

Piero Madau

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177
papers

25,319
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159
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180
ext. papers

27,247
ext. citations

5.6
avg, IF

7.37
L-index

#	Paper	IF	Citations
177	Cosmic Star-Formation History. <i>Annual Review of Astronomy and Astrophysics</i> , 2014 , 52, 415-486	31.7	1949
176	High-redshift galaxies in the Hubble Deep Field: colour selection and star formation history to $z \sim 4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996 , 283, 1388-1404	4.3	1596
175	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 35	8	1279
174	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 36	8	1257
173	Radiative Transfer in a Clumpy Universe. II. The Ultraviolet Extragalactic Background. <i>Astrophysical Journal</i> , 1996 , 461, 20	4.7	1226
172	The Star Formation History of Field Galaxies. <i>Astrophysical Journal</i> , 1998 , 498, 106-116	4.7	1029
171	Radiative transfer in a clumpy universe: The colors of high-redshift galaxies. <i>Astrophysical Journal</i> , 1995 , 441, 18	4.7	854
170	RADIATIVE TRANSFER IN A CLUMPY UNIVERSE. IV. NEW SYNTHESIS MODELS OF THE COSMIC UV/X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2012 , 746, 125	4.7	741
169	The Assembly and Merging History of Supermassive Black Holes in Hierarchical Models of Galaxy Formation. <i>Astrophysical Journal</i> , 2003 , 582, 559-573	4.7	695
168	Massive Black Holes as Population III Remnants. <i>Astrophysical Journal</i> , 2001 , 551, L27-L30	4.7	617
167	Radiative Transfer in a Clumpy Universe. III. The Nature of Cosmological Ionizing Sources. <i>Astrophysical Journal</i> , 1999 , 514, 648-659	4.7	564
166	21 Centimeter Tomography of the Intergalactic Medium at High Redshift. <i>Astrophysical Journal</i> , 1997 , 475, 429-444	4.7	521
165	A New Nonparametric Approach to Galaxy Morphological Classification. <i>Astronomical Journal</i> , 2004 , 128, 163-182	4.9	484
164	Formation and Evolution of Galaxy Dark Matter Halos and Their Substructure. <i>Astrophysical Journal</i> , 2007 , 667, 859-877	4.7	448
163	FORMING REALISTIC LATE-TYPE SPIRALS IN A Λ CDM UNIVERSE: THE ERIS SIMULATION. <i>Astrophysical Journal</i> , 2011 , 742, 76	4.7	369
162	Dark Matter Substructure and Gamma-Ray Annihilation in the Milky Way Halo. <i>Astrophysical Journal</i> , 2007 , 657, 262-270	4.7	342
161	The Size Evolution of High-Redshift Galaxies. <i>Astrophysical Journal</i> , 2004 , 600, L107-L110	4.7	304

