

Enrico Cappellaro

List of Publications by Year in descending order

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87
papers

6,470
citations

43973

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69108

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87
all docs

87
docs citations

87
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	The Metamorphosis of SN 1998bw. <i>Astrophysical Journal</i> , 2001, 555, 900-917.	1.6	344
2	Detection of Circumstellar Material in a Normal Type Ia Supernova. <i>Science</i> , 2007, 317, 924-926.	6.0	313
3	The Discovery of the Electromagnetic Counterpart of GW170817: Kilonova AT 2017gfo/DLT17ck. <i>Astrophysical Journal Letters</i> , 2017, 848, L24.	3.0	309
4	Photometry and spectroscopy of the Type IIP SN 1999em from outburst to dust formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 939-956.	1.6	260
5	Slowly fading super-luminous supernovae that are not pair-instability explosions. <i>Nature</i> , 2013, 502, 346-349.	13.7	226
6	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013, 767, 1.	1.6	207
7	Low-luminosity Type II supernovae: spectroscopic and photometric evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 74-94.	1.6	205
8	The Metamorphosis of Supernova SN 2008D/XRF 080109: A Link Between Supernovae and GRBs/Hypernovae. <i>Science</i> , 2008, 321, 1185-1188.	6.0	191
9	SN 2005cs in M51 - II. Complete evolution in the optical and the near-infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 2266-2282.	1.6	185
10	A low-energy core-collapse supernova without a hydrogen envelope. <i>Nature</i> , 2009, 459, 674-677.	13.7	159
11	SN 2008S: an electron-capture SN from a super-AGB progenitor?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1041-1068.	1.6	151
12	Direct Analysis of Spectra of Type Ib Supernovae. <i>Astrophysical Journal</i> , 2002, 566, 1005-1017.	1.6	147
13	Peculiar, low-luminosity Type II supernovae: low-energy explosions in massive progenitors?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 711-716.	1.6	139
14	Nebular emission-line profiles of Type Ib/c supernovae - probing the ejecta asphericity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 677-694.	1.6	138
15	Variety in Supernovae. , 0, , 200-209.		129
16	Optical and near-infrared coverage of SN 2004et: physical parameters and comparison with other Type IIP supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 404, 981-1004.	1.6	125
17	Low luminosity Type II supernovae â€œ II. Pointing towards moderate mass precursors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2873-2892.	1.6	123
18	Cepheid calibration of Type Ia supernovae and the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1344-1352.	1.6	120

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19	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernova... Monthly Notices of the Royal Astronomical Society, 2011, 416, 3138-3159.	1.6	114
20	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. Astrophysical Journal, 2012, 753, 67.	1.6	103
21	Constraints on Type Ib/c Supernovae and Gamma-Ray Burst Progenitors. Publications of the Astronomical Society of the Pacific, 2007, 119, 1211-1232.	1.0	101
22	Can Differences in the Nickel Abundance in Chandrasekhar-Mass Models Explain the Relation between the Brightness and Decline Rate of Normal Type Ia Supernovae?. Astrophysical Journal, 2001, 547, 988-994.	1.6	100
23	The Carbon-rich Type Ic SN 2007gr: The Photospheric Phase. Astrophysical Journal, 2008, 673, L155-L158.	1.6	99
24	Detection of a Light Echo from SN 1998[CLC]bu[/CLC]. Astrophysical Journal, 2001, 549, L215-L218.	1.6	93
25	Comparison of progenitor mass estimates for the Type IIP SN 2012A. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1636-1657.	1.6	88
26	Type II Supernova Spectral Diversity. I. Observations, Sample Characterization, and Spectral Line Evolution*. Astrophysical Journal, 2017, 850, 89.	1.6	87
27	The template type Ia supernova 1996X. Monthly Notices of the Royal Astronomical Society, 2001, 321, 254-268.	1.6	86
28	EC-SNe FROM SUPER-ASYMPTOTIC GIANT BRANCH PROGENITORS: THEORETICAL MODELS VERSUS OBSERVATIONS. Astrophysical Journal, 2009, 705, L138-L142.	1.6	86
29	The Type IIP SN 2007od in UGC 12846: from a bright maximum to dust formation in the nebular phase*. Monthly Notices of the Royal Astronomical Society, 2011, 417, 261-279.	1.6	79
30	The He-rich stripped-envelope core-collapse supernova 2008ax... Monthly Notices of the Royal Astronomical Society, 2011, 413, 2140-2156.	1.6	76
31	Supernova 2002ic: The Collapse of a Stripped-Envelope, Massive Star in a Dense Medium?. Astrophysical Journal, 2006, 653, L129-L132.	1.6	74
32	THE TYPE IIP SUPERNOVA 2012aw IN M95: HYDRODYNAMICAL MODELING OF THE PHOTOSPHERIC PHASE FROM ACCURATE SPECTROPHOTOMETRIC MONITORING. Astrophysical Journal, 2014, 787, 139.	1.6	72
33	A new measurement of the Hubble constant using Type Ia supernovae calibrated with surface brightness fluctuations. Astronomy and Astrophysics, 2021, 647, A72.	2.1	72
34	ULTRAVIOLET SPECTROSCOPY OF SUPERNOVAE: THE FIRST TWO YEARS OF <i>SWIFT</i> OBSERVATIONS. Astrophysical Journal, 2009, 700, 1456-1472.	1.6	70
35	The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2014, 441, 289-303.	1.6	70
36	The fading of supernova 1997D. Monthly Notices of the Royal Astronomical Society, 2001, 322, 361-368.	1.6	68

