

# Alessio Notari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6632539/publications.pdf>

Version: 2024-02-01

63  
papers

4,160  
citations

147801

31  
h-index

114465

63  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2394  
citing authors



#	ARTICLE	IF	CITATIONS
19	Exploring cosmic origins with CORE: Inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	5.4	75
20	Non-linear structure formation and $\tilde{\kappa}$ apparent acceleration: an investigation. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 017-017.	5.4	73
21	Exploring cosmic origins with CORE: Cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	5.4	73
22	Measuring our peculiar velocity on the CMB with high-multipole off-diagonal correlations. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 027-027.	5.4	55
23	The $H_0$ tension: $\hat{\Gamma}^G$ vs. $\hat{\Gamma}^N$ . Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	5.4	50
24	On the significance of power asymmetries in Planck CMB data at all scales. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 008-008.	5.4	45
25	Exploring cosmic origins with CORE: $B$ -mode component separation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 023-023.	5.4	44
26	Observable Windows for the QCD Axion Through the Number of Relativistic Species. Physical Review Letters, 2018, 120, 191301.	7.8	40
27	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. Astroparticle Physics, 2021, 131, 102607.	4.3	39
28	Thermalized axion inflation. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 007-007.	5.4	38
29	Snowmass2021 - Letter of interest cosmology intertwined I: Perspectives for the next decade. Astroparticle Physics, 2021, 131, 102606.	4.3	37
30	Standard Model False Vacuum Inflation: Correlating the Tensor-to-Scalar Ratio to the Top Quark and Higgs Boson Masses. Physical Review Letters, 2012, 108, 191302.	7.8	36
31	Dissipative axial inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 038-038.	5.4	33
32	Minimal theoretical uncertainties in inflationary predictions. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 012-012.	5.4	31
33	Higgs mass range from standard model false vacuum inflation in scalar-tensor gravity. Physical Review D, 2012, 85, .	4.7	31
34	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 018-018.	5.4	29
35	LATE TIME FAILURE OF FRIEDMANN EQUATION. Modern Physics Letters A, 2006, 21, 2997-3007.	1.2	27
36	Measuring our peculiar velocity by "pre-deboosting" the CMB. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 026-026.	5.4	27

#	ARTICLE	IF	CITATIONS
37	Exploring cosmic origins with CORE: The instrument. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	5.4	25
38	The cold spot as a large void: Rees-Sciama effect on CMB power spectrum and bispectrum. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 019-019.	5.4	24
39	Natural Inflation with a periodic non-minimal coupling. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	5.4	24
40	Inflation from the Higgs field false vacuum with hybrid potential. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 031-031.	5.4	23
41	Production of thermal axions across the electroweak phase transition. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 090.	5.4	23
42	COSMOLOGICAL INFLUENCE OF SUPER-HUBBLE PERTURBATIONS. Modern Physics Letters A, 2005, 20, 2705-2710.	1.2	22
43	â€œGracefulâ€ old inflation. Physical Review D, 2006, 73, .	4.7	22
44	On the proper kinetic quadrupole CMB removal and the quadrupole anomalies. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 047-047.	5.4	22
45	CMB aberration and Doppler effects as a source of hemispherical asymmetries. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 019-019.	5.4	21
46	The cold spot as a large void: lensing effect on CMB two and three point correlation functions. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 035-035.	5.4	20
47	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 020-020.	5.4	20
48	Interpreting the CMB aberration and Doppler measurements: boost or intrinsic dipole?. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 026-026.	5.4	18
49	Exploring cosmic origins with CORE: Effects of observer peculiar motion. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	5.4	18
50	Thermalized axion inflation: Natural and monomial inflation with small $r$ . Physical Review D, 2018, 97, .	4.7	18
51	Can inflation solve the hierarchy problem?. Physical Review D, 2006, 74, .	4.7	17
52	Exploring cosmic origins with CORE: Cluster science. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 019-019.	5.4	17
53	Cosmological parameter estimation: impact of CMB aberration. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 028-028.	5.4	16
54	Dine-Fischler-Srednicki-Zhitnitsky axion in the CMB. Physical Review D, 2021, 103, .	4.7	16

#	ARTICLE	IF	CITATIONS
55	Exploring cosmic origins with CORE: Mitigation of systematic effects. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 022-022.	5.4	14
56	High Quality QCD Axion at Gravitational Wave Observatories. Physical Review Letters, 2022, 128, 141101.	7.8	14
57	COVID-19 transmission risk factors. Pathogens and Global Health, 2022, 116, 146-177.	2.3	12
58	Detecting the cold spot as a void with the non-diagonal two-point function. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 028-028.	5.4	9
59	CMB all-scale blackbody distortions induced by linearizing temperature. Physical Review D, 2016, 94, .	4.7	8
60	Non-Gaussianity and CMB aberration and Doppler. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 036-036.	5.4	6
61	Improving Planck calibration by including frequency-dependent relativistic corrections. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 050-050.	5.4	6
62	Higgs mass and gravity waves in standard model false vacuum inflation. Physical Review D, 2015, 91, .	4.7	2
63	On systematic and GR effects on muon $g - 2$ experiments. Journal of High Energy Physics, 2019, 2019, 1.	4.7	1