Joel R Primack

List of Publications by Year
in descending order

161 papers	22,005 citations	15466 65 h-index	9553 142 g-index
163 all docs	163 docs citations	163 times ranked	8139 citing authors

#	Article	IF	Citations
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	3.0	1,590
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€"THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	3.0	1,549
3	Formation of galaxies and large-scale structure with cold dark matter. Nature, 1984, 311, 517-525.	13.7	1,247
4	Concentrations of Dark Halos from Their Assembly Histories. Astrophysical Journal, 2002, 568, 52-70.	1.6	953
5	Semi-analytic modelling of galaxy formation: the local Universe. Monthly Notices of the Royal Astronomical Society, 1999, 310, 1087-1110.	1.6	862
6	DARK MATTER HALOS IN THE STANDARD COSMOLOGICAL MODEL: RESULTS FROM THE BOLSHOI SIMULATION. Astrophysical Journal, 2011, 740, 102.	1.6	747
7	The Dark Side of the Halo Occupation Distribution. Astrophysical Journal, 2004, 609, 35-49.	1.6	744
8	Observational and theoretical constraints on singular dark matter halos. Astrophysical Journal, 1994, 427, L1.	1.6	709
9	A New Nonparametric Approach to Galaxy Morphological Classification. Astronomical Journal, 2004, 128, 163-182.	1.9	595
10	Dynamical effects of the cosmological constant. Monthly Notices of the Royal Astronomical Society, 1991, 251, 128-136.	1.6	574
11	Supersymmetry, Cosmology, and New Physics at Teraelectronvolt Energies. Physical Review Letters, 1982, 48, 223-226.	2.9	539
12	Halo concentrations in the standard Î› cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3018-3030.	1.6	518
13	GRAVITATIONALLY CONSISTENT HALO CATALOGS AND MERGER TREES FOR PRECISION COSMOLOGY. Astrophysical Journal, 2013, 763, 18.	1.6	450
14	Compaction and quenching of high-z galaxies in cosmological simulations: blue and red nuggets. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2327-2353.	1.6	392
15	The effect of galaxy mass ratio on merger-driven starbursts. Monthly Notices of the Royal Astronomical Society, 2008, 384, 386-409.	1.6	388
16	Resolving the Structure of Cold Dark Matter Halos. Astrophysical Journal, 2001, 554, 903-915.	1.6	384
17	CANDELS: THE PROGENITORS OF COMPACT QUIESCENT GALAXIES ATzâ¼ 2. Astrophysical Journal, 2013, 765, 104.	1.6	367
18	THE MAJOR AND MINOR GALAXY MERGER RATES ATz< 1.5. Astrophysical Journal, 2011, 742, 103.	1.6	351

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19	Semi-analytic modelling of the extragalactic background light and consequences for extragalactic gamma-ray spectra. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3189-3207.	1.6	342
20	Galaxy merger morphologies and time-scales from simulations of equal-mass gas-rich disc mergers. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1137-1162.	1.6	329
21	The Origin of Angular Momentum in Dark Matter Halos. Astrophysical Journal, 2002, 581, 799-809.	1.6	290
22	Feedback in simulations of disc-galaxy major mergers. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1013-1038.	1.6	269
23	BULGE GROWTH AND QUENCHING SINCEz= 2.5 IN CANDELS/3D-HST. Astrophysical Journal, 2014, 788, 11.	1.6	244
24	GALAXIES IN Î›CDM WITH HALO ABUNDANCE MATCHING: LUMINOSITY-VELOCITY RELATION, BARYONIC MASS-VELOCITY RELATION, VELOCITY FUNCTION, AND CLUSTERING. Astrophysical Journal, 2011, 742, 16.	1.6	240
25	Four phases of angular-momentum buildup in high-z galaxies: from cosmic-web streams through an extended ring to disc and bulge. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2087-2111.	1.6	221
26	Galaxy properties from the ultraviolet to the far-infrared: Î› cold dark matter models confront observations. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1992-2015.	1.6	198
27	Evolution of density profiles in high-zgalaxies: compaction and quenching inside-out. Monthly Notices of the Royal Astronomical Society, 2016, 458, 242-263.	1.6	191
28	Cold+Hot Dark Matter Cosmology withm(Î½Î¼)â‰ˆm(Î½Ï„)â‰ˆ2.4eV. Physical Review Letters, 1995, 74, 2160-2163.	1.6	188
29	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	3.0	185
30	Structural and Star-forming Relations since zÂâˆ¼Â3: Connecting Compact Star-forming and Quiescent Galaxies. Astrophysical Journal, 2017, 840, 47.	1.6	180
31	CLUMPY GALAXIES IN CANDELS. I. THE DEFINITION OF UV CLUMPS AND THE FRACTION OF CLUMPY GALAXIES AT 0.5 <<i>z</i>< 3. Astrophysical Journal, 2015, 800, 39.	1.6	172
32	Structure Formation with Cold plus Hot Dark Matter. Astrophysical Journal, 1993, 416, 1.	1.6	171
33	Flat-cored Dark Matter in Cuspy Clusters of Galaxies. Astrophysical Journal, 2004, 607, L75-L78.	1.6	168
34	Halo and subhalo demographics with Planck cosmological parameters: Bolshoiâ€“Planck and MultiDarkâ€“Planck simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 893-916.	1.6	168
35	THE EPOCH OF DISK SETTLING:zâˆ¼ 1 TO NOW. Astrophysical Journal, 2012, 758, 106.	1.6	167
36	Constraining the galaxyâ€“halo connection over the last 13.3ÂGyr: star formation histories, galaxy mergers and structural properties. Monthly Notices of the Royal Astronomical Society, 2017, 470, 651-687.	1.6	166

