

# Erik C Kool

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

969  
citations

394421

19  
h-index

434195

31  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1380  
citing authors

#	ARTICLE	IF	CITATIONS
1	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Starâ€“Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131.	4.5	74
2	Optical follow-up of the neutron starâ€“black hole mergers S200105ae and S200115j. <i>Nature Astronomy</i> , 2021, 5, 46-53.	10.1	71
3	Observational constraints on the optical and near-infrared emission from the neutron starâ€“black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020, 643, A113.	5.1	70
4	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. <i>Nature Astronomy</i> , 2021, 5, 917-927.	10.1	69
5	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
6	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. <i>Astrophysical Journal</i> , 2021, 907, 99.	4.5	59
7	A WC/WO star exploding within an expanding carbonâ€“oxygenâ€“neon nebula. <i>Nature</i> , 2022, 601, 201-204.	27.8	48
8	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5138-5147.	4.4	44
9	Fast-transient Searches in Real Time with ZTFReST: Identification of Three Optically Discovered Gamma-Ray Burst Afterglows and New Constraints on the Kilonova Rate. <i>Astrophysical Journal</i> , 2021, 918, 63.	4.5	42
10	Candidate Tidal Disruption Event AT2019fdr Coincident with a High-Energy Neutrino. <i>Physical Review Letters</i> , 2022, 128, .	7.8	41
11	Near-infrared counterparts of ultraluminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1054-1067.	4.4	40
12	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolfâ€“Rayet Stars. <i>Astrophysical Journal</i> , 2022, 927, 180.	4.5	35
13	GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. <i>Astrophysical Journal Letters</i> , 2019, 881, L16.	8.3	30
14	AT2017gbl: a dust obscured TDE candidate in a luminous infrared galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2167-2195.	4.4	29
15	Star formation and AGN activity in a sample of local luminous infrared galaxies through multiwavelength characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1634-1651.	4.4	26
16	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. <i>Astrophysical Journal</i> , 2020, 904, 155.	4.5	26
17	The Deepest Radio Observations of Nearby SNe Ia: Constraining Progenitor Types and Optimizing Future Surveys. <i>Astrophysical Journal</i> , 2020, 890, 159.	4.5	24
18	First results from GeMS/GSAOI for project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5641-5657.	4.4	21

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19	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 18.	7.7	21
20	Cross-modal visuo-haptic mental rotation: comparing objects between senses. <i>Experimental Brain Research</i> , 2010, 203, 621-627.	1.5	13
21	A 62-minute orbital period black widow binary in a wide hierarchical triple. <i>Nature</i> , 2022, 605, 41-45.	27.8	13
22	Classical Novae at Radio Wavelengths. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 49.	7.7	12
23	Optimizing Cadences with Realistic Light-curve Filtering for Serendipitous Kilonova Discovery with Vera Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 5.	7.7	12
24	SNIAScore: Deep-learning Classification of Low-resolution Supernova Spectra. <i>Astrophysical Journal Letters</i> , 2021, 917, L2.	8.3	11
25	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. <i>Astrophysical Journal Letters</i> , 2021, 911, L35.	8.3	10
26	The Type II supernova SN 2020jfo in M 61, implications for progenitor system, and explosion dynamics. <i>Astronomy and Astrophysics</i> , 2021, 655, A105.	5.1	10
27	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 10.	4.5	10
28	Two $\hat{c}$ ™s in a pod: cosmology-independent measurement of the Type Ia supernova colour- $\hat{c}$ ™ luminosity relation with a sibling pair. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5340-5356.	4.4	9
29	Faintest of Them All: ZTF 21aaoryiz/SN 2021fcg- $\hat{c}$ ™ Discovery of an Extremely Low Luminosity Type Ia $\hat{c}$ ™ Supernova. <i>Astrophysical Journal Letters</i> , 2021, 921, L6.	8.3	8
30	SN 2020bjj: A Type Ibn supernova with a long-lasting peak plateau. <i>Astronomy and Astrophysics</i> , 2021, 652, A136.	5.1	7
31	SN 1978K: An evolved supernova outside our Local Group detected at millimetre wavelengths. <i>Astronomy and Astrophysics</i> , 2016, 595, L9.	5.1	4
32	Core-collapse supernova subtypes in luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , 2021, 649, A134.	5.1	4
33	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40.	4.5	3
34	ALMA, ATCA, and Spitzer Observations of the Luminous Extragalactic Supernova SN 1978K. <i>Astrophysical Journal</i> , 2019, 870, 59.	4.5	2
35	New radio observations of the Type II $\hat{c}$ ™ Supernova 1978K. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 444-444.	0.0	0
36	First results from Project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 416-416.	0.0	0

#	ARTICLE	IF	CITATIONS
37	High angular resolution radio and infrared view of optically dark supernovae in luminous infrared galaxies. Proceedings of the International Astronomical Union, 2016, 12, 332-336.	0.0	0
38	First Results from Project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. Proceedings of the International Astronomical Union, 2017, 14, 322-322.	0.0	0