

Nancy Elias-Rosa

List of Publications by Year in descending order

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120
papers

8,633
citations

26610

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45285

90
g-index

123
all docs

123
docs citations

123
times ranked

3072
citing authors

#	ARTICLE	IF	CITATIONS
1	A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007, 447, 829-832.	13.7	315
2	Detection of Circumstellar Material in a Normal Type Ia Supernova. <i>Science</i> , 2007, 317, 924-926.	6.0	313
3	The Diversity of Type Ia Supernovae: Evidence for Systematics?. <i>Astrophysical Journal</i> , 2005, 623, 1011-1016.	1.6	312
4	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015, 579, A40.	2.1	239
5	Slowly fading super-luminous supernovae that are not pair-instability explosions. <i>Nature</i> , 2013, 502, 346-349.	13.7	226
6	An asymmetric explosion as the origin of spectral evolution diversity in type Ia supernovae. <i>Nature</i> , 2010, 466, 82-85.	13.7	207
7	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013, 767, 1.	1.6	207
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	3D deflagration simulations leaving bound remnants: a model for 2002cx-like Type Ia supernovae... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2287-2297.	1.6	175
11	High luminosity, slow ejecta and persistent carbon lines: SN 2009dc challenges thermonuclear explosion scenarios... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2735-2762.	1.6	170
12	SN 2004aw: confirming diversity of Type Ic supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1459-1477.	1.6	159
13	A low-energy core-collapse supernova without a hydrogen envelope. <i>Nature</i> , 2009, 459, 674-677.	13.7	159
14	On the diversity of superluminous supernovae: ejected mass as the dominant factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3869-3893.	1.6	154
15	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
16	SN 2003du: 480 days in the life of a normal type Ia supernova. <i>Astronomy and Astrophysics</i> , 2007, 469, 645-661.	2.1	149
17	High-Velocity Features: A Ubiquitous Property of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2005, 623, L37-L40.	1.6	146
18	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

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19	Superluminous supernovae from PESSTO. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2096-2113.	1.6	135
20	SN 2005cs in M51 - I. The first month of evolution of a subluminous SN II plateau. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1752-1762.	1.6	126
21	Optical and near-infrared coverage of SN 2004et: physical parameters and comparison with other Type IIP supernovae. Monthly Notices of the Royal Astronomical Society, 0, 404, 981-1004.	1.6	125
22	Low luminosity Type II supernovae "II. Pointing towards moderate mass precursors. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2873-2892.	1.6	123
23	Anomalous extinction behaviour towards the Type Ia SN 2003cg. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1880-1900.	1.6	120
24	ESC and KAIT observations of the transitional Type Ia SN 2004eo. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1531-1552.	1.6	112
25	The underluminous Type Ia supernova 2005bl and the class of objects similar to SN 1991bg.... Monthly Notices of the Royal Astronomical Society, 0, 385, 75-96.	1.6	112
26	Extensive optical and near-infrared observations of the nearby, narrow-lined type Ic SN 2007gr: days 5 to 415. Astronomy and Astrophysics, 2009, 508, 371-389.	2.1	111
27	The Carbon-rich Type Ic SN 2007gr: The Photospheric Phase. Astrophysical Journal, 2008, 673, L155-L158.	1.6	99
28	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. Astrophysical Journal Letters, 2015, 807, L18.	3.0	98
29	ESC supernova spectroscopy of non-ESC targets. Astronomy and Astrophysics, 2008, 488, 383-399.	2.1	98
30	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. Astrophysical Journal, 2010, 721, 1608-1626.	1.6	95
31	The host galaxy and late-time evolution of the superluminous supernova PTF12dam. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1567-1586.	1.6	94
32	Optical and near-infrared observations of SN 2011dh " The first 100 days. Astronomy and Astrophysics, 2014, 562, A17.	2.1	93
33	ESC observations of SN 2005cf - I. Photometric evolution of a normal Type Ia supernova. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1301-1316.	1.6	86
34	The Type Ia Supernova 2004S, a Clone of SN 2001el, and the Optimal Photometric Bands for Extinction Estimation. Astronomical Journal, 2007, 133, 58-72.	1.9	85
35	The Outermost Ejecta of Type Ia Supernovae. Astrophysical Journal, 2008, 677, 448-460.	1.6	84
36	Multiple major outbursts from a restless luminous blue variable in NGC 3432. Monthly Notices of the Royal Astronomical Society, 0, 408, 181-198.	1.6	83

