

# Laura Marcela Becerra Bayona

## List of Publications by Year in descending order

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17  
papers

398  
citations

759233

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940533

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17  
docs citations

17  
times ranked

109  
citing authors

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