical Journal, 2004, 128, 163-182.	1.9	595
14	Formation and Evolution of Galaxy Dark Matter Halos and Their Substructure. Astrophysical Journal, 2007, 667, 859-877.	1.6	487
15	FORMING REALISTIC LATE-TYPE SPIRALS IN A $\hat{\Lambda}$ CDM UNIVERSE: THE ERIS SIMULATION. Astrophysical Journal, 2011, 742, 76.	1.6	422
16	Dark Matter Substructure and Gammaâ€™Ray Annihilation in the Milky Way Halo. Astrophysical Journal, 2007, 657, 262-270.	1.6	366
17	The Size Evolution of High-Redshift Galaxies. Astrophysical Journal, 2004, 600, L107-L110.	1.6	329
18	Evidence of patchy hydrogen reionization from an extreme Ly $\hat{\alpha}$ trough below redshift six. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3402-3419.	1.6	307

#	ARTICLE	IF	CITATIONS
19	Deep galaxy counts, extragalactic background light and the stellar baryon budget. Monthly Notices of the Royal Astronomical Society, 2000, 312, L9-L15.	1.6	304
20	Compound Gravitational Lensing as a Probe of Dark Matter Substructure within Galaxy Halos. Astrophysical Journal, 2001, 563, 9-20.	1.6	295
21	COSMIC REIONIZATION AFTER PLANCK: COULD QUASARS DO IT ALL?. Astrophysical Journal Letters, 2015, 813, L8.	3.0	294
22	A cosmic web filament revealed in Lyman- α emission around a luminous high-redshift quasar. Nature, 2014, 506, 63-66.	13.7	284
23	Early Metal Enrichment of the Intergalactic Medium by Pregalactic Outflows. Astrophysical Journal, 2001, 555, 92-105.	1.6	284
24	The Distribution and Cosmic Evolution of Massive Black Hole Spins. Astrophysical Journal, 2005, 620, 69-77.	1.6	277
25	On the Association of Gamma-Ray Bursts with Massive Stars: Implications for Number Counts and Lensing Statistics. Astrophysical Journal, 2001, 548, 522-531.	1.6	271
26	Radiation Backgrounds at Cosmic Dawn: X-Rays from Compact Binaries. Astrophysical Journal, 2017, 840, 39.	1.6	227
27	Radio Signatures of High Redshift: Mapping the End of the "Dark Ages". Astrophysical Journal, 2000, 528, 597-606.	1.6	213
28	Low-Frequency Gravitational Radiation from Coalescing Massive Black Hole Binaries in Hierarchical Cosmologies. Astrophysical Journal, 2004, 611, 623-632.	1.6	212
29	High-Redshift Supernova Rates. Astrophysical Journal, 2004, 613, 189-199.	1.6	209
30	Probing beyond the Epoch of Hydrogen Reionization with 21 Centimeter Radiation. Astrophysical Journal, 2003, 596, 1-8.	1.6	206
31	INSIDE OUT AND UPSIDE DOWN: TRACING THE ASSEMBLY OF A SIMULATED DISK GALAXY USING MONO-AGE STELLAR POPULATIONS. Astrophysical Journal, 2013, 773, 43.	1.6	206
32	Early Metal Enrichment by Pregalactic Outflows. II. Three-dimensional Simulations of Blow-Away. Astrophysical Journal, 2002, 571, 40-55.	1.6	187
33	Redefining the Missing Satellites Problem. Astrophysical Journal, 2007, 669, 676-683.	1.6	185
34	SUPER-CRITICAL GROWTH OF MASSIVE BLACK HOLES FROM STELLAR-MASS SEEDS. Astrophysical Journal Letters, 2014, 784, L38.	3.0	185
35	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	3.0	185
36	Dark matter direct detection with non-Maxwellian velocity structure. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 030-030.	1.9	182

#	ARTICLE	IF	CITATIONS
37	The Restâ€Frame Farâ€Ultraviolet Morphologies of Starâ€forming Galaxies at $z \approx 1.5$ and 4. <i>Astrophysical Journal</i> , 2006, 636, 592-609.	1.6	181
38	On the evolution of the cosmic supernova rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 297, L17-L22.	1.6	169
39	THE CIRCUMGALACTIC MEDIUM OF MASSIVE GALAXIES AT $z \approx 3$: A TEST FOR STELLAR FEEDBACK, GALACTIC OUTFLOWS, AND COLD STREAMS. <i>Astrophysical Journal</i> , 2013, 765, 89.	1.6	168
40	Interaction of Massive Black Hole Binaries with Their Stellar Environment. I. Ejection of Hypervelocity Stars. <i>Astrophysical Journal</i> , 2006, 651, 392-400.	1.6	164
