Enrico Cappellaro

List of Publications by Citations

85 papers	5,639 citations	46 h-index	75 g-index
87 ext. papers	6,037 ext. citations	6.3 avg, IF	4.46 L-index

#	Paper	IF	Citations
85	The Metamorphosis of SN 1998bw. *Astrophysical Journal*, **2001**, 555, 900-917	4.7	317
84	Detection of circumstellar material in a normal type Ia supernova. *Science*, **2007**, 317, 924-6	33.3	290
83	Photometry and spectroscopy of the Type IIP SN 1999em from outburst to dust formation. *Monthly Notices of the Royal Astronomical Society*, **2003**, 338, 939-956	4.3	240
82	The Discovery of the Electromagnetic Counterpart of GW170817: Kilonova AT 2017gfo/DLT17ck. *Astrophysical Journal Letters*, **2017**, 848, L24	7.9	232
81	Slowly fading super-luminous supernovae that are not pair-instability explosions. *Nature*, **2013**, 502, 346-9	50.4	197
80	Low-luminosity Type II supernovae: spectroscopic and photometric evolution. *Monthly Notices of the Royal Astronomical Society*, **2004**, 347, 74-94	4.3	189
79	The metamorphosis of supernova SN 2008D/XRF 080109: a link between supernovae and GRBs/hypernovae. *Science*, **2008**, 321, 1185-8	33.3	170
78	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. *Astrophysical Journal*, **2013**, 767, 1	4.7	160
77	SN 2005cs in M51 - II. Complete evolution in the optical and the near-infrared. *Monthly Notices of the Royal Astronomical Society*, **2009**, 394, 2266-2282	4.3	160
76	A low-energy core-collapse supernova without a hydrogen envelope. *Nature*, **2009**, 459, 674-7	50.4	140
75	Direct Analysis of Spectra of Type Ib Supernovae. *Astrophysical Journal*, **2002**, 566, 1005-1017	4.7	139
74	SN 2008S: an electron-capture SN from a super-AGB progenitor?. *Monthly Notices of the Royal Astronomical Society*, **2009**, 398, 1041-1068	4.3	137
73	Peculiar, low-luminosity Type II supernovae: low-energy explosions in massive progenitors?. *Monthly Notices of the Royal Astronomical Society*, **2003**, 338, 711-716	4.3	134
72	Nebular emission-line profiles of Type Ib/c supernovae - probing the ejecta asphericity. *Monthly Notices of the Royal Astronomical Society*, **2009**, 397, 677-694	4.3	123
71	Variety in Supernovae200-209		115
70	Cepheid calibration of Type Ia supernovae and the Hubble constant. *Monthly Notices of the Royal Astronomical Society*, **2004**, 349, 1344-1352	4.3	115
69	Optical and near-infrared coverage of SN 2004et: physical parameters and comparison with other Type IIP supernovae. *Monthly Notices of the Royal Astronomical Society*, **2010**, 404, 981-1004	4.3	114

