

# J A Rueda

## List of Publications by Year in descending order

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27  
papers

600  
citations

471509

17  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gravitomagnetic Interaction of a Kerr Black Hole with a Magnetic Field as the Source of the Jetted GeV Radiation of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2022, 929, 56.	4.5	21
2	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
3	The newborn black hole in GRB 191014C proves that it is alive. <i>Astronomy and Astrophysics</i> , 2021, 649, A75.	5.1	21
4	An Update of the Binary-Driven Hypernovae Scenario of Long Gamma-Ray Bursts. <i>Astronomy Reports</i> , 2021, 65, 1026-1029.	0.9	3
5	Magnetic Fields and Afterglows of BdHNe: Inferences from GRB 130427A, GRB 160509A, GRB 160625B, GRB 180728A, and GRB 190114C. <i>Astrophysical Journal</i> , 2020, 893, 148.	4.5	25
6	The blackholic quantum. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	24
7	Induced Gravitational Collapse, Binary-Driven Hypernovae, Long Gamma-ray Bursts and Their Connection with Short Gamma-ray Bursts. <i>Universe</i> , 2019, 5, 110.	2.5	16
8	Two Predictions of Supernova: GRB 130427A/SN 2013cq and GRB 180728A/SN 2018fip. <i>Astrophysical Journal</i> , 2019, 874, 39.	4.5	27
9	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
10	On the GeV Emission of the Type I BdHN GRB 130427A. <i>Astrophysical Journal</i> , 2019, 886, 82.	4.5	33
11	Evolution of an electron-positron plasma produced by induced gravitational collapse in binary-driven hypernovae. <i>EPJ Web of Conferences</i> , 2018, 168, 04009.	0.3	1
12	Early X-Ray Flares in GRBs. <i>Astrophysical Journal</i> , 2018, 852, 53.	4.5	44
13	Neutrino Oscillations within the Induced Gravitational Collapse Paradigm of Long Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2018, 852, 120.	4.5	21
14	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
15	On the Induced Gravitational Collapse: SPH Simulations. <i>Astronomy Reports</i> , 2018, 62, 840-846.	0.9	2
16	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
17	Structure of the Prompt Emission of GRB 151027A Within the Fireshell Model. <i>Astronomy Reports</i> , 2018, 62, 933-939.	0.9	0
18	A GRB Afterglow Model Consistent with Hypernova Observations. <i>Astrophysical Journal</i> , 2018, 869, 101.	4.5	25

#	ARTICLE	IF	CITATIONS
19	The binary progenitors of short and long GRBs and their gravitational-wave emission. EPJ Web of Conferences, 2018, 168, 01006.	0.3	1
20	On the Rate and on the Gravitational Wave Emission of Short and Long GRBs. Astrophysical Journal, 2018, 859, 30.	4.5	14
21	GRB 081024B and GRB 140402A: Two Additional Short GRBs from Binary Neutron Star Mergers. Astrophysical Journal, 2017, 844, 83.	4.5	11
22	ON THE INDUCED GRAVITATIONAL COLLAPSE SCENARIO OF GAMMA-RAY BURSTS ASSOCIATED WITH SUPERNOVAE. Astrophysical Journal, 2016, 833, 107.	4.5	47
23	Neutron-Star-Black-Hole Binaries Produced by Binary-Driven Hypernovae. Physical Review Letters, 2015, 115, 231102.	7.8	40
24	GRB 130427A AND SN 2013cq: A MULTI-WAVELENGTH ANALYSIS OF AN INDUCED GRAVITATIONAL COLLAPSE EVENT. Astrophysical Journal, 2015, 798, 10.	4.5	33
25	Novel distance indicator for gamma-ray bursts associated with supernovae. Astronomy and Astrophysics, 2013, 552, L5.	5.1	30
26	A double component in GRB 090618: a proto-black hole and a genuinely long gamma-ray burst. Astronomy and Astrophysics, 2012, 543, A10.	5.1	51
27	GRB 090618: a candidate for a neutron star gravitational collapse onto a black hole induced by a type Ib/c supernova. Astronomy and Astrophysics, 2012, 548, L5.	5.1	38