41	The distribution and kinematics of early high- \dot{M} peaks in present-day haloes: implications for rare objects and old stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 367-383.	1.6	156
42	Dark Matter Subhalos and the Dwarf Satellites of the Milky Way. <i>Astrophysical Journal</i> , 2008, 679, 1260-1271.	1.6	154
43	THE HISTORY OF R -PROCESS ENRICHMENT IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2015, 807, 115.	1.6	153
44	The Dark Matter Annihilation Signal from Galactic Substructure: Predictions for γ -GLAST. <i>Astrophysical Journal</i> , 2008, 686, 262-278.	1.6	145
45	X-ray bumps, iron K-alpha lines, and X-ray suppression by obscuring tori in Seyfert galaxies. <i>Astrophysical Journal</i> , 1994, 420, L57.	1.6	140
46	The Gravitational Wave Signal from Massive Black Hole Binaries and Its Contribution to theLISAData Stream. <i>Astrophysical Journal</i> , 2005, 623, 23-30.	1.6	139
47	Early Enrichment of the Intergalactic Medium and Its Feedback on Galaxy Formation. <i>Astrophysical Journal</i> , 2002, 574, 590-598.	1.6	137
48	Photonâ€conserving Radiative Transfer around Point Sources in Multidimensional Numerical Cosmology. <i>Astrophysical Journal</i> , 1999, 523, 66-71.	1.6	132
49	GeV gamma-ray attenuation and the high-redshift UV background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 1694-1708.	1.6	131
50	BUILDING LATE-TYPE SPIRAL GALAXIES BY IN-SITU AND EX-SITU STAR FORMATION. <i>Astrophysical Journal</i> , 2015, 799, 184.	1.6	128
51	The Detectability of Pairâ€Production Supernovae at $z \approx 6$. <i>Astrophysical Journal</i> , 2005, 633, 1031-1041.	1.6	124
52	ENHANCED TIDAL DISRUPTION RATES FROM MASSIVE BLACK HOLE BINARIES. <i>Astrophysical Journal</i> , 2009, 697, L149-L152.	1.6	123
53	Early Supersymmetric Cold Dark Matter Substructure. <i>Astrophysical Journal</i> , 2006, 649, 1-13.	1.6	121
54	The Shapes, Orientation, and Alignment of Galactic Dark Matter Subhalos. <i>Astrophysical Journal</i> , 2007, 671, 1135-1146.	1.6	121

#	ARTICLE	IF	CITATIONS
55	The Fate of Supermassive Black Holes and the Evolution of the $M_{BH} - \dot{M}$ Relation in Merging Galaxies: The Effect of Gaseous Dissipation. <i>Astrophysical Journal</i> , 2005, 623, L67-L70.	1.6	119
56	The Effect of Gravitational-Wave Recoil on the Demography of Massive Black Holes. <i>Astrophysical Journal</i> , 2004, 606, L17-L20.	1.6	118
57	A downturn in intergalactic \dot{M} as redshift 6 is approached. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1476-1490.	1.6	117
58	THE BARYON CYCLE OF DWARF GALAXIES: DARK, BURSTY, GAS-RICH POLLUTERS. <i>Astrophysical Journal</i> , 2014, 792, 99.	1.6	117
59	The Spin Temperature and 21 cm Brightness of the Intergalactic Medium in the Pre-Reionization era. <i>Astrophysical Journal</i> , 2006, 637, L1-L4.	1.6	116
60	Consistent modelling of the meta-galactic UV background and the thermal/ionization history of the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 47-68.	1.6	116
61	TIDAL STELLAR DISRUPTIONS BY MASSIVE BLACK HOLE PAIRS. II. DECAYING BINARIES. <i>Astrophysical Journal</i> , 2011, 729, 13.	1.6	113
62	The Hubble Deep Field South: Formulation of the Observing Campaign. <i>Astronomical Journal</i> , 2000, 120, 2735-2746.	1.9	111
63	The Earliest Luminous Sources and the Damping Wing of the Gunn-Peterson Trough. <i>Astrophysical Journal</i> , 2000, 542, L69-L73.	1.6	108
64	The \dot{M} Density of the Universe at Redshift 5. <i>Astrophysical Journal</i> , 2003, 594, 695-703.	1.6	107
65	DWARF GALAXY FORMATION WITH H_2 -REGULATED STAR FORMATION. <i>Astrophysical Journal</i> , 2012, 749, 36.	1.6	105
66	The first miniquasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 1069-1082.	1.6	100
67	Enhanced momentum feedback from clustered supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2471-2488.	1.6	99
