

Laura Marcela Becerra Bayona

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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citations

759233

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940533

16
g-index

17
all docs

17
docs citations

17
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of random initial magnetic fields in stably stratified and barotropic stars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 732-745.	4.4	12
2	The morphology of the X-ray afterglows and of the jetted GeV emission in long GRBs. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5301-5326.	4.4	17
3	Time evolution of rotating and magnetized white dwarf stars. Monthly Notices of the Royal Astronomical Society, 2019, 487, 812-818.	4.4	6
4	Two Predictions of Supernova: GRB 130427A/SN 2013cq and GRB 180728A/SN 2018fip. Astrophysical Journal, 2019, 874, 39.	4.5	27
5	SPH Simulations of the Induced Gravitational Collapse Scenario of Long Gamma-Ray Bursts Associated with Supernovae. Astrophysical Journal, 2019, 871, 14.	4.5	35
6	On the GeV Emission of the Type I BdHN GRB 130427A. Astrophysical Journal, 2019, 886, 82.	4.5	33
7	Early X-Ray Flares in GRBs. Astrophysical Journal, 2018, 852, 53.	4.5	44
8	Neutrino Oscillations within the Induced Gravitational Collapse Paradigm of Long Gamma-Ray Bursts. Astrophysical Journal, 2018, 852, 120.	4.5	21
9	Simulating the induced gravitational collapse scenario of long gamma-ray bursts. International Journal of Modern Physics A, 2018, 33, 1844031.	1.5	1
10	On the Induced Gravitational Collapse: SPH Simulations. Astronomy Reports, 2018, 62, 840-846.	0.9	2
11	On the Ultra-relativistic Prompt Emission, the Hard and Soft X-Ray Flares, and the Extended Thermal Emission in GRB 151027A. Astrophysical Journal, 2018, 869, 151.	4.5	19
12	On the Rate and on the Gravitational Wave Emission of Short and Long GRBs. Astrophysical Journal, 2018, 859, 30.	4.5	14
13	The Spin Evolution of Fast-rotating, Magnetized Super-Chandrasekhar White Dwarfs in the Aftermath of White Dwarf Mergers. Astrophysical Journal, 2018, 857, 134.	4.5	13
14	ON THE CLASSIFICATION OF GRBs AND THEIR OCCURRENCE RATES. Astrophysical Journal, 2016, 832, 136.	4.5	61
15	ON THE INDUCED GRAVITATIONAL COLLAPSE SCENARIO OF GAMMA-RAY BURSTS ASSOCIATED WITH SUPERNOVAE. Astrophysical Journal, 2016, 833, 107.	4.5	47
16	Quasi-static thermal evolution of compact objects. Canadian Journal of Physics, 2015, 93, 920-934.	1.1	1
17	ANGULAR MOMENTUM ROLE IN THE HYPERCRITICAL ACCRETION OF BINARY-DRIVEN HYPERNOVAE. Astrophysical Journal, 2015, 812, 100.	4.5	45