160	Deep galaxy counts, extragalactic background light and the stellar baryon budget. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000 , 312, L9-L15	4.3	277
159	Compound Gravitational Lensing as a Probe of Dark Matter Substructure within Galaxy Halos. <i>Astrophysical Journal</i> , 2001 , 563, 9-20	4.7	270
158	Early Metal Enrichment of the Intergalactic Medium by Pregalactic Outflows. <i>Astrophysical Journal</i> , 2001 , 555, 92-105	4.7	268
157	On the Association of Gamma-Ray Bursts with Massive Stars: Implications for Number Counts and Lensing Statistics. <i>Astrophysical Journal</i> , 2001 , 548, 522-531	4.7	257
156	The Distribution and Cosmic Evolution of Massive Black Hole Spins. <i>Astrophysical Journal</i> , 2005 , 620, 69-77	4.7	249
155	COSMIC REIONIZATION AFTER PLANCK: COULD QUASARS DO IT ALL?. <i>Astrophysical Journal Letters</i> , 2015 , 813, L8	7.9	248
154	Evidence of patchy hydrogen reionization from an extreme Ly α trough below redshift six. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 3402-3419	4.3	242
153	A cosmic web filament revealed in Lyman- α emission around a luminous high-redshift quasar. <i>Nature</i> , 2014 , 506, 63-6	50.4	225
152	High-Redshift Supernova Rates. <i>Astrophysical Journal</i> , 2004 , 613, 189-199	4.7	200
151	Radio Signatures of High Redshift: Mapping the End of the Dark Ages. <i>Astrophysical Journal</i> , 2000 , 528, 597-606	4.7	197
150	Probing beyond the Epoch of Hydrogen Reionization with 21 Centimeter Radiation. <i>Astrophysical Journal</i> , 2003 , 596, 1-8	4.7	192
149	Early Metal Enrichment by Pregalactic Outflows. II. Three-dimensional Simulations of Blow-Away. <i>Astrophysical Journal</i> , 2002 , 571, 40-55	4.7	177
148	Redefining the Missing Satellites Problem. <i>Astrophysical Journal</i> , 2007 , 669, 676-683	4.7	172
147	Dark matter direct detection with non-Maxwellian velocity structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010 , 2010, 030-030	6.4	168
146	Low-Frequency Gravitational Radiation from Coalescing Massive Black Hole Binaries in Hierarchical Cosmologies. <i>Astrophysical Journal</i> , 2004 , 611, 623-632	4.7	165
145	The Rest-Frame Far-Ultraviolet Morphologies of Star-forming Galaxies at $z \sim 1.5$ and 4. <i>Astrophysical Journal</i> , 2006 , 636, 592-609	4.7	164
144	INSIDE OUT AND UPSIDE DOWN: TRACING THE ASSEMBLY OF A SIMULATED DISK GALAXY USING MONO-AGE STELLAR POPULATIONS. <i>Astrophysical Journal</i> , 2013 , 773, 43	4.7	163
143	On the evolution of the cosmic supernova rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 297, L17-L22	4.3	163

142	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 210, 14	8	159
141	THE CIRCUMGALACTIC MEDIUM OF MASSIVE GALAXIES AT $z \sim 3$: A TEST FOR STELLAR FEEDBACK, GALACTIC OUTFLOWS, AND COLD STREAMS. <i>Astrophysical Journal</i> , 2013 , 765, 89	4.7	152
140	SUPER-CRITICAL GROWTH OF MASSIVE BLACK HOLES FROM STELLAR-MASS SEEDS. <i>Astrophysical Journal Letters</i> , 2014 , 784, L38	7.9	149
139	Radiation Backgrounds at Cosmic Dawn: X-Rays from Compact Binaries. <i>Astrophysical Journal</i> , 2017 , 840, 39	4.7	147
138	The distribution and kinematics of early high- Γ 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	4.3	147
137	Dark Matter Subhalos and the Dwarf Satellites of the Milky Way. <i>Astrophysical Journal</i> , 2008 , 679, 1260-1271	4.7	145
136	Interaction of Massive Black Hole Binaries with Their Stellar Environment. I. Ejection of Hypervelocity Stars. <i>Astrophysical Journal</i> , 2006 , 651, 392-400	4.7	136
135	THE HISTORY OF R-PROCESS ENRICHMENT IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2015 , 807, 115	4.7	135
134	X-ray bumps, iron K-alpha lines, and X-ray suppression by obscuring tori in Seyfert galaxies. <i>Astrophysical Journal</i> , 1994 , 420, L57	4.7	134
133	The Dark Matter Annihilation Signal from Galactic Substructure: Predictions for GLAST. <i>Astrophysical Journal</i> , 2008 , 686, 262-278	4.7	132
132	Early Enrichment of the Intergalactic Medium and Its Feedback on Galaxy Formation. <i>Astrophysical Journal</i> , 2002 , 574, 590-598	4.7	128
131	Photon-conserving Radiative Transfer around Point Sources in Multidimensional Numerical Cosmology. <i>Astrophysical Journal</i> , 1999 , 523, 66-71	4.7	122
130	GeV gamma-ray attenuation and the high-redshift UV background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 399, 1694-1708	4.3	120
129	The Detectability of Pair-Production Supernovae at $z \sim 6$. <i>Astrophysical Journal</i> , 2005 , 633, 1031-1041	4.7	114
128	The Shapes, Orientation, and Alignment of Galactic Dark Matter Subhalos. <i>Astrophysical Journal</i> , 2007 , 671, 1135-1146	4.7	114
127	The Gravitational Wave Signal from Massive Black Hole Binaries and Its Contribution to the LISA Data Stream. <i>Astrophysical Journal</i> , 2005 , 623, 23-30	4.7	113
126	The Effect of Gravitational-Wave Recoil on the Demography of Massive Black Holes. <i>Astrophysical Journal</i> , 2004 , 606, L17-L20	4.7	111
125	Early Supersymmetric Cold Dark Matter Substructure. <i>Astrophysical Journal</i> , 2006 , 649, 1-13	4.7	110