68	DARK MATTER HEATING AND EARLY CORE FORMATION IN DWARF GALAXIES. <i>Astrophysical Journal Letters</i> , 2014, 789, L17.	3.0	97
69	Photon Consumption in Minihalos during Cosmological Reionization. <i>Astrophysical Journal</i> , 2001, 551, 599-607.	1.6	95
70	The Formation of Galaxy Stellar Cores by the Hierarchical Merging of Supermassive Black Holes. <i>Astrophysical Journal</i> , 2003, 593, 661-666.	1.6	94
71	Thick accretion disks around black holes and the UV/soft X-ray excess in quasars. <i>Astrophysical Journal</i> , 1988, 327, 116.	1.6	94
72	On the photoionization of the intergalactic medium by quasars at high redshift. <i>Astrophysical Journal</i> , 1993, 412, 34.	1.6	91

#	ARTICLE	IF	CITATIONS
73	THE PHOTON UNDERPRODUCTION CRISIS. <i>Astrophysical Journal Letters</i> , 2014, 789, L32.	3.0	89
74	The photoheating of the intergalactic medium in synthesis models of the UV background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4081-4097.	1.6	88
75	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016, 833, 202.	1.6	88
76	Can we observe accreting, isolated neutron stars?. <i>Astrophysical Journal</i> , 1993, 403, 690.	1.6	88
77	THE ORIGIN OF METALS IN THE CIRCUMGALACTIC MEDIUM OF MASSIVE GALAXIES AT $z = 3$. <i>Astrophysical Journal</i> , 2012, 760, 50.	1.6	87
78	CARBON-ENHANCED METAL-POOR STARS: RELICS FROM THE DARK AGES. <i>Astrophysical Journal</i> , 2014, 791, 116.	1.6	82
79	THE <i>HST</i> / <i>ACS</i> + <i>WFC3</i> SURVEY FOR LYMAN LIMIT SYSTEMS. II. SCIENCE. <i>Astrophysical Journal</i> , 2013, 765, 137.	1.6	79
80	THE DISTRIBUTION OF DARK MATTER IN THE MILKY WAY'S DISK. <i>Astrophysical Journal</i> , 2014, 784, 161.	1.6	78
81	Relativistic Winds from Compact Gamma-Ray Sources. II. Pair Loading and Radiative Acceleration in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2000, 538, 105-114.	1.6	77
82	Interaction of Massive Black Hole Binaries with Their Stellar Environment. II. Loss Cone Depletion and Binary Orbital Decay. <i>Astrophysical Journal</i> , 2007, 660, 546-555.	1.6	76
83	Gravitational Lensing of Distant Supernovae in Cold Dark Matter Universes. <i>Astrophysical Journal</i> , 2000, 532, 679-693.	1.6	75
84	EXCITATION OF COUPLED STELLAR MOTIONS IN THE GALACTIC DISK BY ORBITING SATELLITES. <i>Astrophysical Journal</i> , 2016, 823, 4.	1.6	72
85	PSEUDOBULGE FORMATION AS A DYNAMICAL RATHER THAN A SECULAR PROCESS. <i>Astrophysical Journal</i> , 2013, 772, 36.	1.6	70
86	Lensing Constraints on the Cores of Massive Dark Matter Halos. <i>Astrophysical Journal</i> , 2001, 549, L25-L28.	1.6	69
87	Interaction of Massive Black Hole Binaries with Their Stellar Environment. III. Scattering of Bound Stars. <i>Astrophysical Journal</i> , 2008, 686, 432-447.	1.6	67
88	The He II Lyman-alpha opacity of the universe. <i>Astrophysical Journal</i> , 1994, 433, L53.	1.6	67
89	Bar-driven evolution and quenching of spiral galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3729-3740.	1.6	66
90	Cosmic Metal Production and the Contribution of QSO Absorption Systems to the Ionizing Background. <i>Astrophysical Journal</i> , 1996, 457, 551.	1.6	66

#	ARTICLE	IF	CITATIONS
91	An Ionizing Ultraviolet Background Dominated by Massive Stars. <i>Astrophysical Journal</i> , 2001, 549, L151-L154.	1.6	66
92	The graininess of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 641-659.	1.6	64
93	Exploring Dark Matter with Milky Way Substructure. <i>Science</i> , 2009, 325, 970-973.	6.0	63
94	The momentum budget of clustered supernova feedback in a 3D, magnetized medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3647-3658.	1.6	60
95	Did Very Massive Stars Preenrich and Reionize the Universe?. <i>Astrophysical Journal</i> , 2001, 562, L1-L4.	1.6	60
