Philip F Hopkins

List of Publications by Year
in descending order

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272 papers	32,813 citations	3531 90 h-index	4228 174 g-index
275 all docs	275 docs citations	275 times ranked	9140 citing authors

#	Article	IF	Citations
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	7.7	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.	7.7	1,549
3	A Unified, Mergerâ€driven Model of the Origin of Starbursts, Quasars, the Cosmic Xâ€Ray Background, Supermassive Black Holes, and Galaxy Spheroids. Astrophysical Journal, Supplement Series, 2006, 163, 1-49.	7.7	1,484
4	A Cosmological Framework for the Coâ€evolution of Quasars, Supermassive Black Holes, and Elliptical Galaxies. I. Galaxy Mergers and Quasar Activity. Astrophysical Journal, Supplement Series, 2008, 175, 356-389.	7.7	1,154
5	Galaxies on FIRE (Feedback In Realistic Environments): stellar feedback explains cosmologically inefficient star formation. Monthly Notices of the Royal Astronomical Society, 2014, 445, 581-603.	4.4	1,068
6	A semi-analytic model for the co-evolution of galaxies, black holes and active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2008, 391, 481-506.	4.4	921
7	An Observational Determination of the Bolometric Quasar Luminosity Function. Astrophysical Journal, 2007, 654, 731-753.	4.5	883
8	A new class of accurate, mesh-free hydrodynamic simulation methods. Monthly Notices of the Royal Astronomical Society, 2015, 450, 53-110.	4.4	743
9	FIRE-2 simulations: physics versus numerics in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 800-863.	4.4	676
10	Black Holes in Galaxy Mergers: Evolution of Quasars. Astrophysical Journal, 2005, 630, 705-715.	4.5	497
11	Gusty, gaseous flows of FIRE: galactic winds in cosmological simulations with explicit stellar feedback. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2691-2713.	4.4	478
12	HOW DO DISKS SURVIVE MERGERS?. Astrophysical Journal, 2009, 691, 1168-1201.	4.5	446
13	RECONCILING DWARF GALAXIES WITH Î›CDM COSMOLOGY: SIMULATING A REALISTIC POPULATION OF SATELLITES AROUND A MILKY WAYâ€"MASS GALAXY. Astrophysical Journal Letters, 2016, 827, L23.	8.3	430
14	Stellar feedback in galaxies and the origin of galaxy-scale winds. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3522-3537.	4.4	425
15	How do massive black holes get their gas?. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1529-1564.	4.4	415
16	Quasar feedback: more bang for your buck. Monthly Notices of the Royal Astronomical Society, 2010, 401, 7-14.	4.4	397
17	Self-regulated star formation in galaxies via momentum input from massive stars. Monthly Notices of the Royal Astronomical Society, 2011, 417, 950-973.	4.4	389
18	A general class of Lagrangian smoothed particle hydrodynamics methods and implications for fluid mixing problems. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2840-2856.	4.4	367

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19	MERGERS AND BULGE FORMATION IN Î›CDM: WHICH MERGERS MATTER?. Astrophysical Journal, 2010, 715, 202-229.	4.5	344
20	A Cosmological Framework for the Coâ€evolution of Quasars, Supermassive Black Holes, and Elliptical Galaxies. II. Formation of Red Ellipticals. Astrophysical Journal, Supplement Series, 2008, 175, 390-422.	7.7	318
21	A Physical Model for the Origin of Quasar Lifetimes. Astrophysical Journal, 2005, 625, L71-L74.	4.5	316
22	The origin and evolution of the galaxy massâ€“metallicity relation. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2140-2156.	4.4	307
23	Forged in fire: cusps, cores and baryons in low-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2092-2106.	4.4	291
24	The cosmic baryon cycle and galaxy mass assembly in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4698-4719.	4.4	289
25	The impact of baryonic physics on the structure of dark matter haloes: the view from the FIRE cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2981-3001.	4.4	260
26	Formation ofzâˆ¼6 Quasars from Hierarchical Galaxy Mergers. Astrophysical Journal, 2007, 665, 187-208.	4.5	253
27	The structure of the interstellar medium of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3488-3521.	4.4	248
28	mufasa: galaxy formation simulations with meshless hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3265-3284.	4.4	243
29	Not so lumpy after all: modelling the depletion of dark matter subhaloes by Milky Way-like galaxiesÂ. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1709-1727.	4.4	242
30	Fueling Lowâ€Level AGN Activity through Stochastic Accretion of Cold Gas. Astrophysical Journal, Supplement Series, 2006, 166, 1-36.	7.7	233
31	DISSIPATION AND EXTRA LIGHT IN GALACTIC NUCLEI. IV. EVOLUTION IN THE SCALING RELATIONS OF SPHEROIDS. Astrophysical Journal, 2009, 691, 1424-1458.	4.5	219
32	Compact high-redshift galaxies are the cores of the most massive present-day spheroids. Monthly Notices of the Royal Astronomical Society, 2009, 398, 898-910.	4.4	216
33	Star formation in galaxy mergers with realistic models of stellar feedback and the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1901-1927.	4.4	208
34	BREATHING FIRE: HOW STELLAR FEEDBACK DRIVES RADIAL MIGRATION, RAPID SIZE FLUCTUATIONS, AND POPULATION GRADIENTS IN LOW-MASS GALAXIES. Astrophysical Journal, 2016, 820, 131.	4.5	205
35	An analytic model of angular momentum transport by gravitational torques: from galaxies to massive black holes. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1027-1050.	4.4	199
36	Discriminating between the physical processes that drive spheroid size evolution. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1099-1117.	4.4	190

