Umberto Maio

List of Publications by Year
in descending order

24	1,005	516681 16	642715 23
papers	citations	h-index	g-index

24	24	24	1049
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomic and molecular gas from the epoch of reionisation down to redshift 2. Astronomy and Astrophysics, 2022, 657, A47.	5.1	11
2	HI and H2 gas evolution over cosmic times: ColdSIM. EPJ Web of Conferences, 2022, 257, 00029.	0.3	0
3	Bubble mapping with the Square Kilometre Array â€“ I. Detecting galaxies with Euclid, JWST, WFIRST, and ELT within ionized bubbles in the intergalactic medium at z > 6. Monthly Notices of the Royal Astronomical Society, 2020, 493, 855-870.	4.4	8
4	The seeds of supermassive black holes and the role of local radiation and metal spreading. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	16
5	Interpreting the evolution of galaxy colours fromzÂ=Â8 to 5. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3130-3145.	4.4	49
6	Radiative feedback and cosmic molecular gas: the role of different radiative sources. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3733-3752.	4.4	18
7	Origin of cosmic chemical abundances. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3799-3821.	4.4	25
8	The dust mass in zÂ>Â6 normal star-forming galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 451, L70-L74.	3.3	129
9	The first billion years of a warm dark matter universe. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2760-2775.	4.4	38
10	Signatures of very massive stars: supercollapsars and their cosmological rate. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3520-3525.	4.4	8
11	Hydrodynamical chemistry simulations of the Sunyaevâ€“Zel'dovich effect and the impacts from primordial non-Gaussianities. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1308-1317.	4.4	5
12	Simulating the assembly of galaxies at redshifts zÂ=Â6â€“12. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1486-1504.	4.4	53
13	Simulating extremely metal-poor gas and DLA metal content at redshift z â‰ƒ 7. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1443-1450.	4.4	14
14	EFFECTS OF CIRCUMNUCLEAR DISK GAS EVOLUTION ON THE SPIN OF CENTRAL BLACK HOLES. Astrophysical Journal, 2013, 767, 37.	4.5	25
15	Counts of high-redshift GRBs as probes of primordial non-Gaussianities. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2078-2088.	4.4	21
16	The imprint of cosmological non-Gaussianities on primordial structure formation. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1113-1122.	4.4	15
17	Radiative feedback and cosmic molecular gas: numerical method. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3067-3080.	4.4	21
18	Effect of intergalactic medium on the observability of LyÎ± emitters during cosmic reionization. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2193-2212.	4.4	28

#	Article	IF	Citations
19	The interplay between chemical and mechanical feedback from the first generation of stars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1145-1157.	4.4	102
20	Baryon history and cosmic star formation in non-Gaussian cosmological models: numerical simulations. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3021-3032.	4.4	26
21	The impact of primordial supersonic flows on early structure formation, reionization and the lowest-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 412, L40-L44.	3.3	91
22	Gas distribution, metal enrichment and baryon fraction in Gaussian and non-Gaussian universes. Classical and Quantum Gravity, 2011, 28, 225015.	4.0	21
23	Formation of isolated dwarf galaxies with feedback. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1599-1613.	4.4	128
24	The transition from population III to population II-I star formation. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1003-1015.	4.4	153