

# Nelson M Videla

## List of Publications by Year in descending order

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Version: 2024-02-01

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 polynomial Chaplygin gas warm inflation. European Physical Journal C, 2017, 77, 1.   | 3.9 | 56        |
| 2  | Intermediate-generalized Chaplygin gas inflationary universe model. European Physical Journal C, 2013, 73, 1.  | 3.9 | 49        |
| 3  | General dissipative coefficient in warm intermediate and logamediate inflation. Physical Review D, 2013, 88, .   | 4.7 | 48        |
| 4  | 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        |
| 5  | Warm $\Lambda$ CDM inflationary universe model in light of Planck 2015 results. European Physical Journal C, 2015, 75, 1.  | 3.9 | 34        |
| 6  | 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        |
| 7  | Intermediate inflation in Gauss-Bonnet brane world. European Physical Journal C, 2010, 67, 499-505.  | 3.9 | 26        |
| 8  | 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        |
| 9  | 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        |
| 10 | Inflation from a nonlinear magnetic monopole field nonminimally coupled to curvature. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 003-003.                               | 5.4 | 20        |
| 11 | Growth of matter overdensities in non-minimal torsion-matter coupling theories. European Physical Journal C, 2018, 78, 1.  | 3.9 | 19        |
| 12 | Dynamical systems methods and state diagnostic of interacting vacuum energy models. European Physical Journal C, 2020, 80, 1.  | 3.9 | 19        |
| 13 | Slow-roll inflation in generalized scalar-torsion gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 029-029.  | 5.4 | 18        |
| 14 | Warm intermediate inflationary Universe model in the presence of a generalized Chaplygin gas. European Physical Journal C, 2016, 76, 1.  | 3.9 | 16        |
| 15 | Intermediate inflation on the brane and warped DGP models. European Physical Journal C, 2013, 73, 1.   | 3.9 | 14        |
| 16 | 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        |
| 17 | The generalized second law of thermodynamics for interacting $f(R)$ gravity. International Journal of Modern Physics D, 2014, 23, 1450071.   | 2.1 | 12        |
| 18 | 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        |

| #  | 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 | G-inflation: from the intermediate, logamediate and exponential models. European Physical Journal C, 2018, 78, 1.   | 3.9 | 10        |
| 21 | Baryogenesis via leptogenesis in multi-field inflation. European Physical Journal C, 2018, 78, 1.   | 3.9 | 10        |
| 22 | Observational constraints on warm quasi-exponential inflation. Physical Review D, 2018, 97, .   | 4.7 | 5         |
| 23 | Chaotic inflation and reheating in generalized scalar-tensor gravity. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 021.                          | 5.4 | 5         |
| 24 | Covariant evolution of perturbations during reheating in two-field inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 001-001.              | 5.4 | 4         |
| 25 | Warm $G$ inflation: Intermediate model. Physical Review D, 2019, 100, .   | 4.7 | 4         |
| 26 | 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         |
| 27 | 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         |
| 28 | Hamilton-Jacobi approach for quasi-exponential inflation: predictions and constraints after Planck 2015 results. European Physical Journal C, 2017, 77, 1.      | 3.9 | 2         |
| 29 | Generalized Galileon scenario inspires chaotic inflation. European Physical Journal C, 2019, 79, 1.   | 3.9 | 2         |
| 30 | Intermediate inflation on warped DGP model. , 2015, , .   |     | 1         |
| 31 | Particle creation inspired warm inflation according to Planck 2018. Physics of the Dark Universe, 2021, 33, 100865.   | 4.9 | 1         |
| 32 | 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         |