68	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernova. *Monthly Notices of the Royal Astronomical Society*, **2011**, 416, 3138-3159	4.3	107
67	Low luminosity Type II supernovae II. Pointing towards moderate mass precursors. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 2873-2892	4.3	94
66	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. *Astrophysical Journal*, **2012**, 753, 67	4.7	94
65	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	4.7	94
64	Constraints on Type Ib/c Supernovae and Gamma-Ray Burst Progenitors. *Publications of the Astronomical Society of the Pacific*, **2007**, 119, 1211-1232	5	92
63	Detection of a Light Echo from SN 1998[CLC]bu[/CLC]. *Astrophysical Journal*, **2001**, 549, L215-L218	4.7	88
62	The Carbon-rich Type Ic SN 2007gr: The Photospheric Phase. *Astrophysical Journal*, **2008**, 673, L155-L158	4.7	85
61	The template type Ia supernova 1996X. *Monthly Notices of the Royal Astronomical Society*, **2001**, 321, 254-268	4.3	83
60	Comparison of progenitor mass estimates for the Type IIP SN 2012A. *Monthly Notices of the Royal Astronomical Society*, **2013**, 434, 1636-1657	4.3	76
59	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	4.3	74
58	EC-SNe FROM SUPER-ASYMPTOTIC GIANT BRANCH PROGENITORS: THEORETICAL MODELS VERSUS OBSERVATIONS. *Astrophysical Journal*, **2009**, 705, L138-L142	4.7	74
57	Supernova 2002ic: The Collapse of a Stripped-Envelope, Massive Star in a Dense Medium?. *Astrophysical Journal*, **2006**, 653, L129-L132	4.7	67
56	THE TYPE IIP SUPERNOVA 2012aw IN M95: HYDRODYNAMICAL MODELING OF THE PHOTOSPHERIC PHASE FROM ACCURATE SPECTROPHOTOMETRIC MONITORING. *Astrophysical Journal*, **2014**, 787, 139	4.7	66
55	The He-rich stripped-envelope core-collapse supernova 2008ax?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 413, 2140-2156	4.3	65
54	The bright Type IIP SN 2009bw, showing signs of interaction?. *Monthly Notices of the Royal Astronomical Society*, **2012**, 422, 1122-1139	4.3	64
53	The fading of supernova 1997D. *Monthly Notices of the Royal Astronomical Society*, **2001**, 322, 361-368	4.3	64
52	The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae. *Monthly Notices of the Royal Astronomical Society*, **2014**, 441, 289-303	4.3	61
51	A SPECTROSCOPICALLY NORMAL TYPE Ic SUPERNOVA FROM A VERY MASSIVE PROGENITOR. *Astrophysical Journal Letters*, **2012**, 749, L28	7.9	61

50	Type II Supernova Spectral Diversity. I. Observations, Sample Characterization, and Spectral Line Evolution. *Astrophysical Journal*, **2017**, 850, 89	4.7	60
49	ULTRAVIOLET SPECTROSCOPY OF SUPERNOVAE: THE FIRST TWO YEARS OFSWIFTOBSERVATIONS. *Astrophysical Journal*, **2009**, 700, 1456-1472	4.7	60
48	The type IIn supernova 1995G: interaction with the circumstellar medium. *Monthly Notices of the Royal Astronomical Society*, **2002**, 333, 27-38	4.3	55
47	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. *Astrophysical Journal*, **2009**, 691, 1348-1359	4.7	52
46	Optical and Near-Infrared Photometry of the Type Ia Supernova 2000E in NGC 6951. *Astrophysical Journal*, **2003**, 595, 779-793	4.7	52
45	SN 1999E: another piece in the supernova--gamma-ray burst connection puzzle. *Monthly Notices of the Royal Astronomical Society*, **2003**, 340, 191-196	4.3	52
44	Why Are Radio Galaxies Prolific Producers of Type Ia Supernovae?. *Astrophysical Journal*, **2005**, 629, 750-756	4.7	49
43	A Study of SN 1992H in NGC 5377. *Astronomical Journal*, **1996**, 111, 1286	4.9	49
42	Optical and Infrared Observations of the Supernova SN 1999el. *Astrophysical Journal*, **2002**, 573, 144-156	4.7	48
41	Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a Normal, Massive, Metal-rich Spiral Galaxy. *Astrophysical Journal*, **2018**, 853, 57	4.7	46
40	SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 1807-1828	4.3	46
39	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THEHUBBLE SPACE TELESCOPE. *Astrophysical Journal*, **2012**, 749, 126	4.7	45
38	PESSTO monitoring of SN 2012hn: further heterogeneity among faint Type I supernovae?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 437, 1519-1533	4.3	44
37	SN 2009ib: a Type II-P supernova with an unusually long plateau. *Monthly Notices of the Royal Astronomical Society*, **2015**, 450, 3137-3154	4.3	43
36	The Type Ib SN 1999dn: one year of photometric and spectroscopic monitoring?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 411, 2726-2738	4.3	41
35	The Rate of Supernovae: Biases and Uncertainties **1997**, 77-86		39
34	Abundance stratification in Type Ia supernovae IV. The luminous, peculiar SN 1991T. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 711-725	4.3	37
33	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} newcommandcyr{ renewcommandrmdefault{wncyr} renewcommandsfdefault{wncyss} renewcommandencodingdefault{OT2} normalfont selectfont} DeclareTextFontCommand{textcyr}{cyr} pagestyle{empt. *Astrophysical Journal*, **2000**, 529, 661-674	4.7	37