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37	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	7.7	185
38	MERGERS IN Î›CDM: UNCERTAINTIES IN THEORETICAL PREDICTIONS AND INTERPRETATIONS OF THE MERGER RATE. Astrophysical Journal, 2010, 724, 915-945.	4.5	183
39	Black holes on FIRE: stellar feedback limits early feeding of galactic nuclei. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L109-L114.	3.3	176
40	fire in the field: simulating the threshold of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3547-3562.	4.4	173
41	The effects of gas on morphological transformation in mergers: implications for bulge and disc demographics. Monthly Notices of the Royal Astronomical Society, 2009, 397, 802-814.	4.4	169
42	(Star)bursts of FIRE: observational signatures of bursty star formation in galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 88-104.	4.4	169
43	Submillimetre galaxies in a hierarchical universe: number counts, redshift distribution and implications for the IMF. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2529-2547.	4.4	165
44	Gravitational torque-driven black hole growth and feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2840-2853.	4.4	162
45	An Observed Fundamental Plane Relation for Supermassive Black Holes. Astrophysical Journal, 2007, 669, 67-73.	4.5	155
46	The formation of submillimetre-bright galaxies from gas infall over a billion years. Nature, 2015, 525, 496-499.	27.8	154
47	Feedback-regulated star formation in molecular clouds and galactic discs. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1970-1990.	4.4	152
48	How stellar feedback simultaneously regulates star formation and drives outflows. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1682-1698.	4.4	151
49	The bolometric quasar luminosity function at zÂ= 0â€“7. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3252-3275.	4.4	150
50	A Theoretical Interpretation of the Black Hole Fundamental Plane. Astrophysical Journal, 2007, 669, 45-66.	4.5	149
51	Galactic r-process enrichment by neutron star mergers in cosmological simulations of a Milky Way-mass galaxy. Monthly Notices of the Royal Astronomical Society, 2015, 447, 140-148.	4.4	148
52	The stellar initial mass function, core mass function and the last-crossing distribution. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2037-2044.	4.4	147
53	The meaning and consequences of star formation criteria in galaxy models with resolved stellar feedback. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2647-2653.	4.4	147
54	Determining the Properties and Evolution of Red Galaxies from the Quasar Luminosity Function. Astrophysical Journal, Supplement Series, 2006, 163, 50-79.	7.7	145