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37	Radiative feedback and the low efficiency of galaxy formation in low-mass haloes at high redshift. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1545-1559.	1.6	165
38	The effect of gas fraction on the morphology and time-scales of disc galaxy mergers. Monthly Notices of the Royal Astronomical Society, 0, 404, 590-603.	1.6	153
39	GeV gamma-ray attenuation and the high-redshift UV background. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1694-1708.	1.6	131
40	Rotational support of giant clumps in high-z disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 420, 3490-3520.	1.6	128
41	Non-Gaussian fluctuations and primordial black holes from inflation. Physical Review D, 1997, 55, 7423-7439.	1.6	127
42	Dark Matter Profile in the Galactic Center. Physical Review Letters, 2004, 93, 061302.	2.9	125
43	SUB-KILOPARSEC ALMA IMAGING OF COMPACT STAR-FORMING GALAXIES AT zÂâˆ¼Â2.5: REVEALING THE FORMATION OF DENSE GALACTIC CORES IN THE PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal Letters, 2016, 827, L32.	3.0	119
44	The population of giant clumps in simulated high-z galaxies: in situ and ex situ migration and survival. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3675-3702.	1.6	114
45	Cold dark matter variant cosmological models â€" I. Simulations and preliminary comparisons. Monthly Notices of the Royal Astronomical Society, 1998, 301, 81-94.	1.6	101
46	Rotation curves from baryonic infall - Dependence on disk-to-halo ratio, initial angular momentum, and core radius, and comparison with data. Astrophysical Journal, 1993, 412, 443.	1.6	101
47	Giant clumps in simulated high-zGalaxies: properties, evolution and dependence on feedback. Monthly Notices of the Royal Astronomical Society, 2017, 464, 635-665.	1.6	100
48	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 79.	1.6	99
49	Galaxy formation by dissipationless particles heavier than neutrinos. Nature, 1982, 299, 37-38.	13.7	98
50	Generating Hot Gas in Simulations of Disk-Galaxy Major Mergers. Astrophysical Journal, 2004, 607, L87-L90.	1.6	95
51	SEMI-ANALYTIC MODELS FOR THE CANDELS SURVEY: COMPARISON OF PREDICTIONS FOR INTRINSIC GALAXY PROPERTIES. Astrophysical Journal, 2014, 795, 123.	1.6	91
52	zÂâˆ¼Â2: An Epoch of Disk Assembly. Astrophysical Journal, 2017, 843, 46.	1.6	89
53	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	1.6	88
54	The relationship between galaxy and dark matter halo size from zÂâˆ¼Â3 to the present. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2714-2736.	1.6	86

