

# Riccardo Murgia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3460673/publications.pdf>

Version: 2024-02-01

12  
papers

750  
citations

840776

11  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

853  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lyman- $\hat{\tau}$ constraints on ultralight scalar dark matter: Implications for the early and late universe. Physical Review D, 2017, 96, .	4.7	145
2	Lyman $\hat{\tau}$ forest and non-linear structure characterization in Fuzzy Dark Matter cosmologies. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3227-3243.	4.4	100
3	Early dark energy is not excluded by current large-scale structure data. Physical Review D, 2021, 103, .	4.7	86
4	Constraining Dark Matter-Dark Radiation interactions with CMB, BAO, and Lyman- $\hat{\tau}$ . Journal of Cosmology and Astroparticle Physics, 2019, 2019, 055-055.	5.4	80
5	Early dark energy resolution to the Hubble tension in light of weak lensing surveys and lensing anomalies. Physical Review D, 2021, 103, .	4.7	72
6	Novel constraints on noncold, nonthermal dark matter from Lyman- $\hat{\tau}$ forest data. Physical Review D, 2018, 98, .	4.7	64
7	Lyman- $\hat{\tau}$ Forest Constraints on Primordial Black Holes as Dark Matter. Physical Review Letters, 2019, 123, 071102.	7.8	63
8	Joint constraints on thermal relic dark matter from strong gravitational lensing, the Ly $\hat{\tau}$ forest, and Milky Way satellites. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5848-5862.	4.4	50
9	Linear cosmological constraints on two-body decaying dark matter scenarios and the $\Omega_b h^2$ tension. Physical Review D, 2021, 104, .	4.7	34
10	Implications of the $\Omega_b h^2$ tension for decaying dark matter with warm decay products. Physical Review D, 2022, 105, .	4.7	26
11	Constraining nonthermal dark matter $\hat{\tau}$ 's impact on the matter power spectrum. Physical Review D, 2019, 100, .	4.7	19
12	Pseudoscalar sterile neutrino self-interactions in light of Planck, SPT and ACT data. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 010.	5.4	11