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55	Stellar and quasar feedback in concert: effects on AGN accretion, obscuration, and outflows. Monthly Notices of the Royal Astronomical Society, 2016, 458, 816-831.	4.4	143
56	Gaia Reveals a Metal-rich, in situ Component of the Local Stellar Halo. Astrophysical Journal, 2017, 845, 101.	4.5	142
57	How to model supernovae in simulations of star and galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1578-1603.	4.4	140
58	Neutral hydrogen in galaxy haloes at the peak of the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2015, 449, 987-1003.	4.4	139
59	Be it therefore resolved: cosmological simulations of dwarf galaxies with 30 solar mass resolution. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4447-4463.	4.4	139
60	The Local Group on FIRE: dwarf galaxy populations across a suite of hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1380-1399.	4.4	137
61	ON SIZES, KINEMATICS,M/LGRADIENTS, AND LIGHT PROFILES OF MASSIVE COMPACT GALAXIES ATzâ^¼ 2. Astrophysical Journal, 2010, 722, 1666-1684.	4.5	135
62	A physical model for zâ^¼ 2 dust-obscured galaxiesâ^…. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1701-1720.	4.4	134
63	Morphologies of zÂâ^¼Â0.7 AGN host galaxies in CANDELS: no trend of merger incidence with AGN luminosity. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3342-3356.	4.4	132
64	The origins of the circumgalactic medium in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1248-1272.	4.4	132
65	Gas kinematics, morphology and angular momentum in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1930-1955.	4.4	131
66	A general theory of turbulent fragmentation. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1653-1693.	4.4	130
67	The Impact of Enhanced Halo Resolution on the Simulated Circumgalactic Medium. Astrophysical Journal, 2019, 882, 156.	4.5	128
68	QUASARS ARE NOT LIGHT BULBS: TESTING MODELS OF QUASAR LIFETIMES WITH THE OBSERVED EDDINGTON RATIO DISTRIBUTION. Astrophysical Journal, 2009, 698, 1550-1569.	4.5	127
69	DISSIPATION AND EXTRA LIGHT IN GALACTIC NUCLEI. III. â€œCOREâ€•ELLIPTICALS AND â€œMISSINGâ€•LIGHT. Astrophysical Journal, Supplement Series, 2009, 181, 486-532.	7.7	127
70	The difficulty of getting high escape fractions of ionizing photons from high-redshift galaxies: a view from the FIRE cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 960-975.	4.4	126
71	The structure and dynamical evolution of the stellar disc of a simulated Milky Way-mass galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2430-2444.	4.4	125
72	The origin of ultra diffuse galaxies: stellar feedback and quenching. Monthly Notices of the Royal Astronomical Society, 2018, 478, 906-925.	4.4	125

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73	Sweating the small stuff: simulating dwarf galaxies, ultra-faint dwarf galaxies, and their own tiny satellites. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1305-1316.	4.4	124
74	A CHARACTERISTIC DIVISION BETWEEN THE FUELING OF QUASARS AND SEYFERTS: FIVE SIMPLE TESTS. Astrophysical Journal, 2009, 694, 599-609.	4.5	120
75	When feedback fails: the scaling and saturation of star formation efficiency. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3511-3528.	4.4	120
76	Stellar feedback and bulge formation in clumpy discs. Monthly Notices of the Royal Astronomical Society, 2012, 427, 968-978.	4.4	119
77	Metal flows of the circumgalactic medium, and the metal budget in galactic haloes. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4170-4188.	4.4	119
78	Binary stars can provide the â€˜missing photonsâ€™ needed for reionization. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3614-3619.	4.4	115
79	Feedback first: the surprisingly weak effects of magnetic fields, viscosity, conduction and metal diffusion on sub-L* galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 471, 144-166.	4.4	113
80	The nuclear stellar disc in Andromeda: a fossil from the era of black hole growth. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 405, L41-L45.	3.3	111
81	Modelling chemical abundance distributions for dwarf galaxies in the Local Group: the impact of turbulent metal diffusion. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2194-2211.	4.4	111
82	Accurate, meshless methods for magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 455, 51-88.	4.4	108
83	But what about...: cosmic rays, magnetic fields, conduction,Âand viscosity in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3465-3498.	4.4	107
84	Simulating galaxies in the reionization era with FIRE-2: galaxy scaling relations, stellar mass functions, and luminosity functions. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1694-1715.	4.4	106
85	Cosmic ray feedback in the FIRE simulations: constraining cosmic ray propagation with GeV Î³-ray emission. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3716-3744.	4.4	106
86	Properties of the circumgalactic medium in cosmic ray-dominated galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4221-4238.	4.4	99
87	The origins of active galactic nuclei obscuration: the â€˜torusâ€™ as a dynamical, unstable driver of accretion. Monthly Notices of the Royal Astronomical Society, 2012, 420, 320-339.	4.4	98
88	On the dust temperatures of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1397-1422.	4.4	97
89	Where are the most ancient stars in the Milky Way?. Monthly Notices of the Royal Astronomical Society, 2018, 480, 652-668.	4.4	96
90	Resonant drag instabilities in protoplanetary discs: the streaming instability and new, faster growing instabilities. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5011-5040.	4.4	93

