

Marcelo Byrro Ribeiro

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

915
citations

430754

18
h-index

454834

30
g-index

57
all docs

57
docs citations

57
times ranked

360
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Charged dust solutions for the warp drive spacetime. <i>General Relativity and Gravitation</i> , 2021, 53, 1. | 0.7 | 13 |
| 2 | Fluid dynamics in the warp drive spacetime geometry. <i>European Physical Journal C</i> , 2021, 81, 1. | 1.4 | 18 |
| 3 | Fractal analysis of the UltraVISTA galaxy survey. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136034. | 1.5 | 9 |
| 4 | Perfect fluid warp drive solutions with the cosmological constant. <i>European Physical Journal Plus</i> , 2021, 136, 1. | 1.2 | 10 |
| 5 | Testing cosmological models with the brightness profile of distant galaxies. <i>Astrophysics and Space Science</i> , 2021, 366, 1. | 0.5 | 3 |
| 6 | Dust content solutions for the Alcubierre warp drive spacetime. <i>European Physical Journal C</i> , 2020, 80, 1. | 1.4 | 17 |
| 7 | <i>Economics and Econophysics</i> . , 2020, , 3-55. | | 0 |
| 8 | <i>Measuring the Income Distribution</i> . , 2020, , 56-104. | | 0 |
| 9 | <i>Piketty's Capital in the Twenty-First Century</i> . , 2020, , 105-144. | | 0 |
| 10 | <i>Stochastic Dynamics of Income and Wealth</i> . , 2020, , 147-198. | | 0 |
| 11 | <i>Circular Flows in Economic Systems</i> . , 2020, , 201-242. | | 0 |
| 12 | <i>Goodwin-Type Distributive Macrodynamics</i> . , 2020, , 243-274. | | 0 |
| 13 | High-derivatives and massive electromagnetic models in the Lemaître-Tolman-Bondi spacetime. <i>European Physical Journal C</i> , 2020, 80, 1. | 1.4 | 1 |
| 14 | Oscillations in the Tsallis income distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 533, 121967. | 1.2 | 16 |
| 15 | Effect of different cosmologies on the galaxy stellar mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3098-3111. | 1.6 | 2 |
| 16 | Tsallis statistics in the income distribution of Brazil. <i>Chaos, Solitons and Fractals</i> , 2016, 88, 158-171. | 2.5 | 30 |
| 17 | Fractal analysis of the galaxy distribution in the redshift range $0.45 < z < 5.0$. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 417, 332-344. | 1.2 | 36 |
| 18 | Galaxy cosmological mass function. <i>Astronomy and Astrophysics</i> , 2014, 572, A27. | 2.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Relativistic cosmology number densities in void-Lemaître-Tolman-Bondi models. <i>Astronomy and Astrophysics</i> , 2014, 563, A20. | 2.1 | 8 |
| 20 | Testing the Goodwin growth-cycle macroeconomic dynamics in Brazil. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2088-2103. | 1.2 | 26 |
| 21 | Cosmological model dependence of the galaxy luminosity function: far-infrared results in the Lemaître-Tolman-Bondi model. <i>Astronomy and Astrophysics</i> , 2013, 558, A15. | 2.1 | 5 |
| 22 | Relativistic cosmology number densities and the luminosity function. <i>Astronomy and Astrophysics</i> , 2012, 539, A112. | 2.1 | 8 |
| 23 | Probing the cosmic distance-duality relation with the Sunyaev-Zeldovich effect, X-ray observations and supernovae Ia. <i>Astronomy and Astrophysics</i> , 2012, 538, A131. | 2.1 | 52 |
| 24 | RADIAL DENSITY STATISTICS OF THE GALAXY DISTRIBUTION AND THE LUMINOSITY FUNCTION. , 2012, , . | | 1 |
| 25 | Cosmic distance duality relation and the shape of galaxy clusters. <i>Astronomy and Astrophysics</i> , 2011, 528, L14. | 2.1 | 78 |
| 26 | The Gompertz-Pareto income distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 689-698. | 1.2 | 42 |
| 27 | TESTING THE DISTANCE-DUALITY RELATION WITH GALAXY CLUSTERS AND TYPE Ia SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2010, 722, L233-L237. | 3.0 | 116 |
| 28 | Evidence for the Gompertz curve in the income distribution of Brazil 1978-2005. <i>European Physical Journal B</i> , 2009, 67, 101-120. | 0.6 | 41 |
| 29 | Cosmological models and the brightness profile of distant galaxies. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 329-329. | 0.0 | 0 |
| 30 | Spatial and observational homogeneities of the galaxy distribution in standard cosmologies. <i>Astronomy and Astrophysics</i> , 2008, 488, 55-66. | 2.1 | 10 |
| 31 | Differential Density Statistics of the Galaxy Distribution and the Luminosity Function. <i>Astrophysical Journal</i> , 2007, 657, 760-772. | 1.6 | 19 |
| 32 | Star Formation in Satellite Galaxies. <i>Astronomical Journal</i> , 2006, 132, 596-607. | 1.9 | 4 |
| 33 | Zipf law for Brazilian cities. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 367, 441-448. | 1.2 | 61 |
| 34 | Cosmological distances and fractal statistics of galaxy distribution. <i>Astronomy and Astrophysics</i> , 2005, 429, 65-74. | 2.1 | 18 |
| 35 | Cosmologia e pluralismo teórico. <i>Scientiae Studia</i> , 2004, 2, 519-535. | 0.1 | 2 |
| 36 | Relativistic Cosmology Number Counts and the Luminosity Function. <i>Astrophysical Journal</i> , 2003, 592, 1-16. | 1.6 | 24 |