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55	Nonstandard primordial fluctuations from a polynomial inflation potential. Nuclear Physics B, 1990, 335, 197-220.	0.9	84
56	Early formation of massive, compact, spheroidal galaxies with classical profiles by violent disc instability or mergers. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3291-3310.	1.6	81
57	Is main-sequence galaxy star formation controlled by halo mass accretion?. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2592-2606.	1.6	81
58	Demographics of Star-forming Galaxies since zÂâˆ¼Â2.5. I. The UVJ Diagram in CANDELS. Astrophysical Journal, 2018, 858, 100.	1.6	79
59	Non-linear violent disc instability with high Toomre'sQin high-redshift clumpy disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2052-2069.	1.6	77
60	Is the dark-matter halo spin a predictor of galaxy spin and size?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4801-4815.	1.6	77
61	Damped lyman-alpha systems versus cold + hot dark matter. Astrophysical Journal, 1995, 444, 1.	1.6	74
62	CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at zÂâˆ¼Â2. Astrophysical Journal, 2017, 846, 112.	1.6	72
63	Clumpy Galaxies in CANDELS. II. Physical Properties of UV-bright Clumps at 0.5Ââ‰ÂzÂ<Â3. Astrophysical Journal, 2018, 853, 108.	1.6	71
64	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES ATzâ‰³ 2: HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal, 2014, 795, 145.	1.6	70
65	Deep Learning Identifies High-z Galaxies in a Central Blue Nugget Phase in a Characteristic Mass Range. Astrophysical Journal, 2018, 858, 114.	1.6	70
66	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. Astrophysical Journal, 2020, 897, 102.	1.6	66
67	EVOLUTION OF INTRINSIC SCATTER IN THE SFRâ€“STELLAR MASS CORRELATION AT 0.5 < z < 3. Astrophysical Journal Letters, 2016, 820, L1.	3.0	65
68	Cluster correlations for cold + hot dark matter and other models. Astrophysical Journal, 1993, 405, 428.	1.6	64
69	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2054-2084.	1.6	63
70	Observational Gamma-ray Cosmology. AIP Conference Proceedings, 2005, , .	0.3	62
71	Gas inflow and metallicity drops in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2605-2612.	1.6	62
72	Quenching and morphological transformation in semi-analytic models and CANDELS. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2933-2956.	1.6	59

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73	Low-mass galaxy assembly in simulations: regulation of early star formation by radiation from massive stars. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1140-1162.	1.6	58
74	Diverse structural evolution atzÂ>Â1 in cosmologically simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4290-4310.	1.6	54
75	Star formation and clumps in cosmological galaxy simulations with radiation pressure feedback. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1389-1399.	1.6	51
76	Distinguishing Mergers and Disks in High-redshift Observations of Galaxy Kinematics. Astrophysical Journal, 2019, 874, 59.	1.6	47
77	Evolution of galaxy shapes from prolate to oblate through compaction events. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4477-4497.	1.6	46
78	Formation of elongated galaxies with low masses at high redshift. Monthly Notices of the Royal Astronomical Society, 2015, 453, 408-413.	1.6	45
79	Ultraviolet luminosity density of the universe during the epoch of reionization. Nature Communications, 2015, 6, 7945.	5.8	44
80	Properties of dark matter haloes as a function of local environment density. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3834-3858.	1.6	44
81	The evolution of galaxy shapes in CANDELS: from prolate to discy. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5170-5191.	1.6	44
82	Do experiments and astrophysical considerations suggest an inverted neutrino mass hierarchy?. Physical Review D, 1995, 52, 1288-1291.	1.6	43
83	Cosmology: small-scale issues. New Journal of Physics, 2009, 11, 105029.	1.2	43
84	An observational determination of the evolving extragalactic background light from the multiwavelength HST/CANDELS survey in the Fermi and CTA era. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5144-5160.	1.6	42
85	Simulating multiple merger pathways to the central kinematics of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1475-1485.	1.6	41
86	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2017, 465, 619-640.	1.6	41
87	Small-Scale Power Spectrum and Correlations in Lambda + Cold Dark Matter Models. Astrophysical Journal, 1996, 466, 13.	1.6	40
88	CAUGHT IN THE ACT: GAS AND STELLAR VELOCITY DISPERSIONS IN A FAST QUENCHING COMPACT STAR-FORMING GALAXY AT zÂâˆ¼Â1.7. Astrophysical Journal, 2016, 820, 120.	1.6	39
89	A mass threshold for galactic gas discs by spin flips. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4126-4142.	1.6	39
90	Beyond spheroids and discs: classifications of CANDELS galaxy structure at 1.4 <<i>z</i>< 2 via principal component analysis. Monthly Notices of the Royal Astronomical Society, 2016, 458, 963-987.	1.6	38

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91	A deep learning approach to test the small-scale galaxy morphology and its relationship with star formation activity in hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4359-4382.	1.6	38
92	EVOLUTION OF THE STELLAR MASS TULLY-FISHER RELATION IN DISK GALAXY MERGER SIMULATIONS. Astrophysical Journal, 2010, 710, 279-288.	1.6	36
93	Accelerating dust temperature calculations with graphics-processing units. New Astronomy, 2010, 15, 509-514.	0.8	36
94	Mock light-cones and theory friendly catalogues for the CANDELS survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4858-4876.	1.6	35
95	Multi-filament gas inflows fuelling young star-forming galaxies. Nature Astronomy, 2019, 3, 822-831.	4.2	34
96	Strings, texture, and inflation. Physical Review D, 1991, 43, 3155-3172.	1.6	33
97	Cold + Hot and Cold Dark Matter Cosmologies: Analysis of Numerical Simulations. Astrophysical Journal, 1997, 474, 533-552.	1.6	33
98	Dust attenuation in hydrodynamic simulations of spiral galaxies. Monthly Notices of the Royal Astronomical Society, 0, 383, 1281-1291.	1.6	33
99	The formation of bulges, discs and two-component galaxies in the CANDELS Survey atzÂ<Â3. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2728-2746.	1.6	33
100	Inclination Effects in Spiral Galaxy Gravitational Lensing. Astrophysical Journal, 1997, 486, 681-686.	1.6	32
101	Clustering and halo abundances in early dark energy cosmological models. Monthly Notices of the Royal Astronomical Society, 2021, 504, 769-781.	1.6	31
102	STELLAR MASSâ€“GAS-PHASE METALLICITY RELATION AT 0.5 â‰ÂzÂâ‰ 0.7: A POWER LAW WITH INCREASING SCATTER TOWARD THE LOW-MASS REGIME. Astrophysical Journal, 2016, 822, 103.	1.6	29
103	Origin of star-forming rings around massive centres in massive galaxies at z < 4. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5372-5398.	1.6	29
104	Precision cosmology. New Astronomy Reviews, 2005, 49, 25-34.	5.2	28
105	Stellar masses of giant clumps in CANDELS and simulated galaxies using machine learning. Monthly Notices of the Royal Astronomical Society, 2020, 499, 814-835.	1.6	27
106	Sizes of voids as a test for dark matter models. Astrophysical Journal, 1994, 437, L71.	1.6	26
107	Cluster Cores, Gravitational Lensing, and Cosmology. Astrophysical Journal, 1996, 457, .	1.6	25
108	Does the galaxyâ€“halo connection vary with environment?. Monthly Notices of the Royal Astronomical Society, 2018, 476, 741-758.	1.6	25

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109	Very large scale structure in an open cosmology of cold dark matter and baryons. Astrophysical Journal, 1988, 326, 539.	1.6	25
110	Galaxy groups in cold + hot dark matter and cold dark matter universes: Comparison with CfA data. Astrophysical Journal, 1994, 422, L45.	1.6	25
111	Velocities of warm galactic outflows from synthetic HÎ± observations of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2731-2743.	1.6	24
112	Formation and settling of a disc galaxy during the last 8 billion years in a cosmological simulation. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2664-2672.	1.6	23
113	Structural and stellar-population properties versus bulge types in Sloan Digital Sky Survey central galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1686-1707.	1.6	23
114	Dark matter halo properties versus local density and cosmic web location. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2101-2122.	1.6	22
115	Galaxy Groups, CDM/CHDM Cosmologies, and the Value of Î©0. Astrophysical Journal, 1997, 480, 43-58.	1.6	20
116	Photon mass at low temperature?. Nature, 1980, 288, 680-681.	13.7	19
117	The shape of galaxy cluster dark matter haloes: systematics of its imprint on cluster gas and comparison to observations. Monthly Notices of the Royal Astronomical Society, 2007, 377, 883-896.	1.6	19
118	Precision Cosmology: Successes and Challenges. Nuclear Physics, Section B, Proceedings Supplements, 2007, 173, 1-5.	0.5	16
119	Understanding Large-scale Structure in the SSA22 Protocluster Region Using Cosmological Simulations^{â^—}. Astrophysical Journal, 2018, 852, 134.	1.6	16
120	Statistical Tests for CHDM and Î›CDM Cosmologies. Astrophysical Journal, 1997, 479, 580-591.	1.6	16
121	Oâ€‰<scp>vi</scp> traces photoionized streams with collisionally ionized boundaries in cosmological simulations of z â^¼ 1 massive galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4948-4967.	1.6	16
122	The structural properties of classical bulges and discs from z â^¼ 2. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4135-4154.	1.6	14
123	The Activation of Galactic Nuclei and Their Accretion Rates Are Linked to the Star Formation Rates and Bulge-types of Their Host Galaxies. Astrophysical Journal, 2020, 889, 14.	1.6	14
124	Can intrinsic alignments of elongated low-mass galaxies be used to map the cosmic web at high redshift?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5580-5593.	1.6	13
125	Evaluating galaxy dynamical masses from kinematics and jeans equilibrium in simulations. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5238-5253.	1.6	13
126	Radiogenic Heating and Its Influence on Rocky Planet Dynamos and Habitability. Astrophysical Journal Letters, 2020, 903, L37.	3.0	13

