

# Griffin Hosseinzadeh

## List of Publications by Year in descending order

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101  
papers

8,539  
citations

81839

39  
h-index

43868

91  
g-index

101  
all docs

101  
docs citations

101  
times ranked

9996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Still Brighter than Pre-explosion, SN 2012Z Did Not Disappear: Comparing Hubble Space Telescope Observations a Decade Apart. <i>Astrophysical Journal</i> , 2022, 925, 138.	1.6	17
2	Infant-phase reddening by surface Fe-peak elements in a normal type Ia supernova. <i>Nature Astronomy</i> , 2022, 6, 568-576.	4.2	17
3	Circumstellar Interaction Powers the Light Curves of Luminous Rapidly Evolving Optical Transients. <i>Astrophysical Journal</i> , 2022, 926, 125.	1.6	20
4	Evidence for X-Ray Emission in Excess to the Jet-afterglow Decay 3.5 yr after the Binary Neutron Star Merger GW 170817: A New Emission Component. <i>Astrophysical Journal Letters</i> , 2022, 927, L17.	3.0	41
5	Close, bright, and boxy: the superluminous SN 2018hti. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4484-4502.	1.6	5
6	A Systematic Exploration of Kilonova Candidates from Neutron Star Mergers during the Third Gravitational-wave Observing Run. <i>Astrophysical Journal</i> , 2022, 927, 50.	1.6	6
7	Evolution of a Peculiar Type Ibn Supernova SN 2019wep. <i>Astrophysical Journal</i> , 2022, 930, 127.	1.6	2
8	Optical Observations and Modeling of the Superluminous Supernova 2018lfe. <i>Astrophysical Journal</i> , 2022, 931, 32.	1.6	1
9	Constraining the Time of Gravitational-wave Emission from Core-collapse Supernovae. <i>Astrophysical Journal</i> , 2022, 931, 159.	1.6	4
10	Bumpy Declining Light Curves Are Common in Hydrogen-poor Superluminous Supernovae. <i>Astrophysical Journal</i> , 2022, 933, 14.	1.6	23
11	Constraining the Progenitor System of the Type Ia Supernova 2021aefx. <i>Astrophysical Journal Letters</i> , 2022, 933, L45.	3.0	18
12	The Early Discovery of SN 2017ahn: Signatures of Persistent Interaction in a Fast-declining Type II Supernova. <i>Astrophysical Journal</i> , 2021, 907, 52.	1.6	22
13	SN 2017gci: a nearby Type I Superluminous Supernova with a bumpy tail. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2120-2139.	1.6	16
14	Late-time Observations of Calcium-rich Transient SN 2019ehk Reveal a Pure Radioactive Decay Power Source. <i>Astrophysical Journal Letters</i> , 2021, 908, L32.	3.0	14
15	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. <i>Astrophysical Journal</i> , 2021, 909, 100.	1.6	2
16	SN 2017hpa: A Nearby Carbon-rich Type Ia Supernova with a Large Velocity Gradient. <i>Astrophysical Journal</i> , 2021, 909, 176.	1.6	2
17	The Peculiar Transient AT2018cow: A Possible Origin of a Type Ibn/Iln Supernova. <i>Astrophysical Journal</i> , 2021, 910, 42.	1.6	25
18	Late-time Radio and Millimeter Observations of Superluminous Supernovae and Long Gamma-Ray Bursts: Implications for Central Engines, Fast Radio Bursts, and Obscured Star Formation. <i>Astrophysical Journal</i> , 2021, 912, 21.	1.6	18

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19	Luminous Type II Short-Plateau Supernovae 2006Y, 2006ai, and 2016egz: A Transitional Class from Stripped Massive Red Supergiants. <i>Astrophysical Journal</i> , 2021, 913, 55.	1.6	20
20	The Luminous and Double-peaked Type Ic Supernova 2019stc: Evidence for Multiple Energy Sources. <i>Astrophysical Journal</i> , 2021, 913, 143.	1.6	19
21	The electron-capture origin of supernova 2018zd. <i>Nature Astronomy</i> , 2021, 5, 903-910.	4.2	47
22	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29.	3.0	56
23	A Deep-learning Approach for Live Anomaly Detection of Extragalactic Transients. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 24.	3.0	22
24	SN 2017fgc: A Fast-expanding Type Ia Supernova Exploded in Massive Shell Galaxy NGC 474. <i>Astrophysical Journal</i> , 2021, 919, 49.	1.6	10
25	Late-time Hubble Space Telescope Observations of a Hydrogen-poor Superluminous Supernova Reveal the Power-law Decline of a Magnetar Central Engine. <i>Astrophysical Journal</i> , 2021, 921, 64.	1.6	6
26	Magnetar Models of Superluminous Supernovae from the Dark Energy Survey: Exploring Redshift Evolution. <i>Astrophysical Journal</i> , 2021, 921, 180.	1.6	6
27	Near-infrared Supernova Ia Distances: Host Galaxy Extinction and Mass-step Corrections Revisited. <i>Astrophysical Journal</i> , 2021, 923, 237.	1.6	24
28	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	1.6	10
29	An outflow powers the optical rise of the nearby, fast-evolving tidal disruption event AT2019qiz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 482-504.	1.6	58
30	The Tidal Disruption Event AT2018hyz II: Light-curve modelling of a partially disrupted star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1925-1934.	1.6	25
31	The low-luminosity Type II SN2016aqf: a well-monitored spectral evolution of the Ni/Fe abundance ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 361-377.	1.6	10
32	The tidal disruption event AT2018hyz â€“ I. Double-peaked emission lines and a flat Balmer decrement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4119-4133.	1.6	35
33	SN 2014ab: an aspherical Type IIn supernova with low polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3835-3851.	1.6	3
34	SN2017ivv: two years of evolution of a transitional Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 974-992.	1.6	7
35	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020, 895, 31.	1.6	14
36	SN 2017cfd: A Normal Type Ia Supernova Discovered Very Young. <i>Astrophysical Journal</i> , 2020, 892, 142.	1.6	9