96	Escape of ionizing radiation from high-redshift dwarf galaxies: role of AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5607-5625.	1.6	57
97	Constraints on the Extragalactic Background Light from Gamma-Ray Observations of High-Redshift Quasars. <i>Astrophysical Journal</i> , 1996, 456, 124.	1.6	57
98	Probing the epoch of reionization with Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 1593-1602.	1.6	56
99	Hypervelocity stars and the environment of Sgr A. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 379, L45-L49.	1.2	54
100	The contribution of quasars to the ultraviolet extragalactic background. <i>Astrophysical Journal</i> , 1992, 389, L1.	1.6	54
101	Off-Nuclear AGNs as a Signature of Recoiling Massive Black Holes. <i>Astrophysical Journal</i> , 2008, 687, L57-L60.	1.6	51
102	ON THE ASSEMBLY OF THE MILKY WAY DWARF SATELLITES AND THEIR COMMON MASS SCALE. <i>Astrophysical Journal</i> , 2012, 745, 142.	1.6	50
103	Compton Heating of the Intergalactic Medium by the Hard X-Ray Background. <i>Astrophysical Journal</i> , 1999, 517, L9-L12.	1.6	48
104	Towards a unified description of the intergalactic medium at redshift $z \approx 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 476-486.	1.6	47
105	RECOILING MASSIVE BLACK HOLES IN GAS-RICH GALAXY MERGERS. <i>Astrophysical Journal</i> , 2011, 729, 125.	1.6	45
106	AN OFF-CENTER DENSITY PEAK IN THE MILKY WAY'S DARK MATTER HALO?. <i>Astrophysical Journal</i> , 2013, 765, 10.	1.6	43
107	DWARF GALAXY FORMATION WITH H_2 -REGULATED STAR FORMATION. II. GAS-RICH DARK GALAXIES AT REDSHIFT 2.5. <i>Astrophysical Journal</i> , 2013, 776, 34.	1.6	42
108	Empirical Determination of Dark Matter Velocities Using Metal-Poor Stars. <i>Physical Review Letters</i> , 2018, 120, 041102.	2.9	42

#	ARTICLE	IF	CITATIONS
109	A "LIGHT," CENTRALLY CONCENTRATED MILKY WAY HALO?. <i>Astrophysical Journal Letters</i> , 2013, 773, L32.	3.0	40
110	Relativistic Winds from Compact Gamma-Ray Sources. I. Radiative Acceleration in the Klein-Nishina Regime. <i>Astrophysical Journal</i> , 2000, 534, 239-247.	1.6	39
111	A measurement of the $z \approx 0$ UV background from H β fluorescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4802-4816.	1.6	39
112	Cosmic Reionization after Planck and before JWST: An Analytic Approach. <i>Astrophysical Journal</i> , 2017, 851, 50.	1.6	39
113	Gravitational Lensing Statistics in Universes Dominated by Dark Energy. <i>Astrophysical Journal</i> , 2004, 601, 104-119.	1.6	38
114	COLD DARK MATTER SUBSTRUCTURES IN EARLY-TYPE GALAXY HALOS. <i>Astrophysical Journal</i> , 2016, 824, 144.	1.6	38
115	The Origin of Intergalactic Metals around Lyman Break Galaxies. <i>Astrophysical Journal</i> , 2005, 625, L43-L46.	1.6	37
116	Accreting, Isolated Neutron Stars. III. Preheating of Infalling Gas and Cometary H II Regions. <i>Astrophysical Journal</i> , 1995, 454, 370.	1.6	37
117	Evolution in the Colors of Lyman Break Galaxies from $z \sim 4$ to $z \sim 3$. <i>Astrophysical Journal</i> , 2004, 600, L111-L114.	1.6	36
118	Constraints on Accreting, Isolated Neutron Stars from the ROSAT and EUVE Surveys. <i>Astrophysical Journal</i> , 1994, 423, 748.	1.6	36
119	Constraints from the Hubble Deep Field on High-Redshift Quasar Models. <i>Astrophysical Journal</i> , 1999, 514, 535-543.	1.6	36
120	Multimass spherical structure models for N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1543-1556.	1.6	35
121	Black hole starvation and bulge evolution in a Milky Way-like galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2603-2617.	1.6	35
122	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. III. STATISTICAL CHEMICAL TAGGING IN THE SMOOTH HALO. <i>Astrophysical Journal</i> , 2012, 749, 77.	1.6	32
123	A POPULATION OF RELIC INTERMEDIATE-MASS BLACK HOLES IN THE HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2014, 780, 187.	1.6	32
