Harley Katz

List of Publications by Year in descending order

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ΗλΟΙΕΥ ΚΑΤΖ

#	Article	IF	CITATIONS
1	The SPHINX Cosmological Simulations of the First Billion Years: the Impact of Binary Stars on Reionizationa ~ Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	144
2	Seeding high-redshift QSOs by collisional runaway in primordial star clusters. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2352-2369.	4.4	114
3	The baryonic Tully–Fisher relation for different velocity definitions and implications for galaxy angular momentum. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3267-3278.	4.4	106
4	Feedback-regulated star formation and escape of LyC photons from mini-haloes during reionisation. Monthly Notices of the Royal Astronomical Society, 0, , stx052.	4.4	101
5	Interpreting ALMA observations of the ISM during the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4831-4861.	4.4	90
6	Testing feedback-modified dark matter haloes with galaxy rotation curves: estimation of halo parameters and consistency with I>CDM scaling relations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1648-1668.	4.4	81
7	Understanding the escape of LyC and Lyα photons from turbulent clouds. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2215-2237.	4.4	80
8	Probing cosmic dawn with emission lines: predicting infrared and nebular line emission for ALMA and JWST. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5902-5921.	4.4	61
9	Two epochs of globular cluster formation from deep field luminosity functions: implications for reionization and the Milky Way satellites. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3250-3261.	4.4	55
10	How to quench a dwarf galaxy: The impact of inhomogeneous reionization on dwarf galaxies and cosmic filaments. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2200-2220.	4.4	47
11	Clues on the missing sources of reionization from self-consistent modelling of Milky Way and dwarf galaxy globular clusters. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2377-2395.	4.4	46
12	The OBELISK simulation: Galaxies contribute more than AGN to Hâ€ [−] I reionization of protoclusters. Astronomy and Astrophysics, 2021, 653, A154.	5.1	37
13	Impact of Lyman alpha pressure on metal-poor dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4617-4635.	4.4	35
14	Ly α as a tracer of cosmic reionization in the SPHINX radiation-hydrodynamics cosmological simulation. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1902-1926.	4.4	30
15	Introducing SPHINX-MHD: the impact of primordial magnetic fields on the first galaxies, reionization, and the global 21-cm signal. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1254-1282.	4.4	30
16	New methods for identifying Lyman continuum leakers and reionization-epoch analogues. Monthly Notices of the Royal Astronomical Society, 2020, 498, 164-180.	4.4	29
17	Reionization history constraints from neural network based predictions of high-redshift quasar continua. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4256-4275.	4.4	29
	The nature of high [O  < scp > iii < /scp >]88 μ m/[C  < scp > ii < /scp >]158 μm galaxies in the epo	och of reior	nization:

 Low carbon abundance and a top-heavy IMF?. Monthly Notices of the Royal Astronomical Society, 2022,
4.4 29 510, 5603-5622.

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#	Article	IF	CITATIONS
19	Regional outcomes of severe acute respiratory syndrome coronavirus 2 infection in hospitalised patients with haematological malignancy. European Journal of Haematology, 2020, 105, 476-483.	2.2	26
20	Dual Effects of Ram Pressure on Star Formation in Multiphase Disk Galaxies with Strong Stellar Feedback. Astrophysical Journal, 2020, 905, 31.	4.5	25
21	A Census of the LyC photons that form the UV background during reionization. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4986-5005.	4.4	24
22	Probing cosmic dawn: modelling the assembly history, SEDs, and dust content of selected <i>z</i> â^¼ 9 galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4054-4068.	4.4	24
23	GALAXY CLUSTER BULK FLOWS AND COLLISION VELOCITIES IN QUMOND. Astrophysical Journal, 2013, 772, 10.	4.5	22
24	The use of artificial neural network analysis can improve the riskâ€stratification of patients presenting with suspected deep vein thrombosis. British Journal of Haematology, 2019, 185, 289-296.	2.5	22
25	Tracing the sources of reionization in cosmological radiation hydrodynamics simulations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1029-1041.	4.4	19
26	Unravelling the origin of magnetic fields in galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2517-2534.	4.4	15
27	MgÂ <scp>ii</scp> Âin the <i>JWST</i> era: a probe of Lyman continuum escape?. Monthly Notices of the Royal Astronomical Society, 2022, 515, 4265-4286.	4.4	14
28	Cosmological magnetogenesis: the Biermann battery during the Epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2346-2359.	4.4	13
29	RAMSES-RTZ: non-equilibrium metal chemistry and cooling coupled to on-the-fly radiation hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2022, 512, 348-365.	4.4	13
30	The formation of spiral galaxies: adiabatic compression with Young's algorithm and the relation of dark matter haloes to their primordial antecedents. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1897-1908.	4.4	12
31	Magnetogenesis at Cosmic Dawn: tracing the origins of cosmic magnetic fields. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2620-2631.	4.4	12
32	Stellar feedback and the energy budget of late-type Galaxies: missing baryons and core creation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4287-4301.	4.4	8
33	The tight empirical relation between dark matter halo mass and flat rotation velocity for late-type galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L98-L103.	3.3	8
34	Towards convergence of turbulent dynamo amplification in cosmological simulations of galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3326-3344.	4.4	8
35	Simulating Jellyfish Galaxies: A Case Study for a Gas-rich Dwarf Galaxy. Astrophysical Journal, 2022, 928, 144.	4.5	7
36	Postâ€COVIDâ€19 syndrome in patients with haematological disorders who have survived infection with severe acute respiratory syndrome coronavirusâ€2. British Journal of Haematology, 2021, , .	2.5	2