32	Reflections on reflexions - II. Effects of light echoes on the luminosity and spectra of Type Ia supernovae. *Monthly Notices of the Royal Astronomical Society*, **2006**, 369, 1949-1960	4.3	36
31	The rate of (type IA) SNE in elliptical galaxies. *Astronomical Journal*, **1994**, 108, 202	4.9	30
30	A new measurement of the Hubble constant using Type Ia supernovae calibrated with surface brightness fluctuations. *Astronomy and Astrophysics*, **2021**, 647, A72	5.1	30
29	Active and Star-forming Galaxies and Their Supernovae. *Astronomical Journal*, **2005**, 129, 1369-1380	4.9	29
28	An Empirical Limit on the Kilonova Rate from the DLT40 One Day Cadence Supernova Survey. *Astrophysical Journal Letters*, **2017**, 851, L48	7.9	26
27	Supernova Types and Rates. *Astrophysics and Space Science Library*, **2001**, 199-214	0.3	26
26	GALEX Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae. *Astrophysical Journal*, **2008**, 685, L117-L120	4.7	22
25	The exceptionally bright Type Ib supernova 1991D. *Monthly Notices of the Royal Astronomical Society*, **2002**, 336, 91-96	4.3	22
24	Asiago Supernova classification program: Blowing out the first two hundred candles. *Astronomische Nachrichten*, **2014**, 335, 841-849	0.7	20
23	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	4.3	19
22	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. *Astrophysical Journal Letters*, **2018**, 854, L14	7.9	18
21	Distances of the Virgo and Coma clusters of galaxies through novae and supernovae. *Astrophysical Journal*, **1990**, 350, 110	4.7	18
20	ASASSN-15nx: A Luminous Type II Supernova with a Perfect Linear Decline. *Astrophysical Journal*, **2018**, 862, 107	4.7	15
19	Massive stars exploding in a He-rich circumstellar medium VIII. PSN J07285387+3349106, a highly reddened supernova Ibn. *Monthly Notices of the Royal Astronomical Society*, **2015**, 454, 4293-4303	4.3	14
18	Supernovae and Gaia. *Astrophysics and Space Science*, **2012**, 341, 163-178	1.6	12
17	Lunar Gravitational-wave Antenna. *Astrophysical Journal*, **2021**, 910, 1	4.7	12
16	Optical Follow-up of Gravitational-wave Events during the Second Advanced LIGO/VIRGO Observing Run with the DLT40 Survey. *Astrophysical Journal*, **2019**, 875, 59	4.7	11
15	The Type IIn Supernova SN 2010bt: The Explosion of a Star in Outburst. *Astrophysical Journal*, **2018**, 860, 68	4.7	10

14	THE SUPERNOVA IMPOSTOR PSN J09132750+7627410 AND ITS PROGENITOR. *Astrophysical Journal Letters*, **2016**, 823, L23	7.9	8
13	Observations of Type Ia Supernova 2014J for Nearly 900 Days and Constraints on Its Progenitor System. *Astrophysical Journal*, **2019**, 882, 30	4.7	8
12	OmegaCAM: wide-field imaging with fine spatial resolution **2004**, 5492, 484		5
11	SHARK (System for coronagraphy with High order Adaptive optics from R to K band): a proposal for the LBT 2nd generation instrumentation **2014**,		3
10	Production of Very Light Elements and Strontium in the Early Ejecta of Neutron Star Mergers. *Astrophysical Journal*, **2022**, 925, 22	4.7	3
9	Explosion of a massive, He-rich star at z = 0.16. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 3151-3160	4.3	2
8	The Rate of Supernovae in Normal Galaxies **1996**, 81-84		2
7	The evolution of the cosmic SN rate. *AIP Conference Proceedings*, **2007**,	0	1
6	The First Data Release of CNIa0.02A Complete Nearby (Redshift <0.02) Sample of Type Ia Supernova Light Curves*. *Astrophysical Journal, Supplement Series*, **2022**, 259, 53	8	1
5	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. *Astrophysical Journal*, **2021**, 909, 100	4.7	0
4	Discovery of a kilonova and prospects for future hunts. *Rendiconti Lincei*, **2019**, 30, 79-83	1.7	
3	Supernova searches and rates. *Proceedings of the International Astronomical Union*, **2013**, 9, 37-44	0.1	
2	A large array of telescopes in Antarctica with all-sky imaging every five seconds **2006**, 6267, 480		
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