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|----|---|-----|-----------|
| 37 | A Fortran code for null geodesic solutions in the Lemaître-Tolman-Bondi spacetime. Computer Physics Communications, 2002, 148, 236-241. | 3.0 | 1 |
| 38 | The Apparent Fractal Conjecture: Scaling Features in Standard Cosmologies. General Relativity and Gravitation, 2001, 33, 1699-1730. | 0.7 | 15 |
| 39 | SCALE INVARIANCE IN A PERTURBED EINSTEIN-DE SITTER COSMOLOGY. Fractals, 2001, 09, 451-462. | 1.8 | 11 |
| 40 | THE APPARENT FRACTAL CONJECTURE. Fractals, 2001, 09, 237-240. | 1.8 | 9 |
| 41 | Fractals and the Distribution of Galaxies. Brazilian Journal of Physics, 1998, 28, 132. | 0.7 | 34 |
| 42 | Observations in the Einstein-De Sitter cosmology: Dust statistics and limits of apparent homogeneity. Astrophysical Journal, 1995, 441, 477. | 1.6 | 18 |
| 43 | Relativistic Fractal Cosmologies. NATO ASI Series Series B: Physics, 1994, , 269-296. | 0.2 | 6 |
| 44 | On Modeling a Relativistic Hierarchical (Fractal) Cosmology by Tolman's Spacetime. III. Numerical Results. Astrophysical Journal, 1993, 415, 469. | 1.6 | 27 |
| 45 | On modeling a relativistic hierarchical (fractal) cosmology by Tolman's spacetime. I - Theory. Astrophysical Journal, 1992, 388, 1. | 1.6 | 47 |
| 46 | On modeling a relativistic hierarchical (fractal) cosmology by Tolman's spacetime. II - Analysis of the Einstein-de Sitter model. Astrophysical Journal, 1992, 395, 29. | 1.6 | 25 |
| 47 | Bianchi VI ₀ viscous fluid cosmology with magnetic field. Journal of Mathematical Physics, 1987, 28, 657-660. | 0.5 | 27 |
| 48 | Anisotropic viscous-fluid cosmological model. Astrophysics and Space Science, 1987, 136, 331-336. | 0.5 | 8 |