124	The Fate of Supermassive Black Holes and the Evolution of the M BH - σ Relation in Merging Galaxies: The Effect of Gaseous Dissipation. <i>Astrophysical Journal</i> , 2005 , 623, L67-L70	4-7	110
123	A downturn in intergalactic C iv as redshift 6 is approached. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 1476-1490	4-3	107
122	ENHANCED TIDAL DISRUPTION RATES FROM MASSIVE BLACK HOLE BINARIES. <i>Astrophysical Journal</i> , 2009 , 697, L149-L152	4-7	105
121	THE BARYON CYCLE OF DWARF GALAXIES: DARK, BURSTY, GAS-RICH POLLUTERS. <i>Astrophysical Journal</i> , 2014 , 792, 99	4-7	103
120	BUILDING LATE-TYPE SPIRAL GALAXIES BY IN-SITU AND EX-SITU STAR FORMATION. <i>Astrophysical Journal</i> , 2015 , 799, 184	4-7	102
119	The Spin Temperature and 21 cm Brightness of the Intergalactic Medium in the Pre-Reionization era. <i>Astrophysical Journal</i> , 2006 , 637, L1-L4	4-7	102
118	The Earliest Luminous Sources and the Damping Wing of the Gunn-Peterson Trough. <i>Astrophysical Journal</i> , 2000 , 542, L69-L73	4-7	102
117	DWARF GALAXY FORMATION WITH H ₂ -REGULATED STAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 749, 36	4-7	102
116	The Hubble Deep Field South: Formulation of the Observing Campaign. <i>Astronomical Journal</i> , 2000 , 120, 2735-2746	4-9	101
115	The C iv Mass Density of the Universe at Redshift 5. <i>Astrophysical Journal</i> , 2003 , 594, 695-703	4-7	100
114	The first miniquasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 363, 1069-1082	4-3	95
113	TIDAL STELLAR DISRUPTIONS BY MASSIVE BLACK HOLE PAIRS. II. DECAYING BINARIES. <i>Astrophysical Journal</i> , 2011 , 729, 13	4-7	93
112	Photon Consumption in Minihalos during Cosmological Reionization. <i>Astrophysical Journal</i> , 2001 , 551, 599-607	4-7	91
111	DARK MATTER HEATING AND EARLY CORE FORMATION IN DWARF GALAXIES. <i>Astrophysical Journal Letters</i> , 2014 , 789, L17	7-9	90
110	Thick accretion disks around black holes and the UV/soft X-ray excess in quasars. <i>Astrophysical Journal</i> , 1988 , 327, 116	4-7	88
109	On the photoionization of the intergalactic medium by quasars at high redshift. <i>Astrophysical Journal</i> , 1993 , 412, 34	4-7	83
108	THE ORIGIN OF METALS IN THE CIRCUMGALACTIC MEDIUM OF MASSIVE GALAXIES AT $z=3$. <i>Astrophysical Journal</i> , 2012 , 760, 50	4-7	82
107	The Formation of Galaxy Stellar Cores by the Hierarchical Merging of Supermassive Black Holes. <i>Astrophysical Journal</i> , 2003 , 593, 661-666	4-7	82