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37	SN 2016gsd: an unusually luminous and linear Type II supernova with high velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1761-1781.	1.6	9
38	Flash Ionization Signatures in the Type Ibn Supernova SN 2019uo. <i>Astrophysical Journal</i> , 2020, 889, 170.	1.6	15
39	The long-lived Type IIn SN 2015da: Infrared echoes and strong interaction within an extended massive shell. <i>Astronomy and Astrophysics</i> , 2020, 635, A39.	2.1	29
40	Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau. <i>Astrophysical Journal</i> , 2020, 906, 56.	1.6	12
41	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.	1.6	48
42	The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry. <i>Astrophysical Journal</i> , 2020, 902, 46.	1.6	32
43	FLEET: A Redshift-agnostic Machine Learning Pipeline to Rapidly Identify Hydrogen-poor Superluminous Supernovae. <i>Astrophysical Journal</i> , 2020, 904, 74.	1.6	15
44	Photometric Classification of 2315 Pan-STARRS1 Supernovae with Superphot. <i>Astrophysical Journal</i> , 2020, 905, 93.	1.6	15
45	SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. <i>Astrophysical Journal</i> , 2020, 905, 94.	1.6	43
46	SN 2016iet: The Pulsational or Pair Instability Explosion of a Low-metallicity Massive CO Core Embedded in a Dense Hydrogen-poor Circumstellar Medium. <i>Astrophysical Journal</i> , 2019, 881, 87.	1.6	28
47	SN 2015an: a normal luminosity type II supernova with low expansion velocity at early phases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1605-1619.	1.6	4
48	Follow-up of the Neutron Star Bearing Gravitational-wave Candidate Events S190425z and S190426c with MMT and SOAR. <i>Astrophysical Journal Letters</i> , 2019, 880, L4.	3.0	63
49	The Type IIP Supernova 2017eaw: From Explosion to the Nebular Phase. <i>Astrophysical Journal</i> , 2019, 876, 19.	1.6	42
50	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019, 870, 12.	1.6	60
51	Type Ibn Supernovae May not all Come from Massive Stars. <i>Astrophysical Journal Letters</i> , 2019, 871, L9.	3.0	32
52	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1559-1578.	1.6	90
53	Analysis of broad-lined Type Ic supernovae from the (intermediate) Palomar Transient Factory. <i>Astronomy and Astrophysics</i> , 2019, 621, A71.	2.1	59
54	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. <i>Astrophysical Journal</i> , 2019, 873, 92.	1.6	69

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55	Observations of SN 2017ein Reveal Shock Breakout Emission and a Massive Progenitor Star for a Type Ic Supernova. <i>Astrophysical Journal</i> , 2019, 871, 176.	1.6	27
56	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2019, 870, L1.	3.0	80
57	Signatures of circumstellar interaction in the Type III supernova ASASSN-15oz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5120-5141.	1.6	23
58	Red and Reddened: Ultraviolet through Near-infrared Observations of Type Ia Supernova 2017erp*. <i>Astrophysical Journal</i> , 2019, 877, 152.	1.6	22
59	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. <i>Astronomy and Astrophysics</i> , 2019, 630, A76.	2.1	35
60	Two Years of Nonthermal Emission from the Binary Neutron Star Merger GW170817: Rapid Fading of the Jet Afterglow and First Constraints on the Kilonova Fastest Ejecta. <i>Astrophysical Journal Letters</i> , 2019, 886, L17.	3.0	117
61	1ES 1927+654: An AGN Caught Changing Look on a Timescale of Months. <i>Astrophysical Journal</i> , 2019, 883, 94.	1.6	95
62	A Galaxy-targeted Search for the Optical Counterpart of the Candidate NS+BH Merger S190814bv with Magellan. <i>Astrophysical Journal Letters</i> , 2019, 884, L55.	3.0	50
63	A new class of flares from accreting supermassive black holes. <i>Nature Astronomy</i> , 2019, 3, 242-250.	4.2	57
64	A luminous stellar outburst during a long-lasting eruptive phase first, and then SN II in 2018cnf. <i>Astronomy and Astrophysics</i> , 2019, 628, A93.	2.1	13
65	Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a Normal, Massive, Metal-rich Spiral Galaxy. <i>Astrophysical Journal</i> , 2018, 853, 57.	1.6	60
66	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. <i>Astrophysical Journal</i> , 2018, 853, 62.	1.6	87
67	Short-lived Circumstellar Interaction in the Low-luminosity Type IIP SN 2016bkv. <i>Astrophysical Journal</i> , 2018, 861, 63.	1.6	52
68	A nearby super-luminous supernova with a long pre-maximum & plateau and strong Ca II features. <i>Astronomy and Astrophysics</i> , 2018, 620, A67.	2.1	36
69	Oxygen and helium in stripped-envelope supernovae. <i>Astronomy and Astrophysics</i> , 2018, 618, A37.	2.1	26
70	SN 2015ba: a Type IIP supernova with a long plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2421-2442.	1.6	14
71	SN 2016coi/ASASSN-16fp: an example of residual helium in a type Ic supernova?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4162-4192.	1.6	37
72	The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package. <i>Astronomical Journal</i> , 2018, 156, 123.	1.9	4,142