124	He II ABSORPTION AND THE SAWTOOTH SPECTRUM OF THE COSMIC FAR-UV BACKGROUND. <i>Astrophysical Journal</i> , 2009, 693, L100-L103.	1.6	31
125	Self-absorbed active galactic nuclei and the cosmic X-ray background. <i>Astrophysical Journal</i> , 1993, 410, L7.	1.6	29
126	CLUMPY DISKS AS A TESTBED FOR FEEDBACK-REGULATED GALAXY FORMATION. <i>Astrophysical Journal Letters</i> , 2016, 830, L13.	3.0	28

#	ARTICLE	IF	CITATIONS
127	The CGM and IGM at $z \sim 1/4$: metal budget and physical connection. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4940-4959.	1.6	28
128	Global torques and stochasticity as the drivers of massive black hole pairing in the young Universe. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3601-3615.	1.6	28
129	SIMULATING TIDAL STREAMS IN A HIGH-RESOLUTION DARK MATTER HALO. Astrophysical Journal, 2015, 803, 75.	1.6	27
130	Young and turbulent: the early life of massive galaxy progenitors. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4080-4100.	1.6	27
131	Constraints on early star formation from the 21-cm global signal. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 480, L43-L47.	1.2	26
132	Early preheating and galaxy formation. Monthly Notices of the Royal Astronomical Society, 2003, 344, 835-846.	1.6	25
133	<i>FERMI</i>-LAT SENSITIVITY TO DARK MATTER ANNIHILATION IN VIA LACTEA II SUBSTRUCTURE. Astrophysical Journal, 2010, 718, 899-904.	1.6	25
134	DISPERSAL OF TIDAL DEBRIS IN A MILKY-WAY-SIZED DARK MATTER HALO. Astrophysical Journal, 2016, 818, 194.	1.6	22
135	Globular Cluster Formation from Colliding Substructure. Astrophysical Journal, 2020, 890, 18.	1.6	21
136	Chemical enrichment of stars due to accretion from the ISM during the Galaxy's assembly. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4012-4021.	1.6	19
137	Constraining the Tail End of Reionization Using Ly α Transmission Spikes. Astrophysical Journal, 2019, 876, 31.	1.6	19
138	Compton Echoes from Gamma-Ray Bursts. Astrophysical Journal, 2000, 541, 712-719.	1.6	18
139	QSO absorption systems and the origin of the ionizing background at high redshift. Astrophysical Journal, 1991, 376, L33.	1.6	18
140	REVERSAL OF FORTUNE: INCREASED STAR FORMATION EFFICIENCIES IN THE EARLY HISTORIES OF DWARF GALAXIES?. Astrophysical Journal Letters, 2014, 790, L17.	3.0	17
141	DDO 216-A1: A Central Globular Cluster in a Low-luminosity Transition-type Galaxy^{âˆ—}. Astrophysical Journal, 2017, 837, 54.	1.6	17
142	The detection of intergalactic H α emission from the Slug Nebula at $z \sim 1/4$ 2.3. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2094-2108.	1.6	17
143	The Complementary Roles of Feedback and Mergers in Building the Gaseous Halo and the X-Ray Corona of Milky-Way-sized Galaxies. Astrophysical Journal, 2018, 867, 73.	1.6	16
144	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. Astrophysical Journal, 2022, 926, 194.	1.6	16

#	ARTICLE	IF	CITATIONS
145	Modelling the merging history of Binary SMBHs in Hierarchical Models of Galaxy Formation. <i>Astrophysics and Space Science</i> , 2002, 281, 501-504.	0.5	15
146	A strategy for finding gravitationally lensed distant supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 319, 549-556.	1.6	15
147	Stellar and weak lensing profiles of massive galaxies in the Hyper-Suprime Cam survey and in hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 432-447.	1.6	15
148	Inferring the Thermal History of the Intergalactic Medium from the Properties of the Hydrogen and Helium Ly α Forest. <i>Astrophysical Journal</i> , 2022, 933, 59.	1.6	15
149	A galaxy as the source of a C α iv absorption system close to the epoch of reionization~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 820-827.	1.6	13