106	Can we observe accreting, isolated neutron stars?. <i>Astrophysical Journal</i> , 1993 , 403, 690	4.7	81
105	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	4.3	74
104	THE PHOTON UNDERPRODUCTION CRISIS. <i>Astrophysical Journal Letters</i> , 2014 , 789, L32	7.9	73
103	Gravitational Lensing of Distant Supernovae in Cold Dark Matter Universes. <i>Astrophysical Journal</i> , 2000 , 532, 679-693	4.7	71
102	Enhanced momentum feedback from clustered supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2471-2488	4.3	70
101	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	4.3	70
100	CARBON-ENHANCED METAL-POOR STARS: RELICS FROM THE DARK AGES. <i>Astrophysical Journal</i> , 2014 , 791, 116	4.7	70
99	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	4.7	69
98	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	4.7	69
97	THEHST/ACS+WFC3 SURVEY FOR LYMAN LIMIT SYSTEMS. II. SCIENCE. <i>Astrophysical Journal</i> , 2013 , 765, 137	4.7	68
96	THE DISTRIBUTION OF DARK MATTER IN THE MILKY WAY'S DISK. <i>Astrophysical Journal</i> , 2014 , 784, 161	4.7	66
95	Lensing Constraints on the Cores of Massive Dark Matter Halos. <i>Astrophysical Journal</i> , 2001 , 549, L25-L28	4.7	66
94	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016 , 833, 202	4.7	62
93	Interaction of Massive Black Hole Binaries with Their Stellar Environment. III. Scattering of Bound Stars. <i>Astrophysical Journal</i> , 2008 , 686, 432-447	4.7	62
92	An Ionizing Ultraviolet Background Dominated by Massive Stars. <i>Astrophysical Journal</i> , 2001 , 549, L151-L154	4.54	62
91	PSEUDO BULGE FORMATION AS A DYNAMICAL RATHER THAN A SECULAR PROCESS. <i>Astrophysical Journal</i> , 2013 , 772, 36	4.7	60
90	The graininess of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 394, 641-649	4.59	60
89	Exploring dark matter with Milky Way substructure. <i>Science</i> , 2009 , 325, 970-3	33.3	60

88	Cosmic Metal Production and the Contribution of QSO Absorption Systems to the Ionizing Background. <i>Astrophysical Journal</i> , 1996 , 457, 551	4-7	60
87	The He II Lyman-alpha opacity of the universe. <i>Astrophysical Journal</i> , 1994 , 433, L53	4-7	59
86	Did Very Massive Stars Preenrich and Reionize the Universe?. <i>Astrophysical Journal</i> , 2001 , 562, L1-L4	4-7	58
85	EXCITATION OF COUPLED STELLAR MOTIONS IN THE GALACTIC DISK BY ORBITING SATELLITES. <i>Astrophysical Journal</i> , 2016 , 823, 4	4-7	57
84	Constraints on the Extragalactic Background Light from Gamma-Ray Observations of High-Redshift Quasars. <i>Astrophysical Journal</i> , 1996 , 456, 124	4-7	55
83	The contribution of quasars to the ultraviolet extragalactic background. <i>Astrophysical Journal</i> , 1992 , 389, L1	4-7	52
82	Hypervelocity stars and the environment of Sgr A*. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007 , 379, L45-L49	4-3	51
81	Probing the epoch of reionization with Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 1593-1602	4-3	50
80	ON THE ASSEMBLY OF THE MILKY WAY DWARF SATELLITES AND THEIR COMMON MASS SCALE. <i>Astrophysical Journal</i> , 2012 , 745, 142	4-7	49
79	Off-Nuclear AGNs as a Signature of Recoiling Massive Black Holes. <i>Astrophysical Journal</i> , 2008 , 687, L57-L60	4-7	47
78	Bar-driven evolution and quenching of spiral galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 3729-3740	4-3	46
77	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	4-3	46
76	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	4-3	45
75	Compton Heating of the Intergalactic Medium by the Hard X-Ray Background. <i>Astrophysical Journal</i> , 1999 , 517, L9-L12	4-7	45
74	Towards a unified description of the intergalactic medium at redshift $z \gtrsim 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 476-486	4-3	44
73	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	4-7	40
72	RECOILING MASSIVE BLACK HOLES IN GAS-RICH GALAXY MERGERS. <i>Astrophysical Journal</i> , 2011 , 729, 125	4-7	40
71	AN OFF-CENTER DENSITY PEAK IN THE MILKY WAY'S DARK MATTER HALO?. <i>Astrophysical Journal</i> , 2013 , 765, 10	4-7	39