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37	A SPECTROSCOPICALLY NORMAL TYPE Ic SUPERNOVA FROM A VERY MASSIVE PROGENITOR. <i>Astrophysical Journal Letters</i> , 2012, 749, L28.	3.0	68
38	The bright Type IIP SN 2009bw, showing signs of interaction~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1122-1139.	1.6	67
39	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
40	The type IIn supernova 1995G: interaction with the circumstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 27-38.	1.6	59
41	SN 1999E: another piece in the supernova-gamma-ray burst connection puzzle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 191-196.	1.6	56
42	Optical and Near-Infrared Photometry of the Type Ia Supernova 2000E in NGC 6951. <i>Astrophysical Journal</i> , 2003, 595, 779-793.	1.6	56
43	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. <i>Astrophysical Journal</i> , 2009, 691, 1348-1359.	1.6	56
44	PESSTO monitoring of SN 2012hn: further heterogeneity among faint Type I supernovae~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1519-1533.	1.6	56
45	SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1807-1828.	1.6	54
46	A Study of SN 1992H in NGC 5377. <i>Astronomical Journal</i> , 1996, 111, 1286.	1.9	53
47	SN 2009ib: a Type II-P supernova with an unusually long plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3137-3154.	1.6	52
48	Why Are Radio Galaxies Prolific Producers of Type Ia Supernovae?. <i>Astrophysical Journal</i> , 2005, 629, 750-756.	1.6	50
49	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	1.6	49
50	Optical and Infrared Observations of the Supernova SN 1999el. <i>Astrophysical Journal</i> , 2002, 573, 144-156.	1.6	49
51	The Type Ib SN 1999dn: one year of photometric and spectroscopic monitoring~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2726-2738.	1.6	44
52	Abundance stratification in Type Ia supernovae " IV. The luminous, peculiar SN 1991T. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 711-725.	1.6	41
53	Lunar Gravitational-wave Antenna. <i>Astrophysical Journal</i> , 2021, 910, 1.	1.6	41
54	Reflections on reflexions - II. Effects of light echoes on the luminosity and spectra of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1949-1960.	1.6	40