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91	The origin of the diverse morphologies and kinematics of Milky Way-mass galaxies in the FIRE-2 simulations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4133-4157.	4.4	91
92	What FIREs up star formation: the emergence of the Kennicuttâ€“Schmidt law from feedback. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3653-3673.	4.4	91
93	Giant clumps in the FIRE simulations: a case study of a massive high-redshift galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 465, 952-969.	4.4	90
94	A stellar feedback origin for neutral hydrogen in high-redshift quasar-mass haloes. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 461, L32-L36.	3.3	89
95	A maximum stellar surface density in dense stellar systems. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 401, L19-L23.	3.3	88
96	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	4.5	88
97	RECOVERING STELLAR POPULATION PROPERTIES AND REDSHIFTS FROM BROADBAND PHOTOMETRY OF SIMULATED GALAXIES: LESSONS FOR SED MODELING. Astrophysical Journal, 2009, 696, 348-369.	4.5	87
98	A model for (non-lognormal) density distributions in isothermal turbulence. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1880-1891.	4.4	87
99	Dust attenuation, dust emission, and dust temperature in galaxies at z â‰¥ 5: a view from the FIRE-2 simulations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1844-1864.	4.4	87
100	Xâ€Ray Emission from Hot Gas in Galaxy Mergers. Astrophysical Journal, 2006, 643, 692-706.	4.5	87
101	The Radical Consequences of Realistic Satellite Orbits for the Heating and Implied Merger Histories of Galactic Disks. Astrophysical Journal, 2008, 688, 757-769.	4.5	85
102	An excursion-set model for the structure of giant molecular clouds and the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2016-2036.	4.4	85
103	Star formation histories of dwarf galaxies in the FIRE simulations: dependence on mass and Local Group environment. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4574-4588.	4.4	83
104	Anisotropic diffusion in mesh-free numerical magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3387-3405.	4.4	80
105	The no-spin zone: rotation versus dispersion support in observed and simulated dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2420-2431.	4.4	80
106	Formation of globular cluster candidates in merging proto-galaxies at high redshift: a view from the FIRE cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4232-4244.	4.4	79
107	The formation of massive, quiescent galaxies at cosmic noon. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L14-L18.	3.3	78
108	How Much Mass Do Supermassive Black Holes Eat in Their Old Age?. Astrophysical Journal, 2006, 643, 641-651.	4.5	78

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109	Synthetic Gaia Surveys from the FIRE Cosmological Simulations of Milky Way-mass Galaxies. Astrophysical Journal, Supplement Series, 2020, 246, 6.	7.7	77
110	A profile in FIRE: resolving the radial distributions of satellite galaxies in the Local Group with simulations. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1471-1490.	4.4	77
111	The Selfâ€Regulated Growth of Supermassive Black Holes. Astrophysical Journal, 2008, 686, 815-828.	4.5	76
112	The physics of LymanÂÎ± escape from high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 39-59.	4.4	76
113	Interacting galaxies on FIRE-2: the connection between enhanced star formation and interstellar gas content. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1320-1338.	4.4	75
114	No missing photons for reionization: moderate ionizing photon escape fractions from the FIRE-2 simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2001-2017.	4.4	75
115	High Angular Momentum Halo Gas: A Feedback and Code-independent Prediction of LCDM. Astrophysical Journal, 2017, 843, 47.	4.5	74
116	STARFORGE: Towards a comprehensive numerical model of star cluster formation and feedback. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2199-2231.	4.4	73
117	A constrained-gradient method to control divergence errors in numerical MHD. Monthly Notices of the Royal Astronomical Society, 2016, 462, 576-587.	4.4	72
118	A dark matter profile to model diverse feedback-induced core sizes of ÎCDM haloes. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2393-2417.	4.4	71
119	Luminosityâ€dependent Quasar Lifetimes: Reconciling the Optical and Xâ€Ray Quasar Luminosity Functions. Astrophysical Journal, 2005, 632, 81-91.	4.5	70
120	The fundamentally different dynamics of dust and gas in molecular clouds. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4174-4190.	4.4	70
121	The creation and persistence of a misaligned gas disc in a simulated early-type galaxy. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3269-3277.	4.4	68
122	When and where did GW150914 form?. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 463, L31-L35.	3.3	67
123	On the survival of cool clouds in the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1841-1854.	4.4	67
124	Virialization of the Inner CGM in the FIRE Simulations and Implications for Galaxy Disks, Star Formation, and Feedback. Astrophysical Journal, 2021, 911, 88.	4.5	66
125	Colours, star formation rates and environments of star-forming and quiescent galaxies at the cosmic noon. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1050-1072.	4.4	65
126	Low-redshift Lyman limit systems as diagnostics of cosmological inflows and outflows. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2292-2304.	4.4	65

