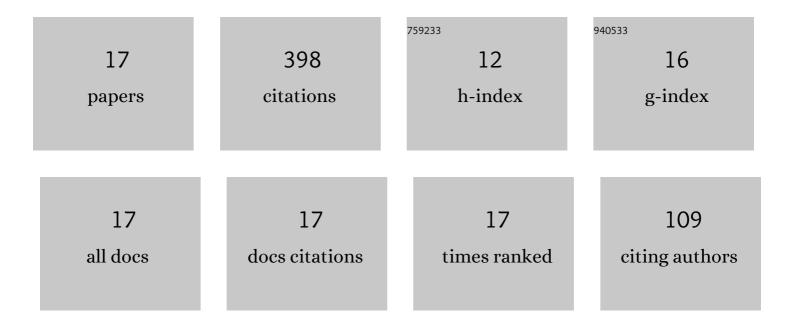
## Laura Marcela Becerra Bayona

List of Publications by Year in descending order

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Laura Marcela Becerra

#	Article	IF	CITATIONS
1	ON THE CLASSIFICATION OF GRBs AND THEIR OCCURRENCE RATES. Astrophysical Journal, 2016, 832, 136.	4.5	61
2	ON THE INDUCED GRAVITATIONAL COLLAPSE SCENARIO OF GAMMA-RAY BURSTS ASSOCIATED WITH SUPERNOVAE. Astrophysical Journal, 2016, 833, 107.	4.5	47
3	ANGULAR MOMENTUM ROLE IN THE HYPERCRITICAL ACCRETION OF BINARY-DRIVEN HYPERNOVAE. Astrophysical Journal, 2015, 812, 100.	4.5	45
4	Early X-Ray Flares in GRBs. Astrophysical Journal, 2018, 852, 53.	4.5	44
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	Two Predictions of Supernova: GRB 130427A/SN 2013cq and GRB 180728A/SN 2018fip. Astrophysical Journal, 2019, 874, 39.	4.5	27
8	Neutrino Oscillations within the Induced Gravitational Collapse Paradigm of Long Gamma-Ray Bursts. Astrophysical Journal, 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. Astrophysical Journal, 2018, 869, 151.	4.5	19
10	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
11	On the Rate and on the Gravitational Wave Emission of Short and Long GRBs. Astrophysical Journal, 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. Astrophysical Journal, 2018, 857, 134.	4.5	13
13	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
14	Time evolution of rotating and magnetized white dwarf stars. Monthly Notices of the Royal Astronomical Society, 2019, 487, 812-818.	4.4	6
15	On the Induced Gravitational Collapse: SPH Simulations. Astronomy Reports, 2018, 62, 840-846.	0.9	2
16	Quasi-static thermal evolution of compact objects. Canadian Journal of Physics, 2015, 93, 920-934.	1.1	1
17	Simulating the induced gravitational collapse scenario of long gamma-ray bursts. International Journal of Modern Physics A, 2018, 33, 1844031.	1.5	1