Antonios Katsianis

List of Publications by Year
in descending order

19	474	623734 14	839539 18
papers	citations	h-index	g-index

19	19	19	670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First measurement of the characteristic depletion radius of dark matter haloes from weak lensing. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4754-4769.	4.4	7
2	Groups and Protocluster Candidates in the CLAUDS and HSC-SSP Joint Deep Surveys. Astrophysical Journal, 2022, 933, 9.	4.5	9
3	An Extended Halo-based Group/Cluster Finder: Application to the DESI Legacy Imaging Surveys DR8. Astrophysical Journal, 2021, 909, 143.	4.5	44
4	Telltale signs of metal recycling in the circumgalactic medium of a z âˆ¼ 0.77 galaxy. Monthly Notices of the Royal Astronomical Society, 2021, 507, 663-679.	4.4	20
5	The Observed Cosmic Star Formation Rate Density Has an Evolution that Resembles a Î“(a, bt) Distribution and Can Be Described Successfully by Only Two Parameters. Astrophysical Journal, 2021, 919, 88.	4.5	10
6	The specific star formation rate function at different mass scales and quenching: a comparison between cosmological models and SDSS. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2036-2048.	4.4	19
7	Infrared luminosity functions and dust mass functions in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2912-2924.	4.4	16
8	The high-redshift SFRâ€“M* relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5592-5606.	4.4	30
9	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2823-2838.	4.4	28
10	Slicing the cool circumgalactic medium along the major axis of a star-forming galaxy at zÂ= 0.7. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4442-4461.	4.4	28
11	The intrinsic SFRF and sSFRF of galaxies: comparing SDSS observation with IllustrisTNG simulation. Research in Astronomy and Astrophysics, 2020, 20, 195.	1.7	12
12	A Characteristic Mass Scale in the Massâ€“Metallicity Relation of Galaxies. Astrophysical Journal, 2019, 877, 6.	4.5	33
13	An Evolving and Mass-dependent ÏƒsSFRâ€“M_{â‹†} Relation for Galaxies. Astrophysical Journal, 2019, 879, 11.	4.5	24
14	The evolution of the star formation rate function and cosmic star formation rate density of galaxies atzâˆ¼ 1â€“4. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4977-4994.	4.4	27
15	The evolution of the star formation rate function in the EAGLE simulations: a comparison with UV, IR and HÎ± observations from z âˆ¼ 8 to z âˆ¼ 0. Monthly Notices of the Royal Astronomical Society, 2017, 472, 919-939.	4.4	62
16	The Relation between Star-Formation Rate and Stellar Mass of Galaxies atz~ 1â€“4. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	21
17	The stellar mass function and star formation rateâ€“stellar mass relation of galaxies at zÂâˆ¼Â4â€“7. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3001-3021.	4.4	19
18	Simulated star formation rate functions at z âˆ¼ 4-7, and the role of feedback in high-z galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3490-3506.	4.4	27

#	Article	IF	Citations
19	Galaxy And Mass Assembly (GAMA): The sSFR-M* relation part I â€“ ÏƒsSFR-M* as a function of sample, SFR indicator and environment. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	38