

Brajesh Kumar

List of Publications by Year in descending order

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papers

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567281

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times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	SN 2020sck: Deflagration in a Carbon-Oxygen White Dwarf. <i>Astrophysical Journal</i> , 2022, 925, 217.	4.5	10
2	Upcoming 4m ILMT facility and data reduction pipeline testing. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, 1.	1.0	3
3	Investigating the Observational Properties of Type Ib Supernova SN 2017iro. <i>Astrophysical Journal</i> , 2022, 927, 61.	4.5	1
4	SN 2020jfo: A Short-plateau Type II Supernova from a Low-mass Progenitor. <i>Astrophysical Journal</i> , 2022, 930, 34.	4.5	11
5	MUSSES2020j: The Earliest Discovery of a Fast Blue Ultraluminous Transient at Redshift 1.063. <i>Astrophysical Journal Letters</i> , 2022, 933, L36.	8.3	7
6	SN 2020ank: a bright and fast-evolving H-deficient superluminous supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1678-1693.	4.4	11
7	SN 2017hpa: a carbon-rich Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 896-910.	4.4	3
8	Intermediate luminosity type Iax supernova 2019muj with narrow absorption lines: Long-lasting radiation associated with a possible bound remnant predicted by the weak deflagration model. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 1295-1314.	2.5	10
9	Photometric, polarimetric, and spectroscopic studies of the luminous, slow-decaying Type Ib SN 2012au. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1229-1253.	4.4	18
10	Photometric and spectroscopic evolution of the peculiar Type IIn SN 2012ab. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 129-148.	4.4	9
11	Optical studies of two stripped-envelope supernovae – SN 2015ap (Type Ib) and SN 2016P (Type Ic). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3770-3789.	4.4	8
12	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020, 895, 31.	4.5	14
13	Flash Ionization Signatures in the Type Ibn Supernova SN 2019uo. <i>Astrophysical Journal</i> , 2020, 889, 170.	4.5	15
14	SN 2010kd: Photometric and Spectroscopic Analysis of a Slow-decaying Superluminous Supernova. <i>Astrophysical Journal</i> , 2020, 892, 28.	4.5	15
15	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145.	4.5	69
16	Observational Signature of Circumstellar Interaction and ^{56}Ni -mixing in the Type II Supernova 2016gfy. <i>Astrophysical Journal</i> , 2019, 882, 68.	4.5	12
17	SN 2018hna: 1987A-like Supernova with a Signature of Shock Breakout. <i>Astrophysical Journal Letters</i> , 2019, 882, L15.	8.3	13
18	On the observational behaviour of the highly polarized Type IIn supernova SN 2017hcc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3089-3099.	4.4	16

#	ARTICLE	IF	CITATIONS
19	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1031-1049.	4.4	136
20	SN 2016B a.k.a. ASASSN-16ab: a transitional Type II supernova. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2850-2872.	4.4	3
21	Observational properties of a Type Ib supernova MASTER OT J120451.50+265946.6 in NGC 4080. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5438-5452.	4.4	6
22	Exploring the optical behaviour of a Type Iax supernova SN 2014dt. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2551-2563.	4.4	13
23	The zenithal 4-m International Liquid Mirror Telescope: a unique facility for supernova studies. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2075-2085.	4.4	7
24	ASASSN-14dq: a fast-declining Type II-P supernova in a low-luminosity host galaxy. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2475-2500.	4.4	13
25	ASASSN-16fp (SN 2016coi): a transitional supernova between Type Ic and broad-lined Ic. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3776-3788.	4.4	15
26	SN 2015as: a low-luminosity Type IIb supernova without an early light-curve peak. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3611-3630.	4.4	10
27	Optical and NIR observations of the nearby type Ia supernova SN 2014J. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1000-1014.	4.4	24
28	Broad-band polarimetric investigation of the Type II-plateau supernova 2013ej. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3157-3167.	4.4	20
29	Photometric and polarimetric observations of fast declining Type II supernovae 2013hj and 2014G. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2712-2730.	4.4	20
30	SN 2013ab: a normal Type IIP supernova in NGC 5669. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2373-2392.	4.4	47
31	Broad-band polarimetric follow-up of Type IIP SN 2012aw. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2-12.	4.4	11
32	Supernova 2012aw – a high-energy clone of archetypal Type IIP SN 1999em. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1871-1891.	4.4	74
33	SN 2007uy – metamorphosis of an aspheric Type Ib explosion. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2032-2050.	4.4	25
34	Light curve and spectral evolution of the Type IIb supernova 2011fu. Monthly Notices of the Royal Astronomical Society, 2013, 431, 308-321.	4.4	45
35	SN 2008gz - most likely a normal Type IIP event. Monthly Notices of the Royal Astronomical Society, 2011, 414, 167-183.	4.4	16
36	SN 2008in – BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP. Astrophysical Journal, 2011, 736, 76.	4.5	68

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37	Probing into emission mechanisms of GRB ^{190530A} using time-resolved spectra and polarization studies: Synchrotron Origin?. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	6