

# Nelson M Videla

## List of Publications by Year in descending order

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32  
papers

526  
citations

623734

14  
h-index

642732

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of cosmological inflation and predictions for reheating in the light of 2018 PLANCK results. European Physical Journal Plus, 2021, 136, 1.	2.6	3
2	Reheating in small-field inflation on the brane: the swampland criteria and observational constraints in light of the PLANCK 2018 results. European Physical Journal C, 2021, 81, 1.	3.9	13
3	Particle creation inspired warm inflation according to Planck 2018. Physics of the Dark Universe, 2021, 33, 100865.	4.9	1
4	Chaotic inflation and reheating in generalized scalar-tensor gravity. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 021.	5.4	5
5	Dynamical systems methods and statistical diagnostic of interacting vacuum energy models. European Physical Journal C, 2020, 80, 1.	3.9	19
6	Warm $G$ inflation: Intermediate model. Physical Review D, 2019, 100, .	4.7	4
7	Generalized Galileon scenario inspires chaotic inflation. European Physical Journal C, 2019, 79, 1.	3.9	2
8	Slow-roll inflation in generalized scalar-torsion gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 029-029.	5.4	18
9	G-inflation: from the intermediate, logamediate and exponential models. European Physical Journal C, 2018, 78, 1.	3.9	10
10	Natural Inflation on the brane with a TeV-scale gravity: Parameter constraints after Planck 2015. Journal of Physics: Conference Series, 2018, 1043, 012014.	0.4	0
11	Baryogenesis via leptogenesis in multi-field inflation. European Physical Journal C, 2018, 78, 1.	3.9	10
12	Covariant evolution of perturbations during reheating in two-field inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 001-001.	5.4	4
13	Growth of matter overdensities in non-minimal torsion-matter coupling theories. European Physical Journal C, 2018, 78, 1.	3.9	19
14	Inflation from a nonlinear magnetic monopole field nonminimally coupled to curvature. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 003-003.	5.4	20
15	Observational constraints on warm quasi-exponential inflation. Physical Review D, 2018, 97, .	4.7	5
16	Natural Inflation on the brane with a TeV-scale gravity: Parameter constraints after Planck 2015. International Journal of Modern Physics D, 2017, 26, 1750066.	2.1	2
17	Hamilton-Jacobi approach for quasi-exponential inflation: predictions and constraints after Planck 2015 results. European Physical Journal C, 2017, 77, 1.	3.9	2
18	Dynamics of warm power-law plateau inflation with a generalized inflaton decay rate: predictions and constraints after Planck 2015. European Physical Journal C, 2017, 77, 1.	3.9	20

#	ARTICLE	IF	CITATIONS
19	Impact of generalized dissipative coefficient on warm inflationary dynamics in the light of latest Planck data. European Physical Journal C, 2017, 77, 1.	3.9	10
20	Dynamics of polynomial Chaplygin gas warm inflation. European Physical Journal C, 2017, 77, 1.	3.9	56
21	Instability in interacting dark sector: an appropriate holographic Ricci dark energy model. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 065-065.	5.4	10
22	Warm intermediate inflationary Universe model in the presence of a generalized Chaplygin gas. European Physical Journal C, 2016, 76, 1.	3.9	16
23	Intermediate inflation on warped DGP model. , 2015, , .		1
24	Warm $\frac{\lambda}{\phi^4} \hat{=} 4 \ddot{\phi} = 4$ inflationary universe model in light of Planck 2015 results. European Physical Journal C, 2015, 75, 1.	3.9	34
25	Warm intermediate inflation in the Randall-Sundrum II model in the light of Planck 2015 and BICEP2 results: a general dissipative coefficient. European Physical Journal C, 2015, 75, 1.	3.9	30
26	The generalized second law of thermodynamics for interacting $f(R)$ gravity. International Journal of Modern Physics D, 2014, 23, 1450071.	2.1	12
27	Warped DGP model in warm intermediate inflation with a general dissipative coefficient in light of BICEP2 and Planck results. Physical Review D, 2014, 90, .	4.7	23
28	General dissipative coefficient in warm intermediate inflation in Loop Quantum Cosmology in light of Planck and BICEP2. International Journal of Modern Physics D, 2014, 23, 1450080.	2.1	40
29	Intermediate inflation on the brane and warped DGP models. European Physical Journal C, 2013, 73, 1.	3.9	14
30	General dissipative coefficient in warm intermediate and logamediate inflation. Physical Review D, 2013, 88, .	4.7	48
31	Intermediate-generalized Chaplygin gas inflationary universe model. European Physical Journal C, 2013, 73, 1.	3.9	49
32	Intermediate inflation in Gauss-Bonnet brane world. European Physical Journal C, 2010, 67, 499-505.	3.9	26