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127	Predicting the binary black hole population of the Milky Way with cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2704-2718.	4.4	64
128	Radiative stellar feedback in galaxy formation: Methods and physics. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3702-3729.	4.4	64
129	Testing physical models for cosmic ray transport coefficients on galactic scales: self-confinement and extrinsic turbulence at â^¼GeV energies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4184-4213.	4.4	64
130	Variations in the stellar CMF and IMF: from bottom to top. Monthly Notices of the Royal Astronomical Society, 2013, 433, 170-177.	4.4	63
131	SIDM on fire: hydrodynamical self-interacting dark matter simulations of low-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2945-2954.	4.4	61
132	Predictions for the spatial distribution of the dust continuum emission in $oldsymbol {1,lt, z,lt, 5}$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1779-1789.	4.4	61
133	GALAXY DISKS DO NOT NEED TO SURVIVE IN THE Î›CDM PARADIGM: THE GALAXY MERGER RATE OUT TOzâ^¼ 1.5 FROM MORPHO-KINEMATIC DATA. Astrophysical Journal, 2012, 753, 128.	4.5	60
134	Self-consistent proto-globular cluster formation in cosmological simulations of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4315-4332.	4.4	59
135	Characterizing mass, momentum, energy, and metal outflow rates of multiphase galactic winds in the FIRE-2 cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2979-3008.	4.4	56
136	THREE-DIMENSIONAL RADIATIVE TRANSFER CALCULATIONS OF RADIATION FEEDBACK FROM MASSIVE BLACK HOLES: OUTFLOW OF MASS FROM THE DUSTY â€œTORUSâ€• Astrophysical Journal, 2012, 759, 36.	4.5	54
137	TURBULENT DISKS ARE NEVER STABLE: FRAGMENTATION AND TURBULENCE-PROMOTED PLANET FORMATION. Astrophysical Journal, 2013, 776, 48.	4.5	54
138	Dwarf galaxies in CDM, WDM, and SIDM: disentangling baryons and dark matter physics. Monthly Notices of the Royal Astronomical Society, 2019, 490, 962-977.	4.4	54
139	Do we expect most AGN to live in discs?. Monthly Notices of the Royal Astronomical Society, 2014, 445, 823-834.	4.4	53
140	Resonant Drag Instability of Grains Streaming in Fluids. Astrophysical Journal Letters, 2018, 856, L15.	8.3	53
141	The dynamics and outcome of star formation with jets, radiation, winds, and supernovae in concert. Monthly Notices of the Royal Astronomical Society, 2022, 512, 216-232.	4.4	53
142	Resolving the generation of starburst winds in Galaxy mergers. Monthly Notices of the Royal Astronomical Society, 2013, 433, 78-97.	4.4	52
143	Spatially resolved star formation and fuelling in galaxy interactions. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3113-3133.	4.4	52
144	Cosmic ray driven outflows to Mpc scales from L* galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3640-3662.	4.4	52

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145	The necessity of feedback physics in setting the peak of the initial mass function. Monthly Notices of the Royal Astronomical Society, 2016, 458, 673-680.	4.4	50
146	The small scatter in BH-host correlations and the case for self-regulated BH growth. Monthly Notices of the Royal Astronomical Society, 2009, 398, 303-311.	4.4	49
147	Dense molecular gas: a sensitive probe of stellar feedback models. Monthly Notices of the Royal Astronomical Society, 2013, 433, 69-77.	4.4	49
148	Cosmological Simulations of Quasar Fueling to Subparsec Scales Using Lagrangian Hyper-refinement. Astrophysical Journal, 2021, 917, 53.	4.5	49
149	Reconciling Observed and Simulated Stellar Halo Masses. Astrophysical Journal, 2018, 869, 12.	4.5	48
150	No assembly required: mergers are mostly irrelevant for the growth of low-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 319-331.	4.4	48
151	Simulating galaxies in the reionization era with FIRE-2: morphologies and sizes. Monthly Notices of the Royal Astronomical Society, 2018, 477, 219-229.	4.4	48
152	A model for the formation of stellar associations and clusters from giant molecular clouds. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3239-3258.	4.4	48
153	The impact of stellar feedback on hot gas in galaxy haloes: the Sunyaevâ€“Zel'dovich effect and soft X-ray emission. Monthly Notices of the Royal Astronomical Society, 2016, 463, 4533-4544.	4.4	47
154	Why do high-redshift galaxies show diverse gas-phase metallicity gradients?. Monthly Notices of the Royal Astronomical Society, 0, , stx034.	4.4	46
155	Evidence for a vast prograde stellar stream in the solar vicinity. Nature Astronomy, 2020, 4, 1078-1083.	10.1	44
156	SatGen: a semi-analytical satellite galaxy generator â€“ I. The model and its application to Local-Group satellite statistics. Monthly Notices of the Royal Astronomical Society, 2021, 502, 621-641.	4.4	44
157	A simple phenomenological model for grain clustering in turbulence. Monthly Notices of the Royal Astronomical Society, 2016, 455, 89-111.	4.4	43
158	Why are active galactic nuclei and host galaxies misaligned?. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1121-1128.	4.4	42
159	An instability of feedback-regulated star formation in galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2301-2314.	4.4	42
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