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73	Nebular Spectroscopy of the "Blue Bump" Type Ia Supernova 2017cbv. <i>Astrophysical Journal</i> , 2018, 863, 24.	1.6	50
74	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. <i>Astrophysical Journal</i> , 2018, 852, 100.	1.6	49
75	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3232-3253.	1.6	26
76	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , 2018, 2, 574-579.	4.2	26
77	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017, 836, 158.	1.6	79
78	Discovery and Follow-up Observations of the Young Type Ia Supernova 2016coj. <i>Astrophysical Journal</i> , 2017, 841, 64.	1.6	16
79	Early observations of the nearby Type Ia supernova SN 2015F. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4476-4494.	1.6	33
80	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , 2017, 1, .	4.2	154
81	Hydrogen-poor Superluminous Supernovae with Late-time H $\beta$ Emission: Three Events From the Intermediate Palomar Transient Factory. <i>Astrophysical Journal</i> , 2017, 848, 6.	1.6	91
82	Optical emission from a kilonova following a gravitational-wave-detected neutron-star merger. <i>Nature</i> , 2017, 551, 64-66.	13.7	417
83	The Rapid Reddening and Featureless Optical Spectra of the Optical Counterpart of GW170817, AT 2017gfo, during the First Four Days. <i>Astrophysical Journal Letters</i> , 2017, 848, L32.	3.0	129
84	Optical Follow-up of Gravitational-wave Events with Las Cumbres Observatory. <i>Astrophysical Journal Letters</i> , 2017, 848, L33.	3.0	80
85	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017, 844, 46.	1.6	111
86	Early Blue Excess from the Type Ia Supernova 2017cbv and Implications for Its Progenitor. <i>Astrophysical Journal Letters</i> , 2017, 845, L11.	3.0	120
87	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. <i>Nature</i> , 2017, 551, 210-213.	13.7	112
88	LSQ14efd: observations of the cooling of a shock break-out event in a type Ic Supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2463-2480.	1.6	10
89	Constraints on the Progenitor of SN 2016gkg from Its Shock-cooling Light Curve. <i>Astrophysical Journal Letters</i> , 2017, 837, L2.	3.0	49
90	Nebular-phase spectra of nearby Type Ia Supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3437-3454.	1.6	53

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91	Early Blue Excess from the Type Ia Supernova 2017cbv. Proceedings of the International Astronomical Union, 2017, 14, 47-49.	0.0	0
92	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. Astrophysical Journal Letters, 2017, 836, L12.	3.0	49
93	Time-varying sodium absorption in the Type Ia supernova 2013gh. Astronomy and Astrophysics, 2016, 592, A40.	2.1	14
94	OPTICAL AND ULTRAVIOLET OBSERVATIONS OF THE VERY YOUNG TYPE IIP SN 2014cx IN NGC 337. Astrophysical Journal, 2016, 832, 139.	1.6	19
95	M31N 2008-12aâ€”THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. Astrophysical Journal, 2016, 833, 149.	1.6	50
96	The diversity of Type II supernova versus the similarity in their progenitors. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3939-3962.	1.6	227
97	The multifaceted Type II-L supernova 2014G from pre-maximum to nebular phase. Monthly Notices of the Royal Astronomical Society, 2016, 462, 137-157.	1.6	55
98	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	1.6	133
99	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. Astrophysical Journal Letters, 2016, 828, L18.	3.0	88
100	Massive stars exploding in a He-rich circumstellar medium â€” VII. The metamorphosis of ASASSN-15ed from a narrow line Type Ibn to a normal Type Ib Supernova. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3650-3662.	1.6	21
101	AT2017be - a new member of the class of Intermediate-Luminosity Red Transients. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6