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127	Clump survival and migration in VDI galaxies: an analytical model versus simulations and observations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 316-340.	1.6	13
128	Studying the physical properties of tidal features â€“ I. Extracting morphological substructure in CANDELS observations and VELA simulations. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2643-2659.	1.6	12
129	The AGORA High-resolution Galaxy Simulations Comparison Project. III. Cosmological Zoom-in Simulation of a Milky Wayâ€“mass Halo. Astrophysical Journal, 2021, 917, 64.	1.6	12
130	Tidal stripping and post-merger relaxation of dark matter haloes: causes and consequences of mass-loss. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4038-4057.	1.6	11
131	High-redshift Galaxy Formation with Self-consistently Modeled Stars and Massive Black Holes: Stellar Feedback and Quasar Growth. Astrophysical Journal, 2019, 887, 120.	1.6	11
132	The nature of giant clumps in high-z discs: a deep-learning comparison of simulations and observations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 730-746.	1.6	11
133	CANDELS Meets GSWLC: Evolution of the Relationship between Morphology and Star Formation Since zÂ=Â2. Astrophysical Journal, 2020, 902, 77.	1.6	11
134	Core formation in high-z massive haloes: heating by post-compaction satellites and response to AGN outflows. Monthly Notices of the Royal Astronomical Society, 2021, 508, 999-1019.	1.6	10
135	Visualization of Cold + Hot and Cold Dark Matter Cosmologies versus CfA1 Data. Astrophysical Journal, 1998, 495, 1-8.	1.6	9
136	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. Astrophysical Journal, 2020, 899, 93.	1.6	8
137	Extragalactic Background Light and Gamma-Ray Attenuation. , 2011, , .		7
138	Growth of Perturbations between Horizon Crossing and Matter Dominance: Implications for Galaxy Formation. Astrophysics and Space Science Library, 1984, , 435-440.	1.0	7
139	What is the Dark Matter? Implications for Galaxy Formation and Particle Physics. , 1984, , 163-183.		7
140	Significant cluster correlations at 30/h MPC - Can standard models be ruled out?. Astrophysical Journal, 1993, 408, 17.	1.6	6
141	Cosmology: Small Scale Issues. , 2009, , .		5
142	Hot Dark Matter in Cosmology. , 2001, , 287-308.		5
143	Detection of space reactors by their gammaâ€ray and positron emissions. Science and Global Security, 1989, 1, 129-146.	0.1	4
144	Dark Matter and Galaxy Formation. , 2009, , .		4

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145	The Star-forming Main Sequence and the Contribution of Dust-obscured Star Formation since zÂâˆ¼Â4 from the Far-UV+IR Luminosity Functions. Astrophysical Journal, 2020, 905, 171.	1.6	4
146	Absence of thermal effects on photon mass measurements. Nature, 1982, 299, 187-187.	13.7	3
147	The Origin and Distribution of Angular Momentum in Galaxies. Symposium - International Astronomical Union, 2004, 220, 467-476.	0.1	3
148	Hidden Growth of Supermassive Black Holes in Galaxy Mergers. Science, 2010, 328, 576-578.	6.0	3
149	Cosmological Parameters. , 2001, , 3-17.		3
150	Making damped Lyman-Î± systems in semi-analytic models. , 1999, , .		2
151	Status of Cosmological Parameters. , 1998, , 469-516.		1
152	STATUS OF COSMOLOGICAL PARAMETERS. , 1998, , .		1
153	Cosmological implications of Lyman-break galaxy clustering. , 1999, , .		0
154	Cosmic Questions. Annals of the New York Academy of Sciences, 2001, 950, 1-16.	1.8	0
155	Summary talk: How serious are the problems faced by CDM: cusps, thin disks, and halo substructure. Symposium - International Astronomical Union, 2004, 220, 53-59.	0.1	0
156	Gamma-ray Spectra and the Extragalactic Background Light. Journal of Physics: Conference Series, 2012, 355, 012026.	0.3	0
157	COLD DARK MATTER COSMOLOGY: STATUS AND OPEN QUESTIONS. , 2001, , .		0
158	Discussion Panel. , 1988, , 479-481.		0
159	Protecting the Space Environment for Astronomy. , 1994, , 71-76.		0
160	Supersymmetry and Cosmology. , 1983, , 607-619.		0
161	Indirectly Measuring Stellar Velocity Dispersions in High-redshift Disk Galaxies. Research Notes of the AAS, 2020, 4, 203.	0.3	0