150	SIGNATURES OF KINEMATIC SUBSTRUCTURE IN THE GALACTIC STELLAR HALO. <i>Astrophysical Journal</i> , 2015, 807, 14.	1.6	13
151	Around the Way: Testing Λ CDM with Milky Way Stellar Stream Constraints. <i>Astrophysical Journal</i> , 2018, 858, 73.	1.6	13
152	Momentum injection by clustered supernovae: testing subgrid feedback prescriptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1243-1256.	1.6	13
153	Effects of Photoionization and Photoheating on Ly α Forest Properties from Cholla Cosmological Simulations. <i>Astrophysical Journal</i> , 2021, 912, 138.	1.6	13
154	Compton Echoes from Gamma-Ray Bursts: Unveiling Misaligned Jets in Nearby Type Ib/c Supernovae. <i>Astrophysical Journal</i> , 2004, 608, L89-L92.	1.6	12
155	The comoving mass density of Mg α ii from $z \sim 1/4$ to 5.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1023-1051.	1.6	12
156	Cosmological reionization. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 2021-2033.	1.6	12
157	The Dawn of Disk Formation in a Milky Way-sized Galaxy Halo: Thin Stellar Disks at $z \gtrsim 4$. <i>Astrophysical Journal</i> , 2022, 928, 106.	1.6	12
158	Hubble Space Telescope imaging of a radio-quiet galaxy at redshift $Z = 3.4$. <i>Astrophysical Journal</i> , 1995, 441, L13.	1.6	9
159	THE ADVANCED CAMERA FOR SURVEYS+WIDE FIELD CAMERA 3 SURVEY FOR LYMAN LIMIT SYSTEMS. I. THE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2011, 195, 16.	3.0	7
160	Starlight in the Universe. <i>Physica Scripta</i> , 2000, T85, 156-163.	1.2	4
161	GLAST and Dark Matter Substructure in the Milky Way. <i>AIP Conference Proceedings</i> , 2007, . .	0.3	4
162	Direct gravitational imaging of intermediate mass black holes in extragalactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2092-2098.	1.6	4

#	ARTICLE	IF	CITATIONS
163	The hydrodynamics of RELICT cosmological H II regions and the formation of objects at high redshift. <i>Astrophysical Journal</i> , 1991, 374, 6.	1.6	4
164	The impact of Ly α emission line heating and cooling on the cosmic dawn 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1920-1932.	1.6	4
165	Extragalactic Background Light, MACHOs, and the Cosmic Stellar Baryon Budget. <i>Symposium - International Astronomical Union</i> , 2001, 204, 359-372.	0.1	3
166	The Optical Extragalactic Background Light from Resolved Galaxies. <i>Symposium - International Astronomical Union</i> , 2001, 204, 71-85.	0.1	3
167	Trouble at first light. <i>Nature</i> , 2006, 440, 1002-1003.	13.7	3
168	Detecting primordial stars. <i>New Astronomy Reviews</i> , 2006, 50, 89-93.	5.2	3
169	Dark matter contribution to Galactic diffuse gamma ray emission. <i>Physical Review D</i> , 2014, 89, .	1.6	3
170	Fundamental Cosmological Observations and Data Interpretation. , 2009, , 7-201.		3
171	Re-ionization of the IGM " Massive Stars versus QSOs. <i>Symposium - International Astronomical Union</i> , 2003, 212, 687-695.	0.1	1
172	Modelling the Merging History of Binary SMBHs in Hierarchical Models of Galaxy Formation. , 2002, , 501-504.		1
173	Relic Cosmological Hii Regions and the Origin of the Lyman ? Forest. <i>Annals of the New York Academy of Sciences</i> , 1991, 647, 727-735.	1.8	0
174	The Intrinsic UV/Soft X-Ray Spectrum of Quasars. <i>International Astronomical Union Colloquium</i> , 1997, 163, 711-712.	0.1	0
175	The First Billion Years. <i>Progress of Theoretical Physics Supplement</i> , 2005, 158, 157-183.	0.2	0
176	Formation and early evolution of massive black holes. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 73-82.	0.0	0
177	Simulations of Recoiling Massive Black Holes. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 262-262.	0.0	0
178	Next Challenges. , 2009, , 429-501.		0
179	The Dawn of Galaxies. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 141-154.	0.3	0