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55	The Rate of Supernovae: Biases and Uncertainties. , 1997, , 77-86. The Luminous Type Ic Supernova 1992ar at documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{enewcommandmdefault{wncy} anewcommandsfdefault{wncyss} anewcommandencodingdefault{OT2} ormalfont selectfont} DeclareTextFontCommand{extcyr}		39
56	Production of Very Light Elements and Strontium in the Early Ejecta of Neutron Star Mergers. Astrophysical Journal, 2022, 925, 22.	1.6	39
57	Production of Very Light Elements and Strontium in the Early Ejecta of Neutron Star Mergers. Astrophysical Journal, 2022, 925, 22.	1.6	33
58	Active and Star-forming Galaxies and Their Supernovae. Astronomical Journal, 2005, 129, 1369-1380.	1.9	31
59	The rate of (type IA) SNE in elliptical galaxies. Astronomical Journal, 1994, 108, 202.	1.9	31
60	An Empirical Limit on the Kilonova Rate from the DLT40 One Day Cadence Supernova Survey. Astrophysical Journal Letters, 2017, 851, L48.	3.0	30
61	Supernova Types and Rates. Astrophysics and Space Science Library, 2001, , 199-214.	1.0	30
62	<i>GALEX</i> Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae. Astrophysical Journal, 2008, 685, L117-L120.	1.6	29
63	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium^{âˆ—}. Astrophysical Journal Letters, 2018, 854, L14.	3.0	28
64	The exceptionally bright Type Ib supernova 1991D. Monthly Notices of the Royal Astronomical Society, 2002, 336, 91-96.	1.6	23
65	Asiago Supernova classification program: Blowing out the first two hundred candles. Astronomische Nachrichten, 2014, 335, 841-849.	0.6	21
66	Interacting supernovae and supernova impostors. SN 2007sv: the major eruption of a massive star in UGC 5979. Monthly Notices of the Royal Astronomical Society, 2015, 447, 117-131.	1.6	21
67	Distances of the Virgo and Coma clusters of galaxies through novae and supernovae. Astrophysical Journal, 1990, 350, 110.	1.6	21
68	ASASSN-15nx: A Luminous Type II Supernova with a â€œPerfectâ€•Linear Decline. Astrophysical Journal, 2018, 862, 107.	1.6	20
69	Optical Follow-up of Gravitational-wave Events during the Second Advanced LIGO/VIRGO Observing Run with the DLT40 Survey. Astrophysical Journal, 2019, 875, 59.	1.6	18
70	Observations of Type Ia Supernova 2014J for Nearly 900 Days and Constraints on Its Progenitor System. Astrophysical Journal, 2019, 882, 30.	1.6	16
71	Massive stars exploding in a He-rich circumstellar medium â€“ VIII. PSNâ††07285387+3349106, a highly reddened supernova Ibn. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4293-4303.	1.6	15
72	THE SUPERNOVA IMPOSTOR PSN J09132750+7627410 AND ITS PROGENITOR. Astrophysical Journal Letters, 2016, 823, L23.	3.0	13

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73	Supernovae and Gaia. <i>Astrophysics and Space Science</i> , 2012, 341, 163-178.	0.5	12
74	The Type IIIn Supernova SN 2010bt: The Explosion of a Star in Outburst. <i>Astrophysical Journal</i> , 2018, 860, 68.	1.6	12
75	OmegaCAM: wide-field imaging with fine spatial resolution. , 2004, 5492, 484.		7
76	The First Data Release of CN1a0.02”A Complete Nearby (Redshift <0.02) Sample of Type Ia Supernova Light Curves*. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 53.	3.0	7
77	SHARK (System for coronagraphy with High order Adaptive optics from R to K band): a proposal for the LBT 2nd generation instrumentation. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
78	Supernovae and their cosmological implications. <i>Rivista Del Nuovo Cimento</i> , 2022, 45, 549-586.	2.0	3
79	Explosion of a massive, He-rich star at $z = 0.16$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3151-3160.	1.6	2
80	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. <i>Astrophysical Journal</i> , 2021, 909, 100.	1.6	2
81	The Rate of Supernovae in Normal Galaxies. , 1996, , 81-84.		2
82	A large array of telescopes in Antarctica with all-sky imaging every five seconds. , 2006, 6267, 480.		1
83	The evolution of the cosmic SN rate. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	1
84	The Rate of Supernovae in Normal Galaxies. <i>Symposium - International Astronomical Union</i> , 1996, 171, 81-84.	0.1	0
85	STRESS: an intermediate redshift SN search. , 2007, , .		0
86	Supernova searches and rates. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 37-44.	0.0	0
87	Discovery of a kilonova and prospects for future hunts. <i>Rendiconti Lincei</i> , 2019, 30, 79-83.	1.0	0