70	Gravitational Lensing Statistics in Universes Dominated by Dark Energy. <i>Astrophysical Journal</i> , 2004 , 601, 104-119	4.7	38
69	A TIGHT, CENTRALLY CONCENTRATED MILKY WAY HALO?. <i>Astrophysical Journal Letters</i> , 2013 , 773, L32	7.9	36
68	The Origin of Intergalactic Metals around Lyman Break Galaxies. <i>Astrophysical Journal</i> , 2005 , 625, L43-L46	4.7	36
67	Evolution in the Colors of Lyman Break Galaxies from $z \sim 4$ to $z \sim 3$. <i>Astrophysical Journal</i> , 2004 , 600, L111-L114	4.7	35
66	Relativistic Winds from Compact Gamma-Ray Sources. I. Radiative Acceleration in the Klein-Nishina Regime. <i>Astrophysical Journal</i> , 2000 , 534, 239-247	4.7	35
65	Accreting, Isolated Neutron Stars. III. Preheating of Infalling Gas and Cometary H II Regions. <i>Astrophysical Journal</i> , 1995 , 454, 370	4.7	35
64	Constraints from the Hubble Deep Field on High-Redshift Quasar Models. <i>Astrophysical Journal</i> , 1999 , 514, 535-543	4.7	35
63	A measurement of the $z \sim 0$ UV background from H α fluorescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4802-4816	4.3	34
62	Constraints on Accreting, Isolated Neutron Stars from the ROSAT and EUVE Surveys. <i>Astrophysical Journal</i> , 1994 , 423, 748	4.7	34
61	Multimass spherical structure models for N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 1543-1556	4.3	33
60	Empirical Determination of Dark Matter Velocities Using Metal-Poor Stars. <i>Physical Review Letters</i> , 2018 , 120, 041102	7.4	32
59	Cosmic Reionization after Planck and before JWST: An Analytic Approach. <i>Astrophysical Journal</i> , 2017 , 851, 50	4.7	32
58	COLD DARK MATTER SUBSTRUCTURES IN EARLY-TYPE GALAXY HALOS. <i>Astrophysical Journal</i> , 2016 , 824, 144	4.7	31
57	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	4.7	30
56	He II ABSORPTION AND THE SAWTOOTH SPECTRUM OF THE COSMIC FAR-UV BACKGROUND. <i>Astrophysical Journal</i> , 2009 , 693, L100-L103	4.7	29
55	Self-absorbed active galactic nuclei and the cosmic X-ray background. <i>Astrophysical Journal</i> , 1993 , 410, L7	4.7	27
54	A POPULATION OF RELIC INTERMEDIATE-MASS BLACK HOLES IN THE HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2014 , 780, 187	4.7	25
53	Early preheating and galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 344, 835-846	4.3	25

