# 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 | 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 |
| 2 | An Extended Halo-based Group/Cluster Finder: Application to the DESI Legacy Imaging Surveys DR8. Astrophysical Journal, 2021, 909, 143. | 4.5 | 44 |
| 3 | 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 |
| 4 | A Characteristic Mass Scale in the Massâ€“Metallicity Relation of Galaxies. Astrophysical Journal, 2019, 877, 6. | 4.5 | 33 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | An Evolving and Mass-dependent ÏƒsSFRâ€“M<sub>â‹†</sub> Relation for Galaxies. Astrophysical Journal, 2019, 879, 11. | 4.5 | 24 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | The intrinsic SFRF and sSFRF of galaxies: comparing SDSS observation with IllustrisTNG simulation. Research in Astronomy and Astrophysics, 2020, 20, 195. | 1.7 | 12 |
| 17 | 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 |
| 18 | Groups and Protocluster Candidates in the CLAUDS and HSC-SSP Joint Deep Surveys. Astrophysical Journal, 2022, 933, 9. | 4.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |