

Cesar Rojas-Bravo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,564
citations

331670

21
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

3328
citing authors

#	ARTICLE	IF	CITATIONS
1	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	12.6	811
2	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	12.6	517
3	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	12.6	203
4	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	10.1	136
5	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	8.3	101
6	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am ⁺ . <i>Astrophysical Journal</i> , 2018, 853, 62.	4.5	87
7	Discovery and follow-up of ASASSN-19dj: an X-ray and UV luminous TDE in an extreme post-starburst galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1673-1696.	4.4	64
8	Final Moments. I. Precursor Emission, Envelope Inflation, and Enhanced Mass Loss Preceding the Luminous Type II Supernova 2020tlf. <i>Astrophysical Journal</i> , 2022, 924, 15.	4.5	59
9	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source*. <i>Astrophysical Journal Letters</i> , 2017, 848, L30.	8.3	54
10	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	4.5	52
11	The tidal disruption event AT2017eqx: spectroscopic evolution from hydrogen rich to poor suggests an atmosphere and outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1878-1893.	4.4	49
12	A cool and inflated progenitor candidate for the Type Ib supernova 2019yvr at 2.6 $\hat{\text{A}}$ yr before explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2073-2093.	4.4	48
13	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. <i>Astrophysical Journal</i> , 2020, 898, 166.	4.5	48
14	The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times. <i>Astrophysical Journal</i> , 2020, 898, 161.	4.5	41
15	SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. <i>Astrophysical Journal</i> , 2021, 923, 265.	4.5	40
16	To TDE or not to TDE: the luminous transient ASASSN-18jd with TDE-like and AGN-like qualities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2538-2560.	4.4	34
17	Search for gamma-ray emission from star-forming galaxies with <i>Fermi</i> /LAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1068-1073.	4.4	31
18	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017, 848, L26.	8.3	31

#	ARTICLE	IF	CITATIONS
19	Tidal Disruption Event Hosts Are Green and Centrally Concentrated: Signatures of a Post-merger System. <i>Astrophysical Journal Letters</i> , 2021, 908, L20.	8.3	30
20	SN 2013aa and SN 2017cbv: Two Sibling Type Ia Supernovae in the Spiral Galaxy NGC 5643. <i>Astrophysical Journal</i> , 2020, 895, 118.	4.5	26
21	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. <i>Astrophysical Journal</i> , 2022, 924, 55.	4.5	22
22	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star–Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021, 923, 258.	4.5	19
23	Discovery of a Fast Iron Low-ionization Outflow in the Early Evolution of the Nearby Tidal Disruption Event AT 2019qiz. <i>Astrophysical Journal</i> , 2021, 917, 9.	4.5	17
24	SN 2019muj – a well-observed Type Ia supernova that bridges the luminosity gap of the class. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1078-1099.	4.4	14
25	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	4.5	10
26	X-ray limits on the progenitor system of the Type Ia supernova 2017ejb. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4123-4132.	4.4	9
27	SN2017jgh: a high-cadence complete shock cooling light curve of a SN Ia with the <i>Kepler</i> telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3125-3138.	4.4	7
28	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary. <i>Astrophysical Journal</i> , 2021, 920, 127.	4.5	4