52	CLUMPY DISKS AS A TESTBED FOR FEEDBACK-REGULATED GALAXY FORMATION. <i>Astrophysical Journal Letters</i> , 2016 , 830, L13	7.9	24
51	SIMULATING TIDAL STREAMS IN A HIGH-RESOLUTION DARK MATTER HALO. <i>Astrophysical Journal</i> , 2015 , 803, 75	4.7	23
50	FERMI-LAT SENSITIVITY TO DARK MATTER ANNIHILATION IN VIA LACTEA II SUBSTRUCTURE. <i>Astrophysical Journal</i> , 2010 , 718, 899-904	4.7	23
49	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	4.3	23
48	Constraints on early star formation from the 21-cm global signal. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 480, L43-L47	4.3	18
47	Young and turbulent: the early life of massive galaxy progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4080-4100	4.3	18
46	Compton Echoes from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2000 , 541, 712-719	4.7	18
45	DISPERSAL OF TIDAL DEBRIS IN A MILKY-WAY-SIZED DARK MATTER HALO. <i>Astrophysical Journal</i> , 2016 , 818, 194	4.7	17
44	QSO absorption systems and the origin of the ionizing background at high redshift. <i>Astrophysical Journal</i> , 1991 , 376, L33	4.7	17
43	The CGM and IGM at $z \sim 0$: metal budget and physical connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 4940-4959	4.3	17
42	Chemical enrichment of stars due to accretion from the ISM during the Galaxy's assembly. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 4012-4021	4.3	16
41	Global torques and stochasticity as the drivers of massive black hole pairing in the young Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 3601-3615	4.3	15
40	DDO 216-A1: A Central Globular Cluster in a Low-luminosity Transition-type Galaxy. <i>Astrophysical Journal</i> , 2017 , 837, 54	4.7	14
39	Globular Cluster Formation from Colliding Substructure. <i>Astrophysical Journal</i> , 2020 , 890, 18	4.7	13
38	Modelling the merging history of Binary SMBHs in Hierarchical Models of Galaxy Formation. <i>Astrophysics and Space Science</i> , 2002 , 281, 501-504	1.6	13
37	A strategy for finding gravitationally lensed distant supernovae		13
36	SIGNATURES OF KINEMATIC SUBSTRUCTURE IN THE GALACTIC STELLAR HALO. <i>Astrophysical Journal</i> , 2015 , 807, 14	4.7	12
35	REVERSAL OF FORTUNE: INCREASED STAR FORMATION EFFICIENCIES IN THE EARLY HISTORIES OF DWARF GALAXIES?. <i>Astrophysical Journal Letters</i> , 2014 , 790, L17	7.9	12

34	Cosmological reionization. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000 , 358, 2021-2033	3	12
33	The detection of intergalactic H α emission from the Slug Nebula at $z \sim 2.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2094-2108	4-3	12
32	The Complementary Roles of Feedback and Mergers in Building the Gaseous Halo and the X-Ray Corona of Milky-Way-sized Galaxies. <i>Astrophysical Journal</i> , 2018 , 867, 73	4-7	12
31	Constraining the Tail End of Reionization Using Ly α Transmission Spikes. <i>Astrophysical Journal</i> , 2019 , 876, 31	4-7	11
30	The comoving mass density of Mg ii from $z \sim 12$ to 5.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 1023-1051	4-3	11
29	A galaxy as the source of a C iv absorption system close to the epoch of reionization?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 820-827	4-3	11
28	Compton Echoes from Gamma-Ray Bursts: Unveiling Misaligned Jets in Nearby Type Ib/c Supernovae. <i>Astrophysical Journal</i> , 2004 , 608, L89-L92	4-7	11
27	Hubble Space Telescope imaging of a radio-quiet galaxy at redshift $Z = 3.4$. <i>Astrophysical Journal</i> , 1995 , 441, L13	4-7	8
26	Around the Way: Testing Λ CDM with Milky Way Stellar Stream Constraints. <i>Astrophysical Journal</i> , 2018 , 858, 73	4-7	8
25	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	8	7
24	Momentum injection by clustered supernovae: testing subgrid feedback prescriptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1243-1256	4-3	5
23	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. <i>Astrophysical Journal</i> , 2022 , 926, 194	4-7	5
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