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37	SUPERNOVA 2008bk AND ITS RED SUPERGIANT PROGENITOR. <i>Astronomical Journal</i> , 2012, 143, 19.	1.9	82
38	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017, 834, 107.	1.6	81
39	The Type IIP SN 2007od in UGC 12846: from a bright maximum to dust formation in the nebular phase*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 261-279.	1.6	79
40	Type Icn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017, 836, 158.	1.6	79
41	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2â€™m. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3301-3329.	1.6	78
42	The He-rich stripped-envelope core-collapse supernova 2008axâ€™.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2140-2156.	1.6	76
43	Massive stars exploding in a He-rich circumstellar medium - II. The transitional case of SN 2005la. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 131-140.	1.6	75
44	THE MASSIVE PROGENITOR OF THE TYPE II-LINEAR SUPERNOVA 2009kr. <i>Astrophysical Journal Letters</i> , 2010, 714, L254-L259.	3.0	74
45	The Type IIb SN 2011dh: Two years of observations and modelling of the lightcurves. <i>Astronomy and Astrophysics</i> , 2015, 580, A142.	2.1	74
46	Effects of the explosion asymmetry and viewing angle on the Type Ia supernova colour and luminosity calibrationâ€™.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 3075-3094.	1.6	72
47	THE TYPE IIP SUPERNOVA 2012aw IN M95: HYDRODYNAMICAL MODELING OF THE PHOTOSPHERIC PHASE FROM ACCURATE SPECTROPHOTOMETRIC MONITORING. <i>Astrophysical Journal</i> , 2014, 787, 139.	1.6	72
48	Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3816-3842.	1.6	72
49	The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 289-303.	1.6	70
50	SN 2008inâ€™BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP. <i>Astrophysical Journal</i> , 2011, 736, 76.	1.6	68
51	A SPECTROSCOPICALLY NORMAL TYPE Ic SUPERNOVA FROM A VERY MASSIVE PROGENITOR. <i>Astrophysical Journal Letters</i> , 2012, 749, L28.	3.0	68
52	The bright Type IIP SN 2009bw, showing signs of interactionâ€™.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1122-1139.	1.6	67
53	SN 2009N: linking normal and subluminous Type II-P SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 368-387.	1.6	62
54	Moderately luminous Type II supernovae. <i>Astronomy and Astrophysics</i> , 2013, 555, A142.	2.1	61

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55	DISAPPEARANCE OF THE PROGENITOR OF SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2016, 825, L22.	3.0	61
56	ESC observations of SN 2005cf. <i>Astronomy and Astrophysics</i> , 2007, 471, 527-535.	2.1	60
57	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
58	Massive stars exploding in a He-rich circumstellar medium "IX. SN 2014av, and characterization of Type Ibn SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 853-869.	1.6	59
59	THE MASSIVE PROGENITOR OF THE POSSIBLE TYPE II-LINEAR SUPERNOVA 2009hd IN MESSIER 66. <i>Astrophysical Journal</i> , 2011, 742, 6.	1.6	58
60	Dead or Alive? Long-term evolution of SN 2015bh (SNhunt275). <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3894-3920.	1.6	57
61	450 d of Type II SN 2013ej in optical and near-infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2003-2018.	1.6	57
62	SN 2002cv: a heavily obscured Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 107-122.	1.6	56
63	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. <i>Astrophysical Journal</i> , 2009, 691, 1348-1359.	1.6	56
64	Photometric properties and origin of bulges in SBO galaxies. <i>Astronomy and Astrophysics</i> , 2005, 434, 109-122.	2.1	56
65	The multifaceted Type II-L supernova 2014G from pre-maximum to nebular phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 137-157.	1.6	55
66	The early spectral evolution of SN 2004dt. <i>Astronomy and Astrophysics</i> , 2007, 475, 585-595.	2.1	52
67	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
68	SN 2013df, a double-peaked IIb supernova from a compact progenitor and an extended H envelope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1647-1662.	1.6	50
69	Interacting supernovae and supernova impostors. LSQ13zm: an outburst heralds the death of a massive star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1039-1059.	1.6	50
70	Supernovae 2016bdu and 2005gl, and their link with SN 2009ip-like transients: another piece of the puzzle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 197-218.	1.6	50
71	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , 2017, 836, L12.	3.0	49
72	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. <i>Nature Astronomy</i> , 2017, 1, 713-720.	4.2	48

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73	THE FAST DECLINING TYPE Ia SUPERNOVA 2003gs, AND EVIDENCE FOR A SIGNIFICANT DISPERSION IN NEAR-INFRARED ABSOLUTE MAGNITUDES OF FAST DECLINERS AT MAXIMUM LIGHT. <i>Astronomical Journal</i> , 2009, 138, 1584-1596.	1.9	46
74	SN 2009ip at late times â€“ an interacting transient at +2Âyears. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3887-3906.	1.6	45
75	SN 2012ec: mass of the progenitor from PESSTO follow-up of the photospheric phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2312-2331.	1.6	42
76	ON THE PROGENITOR OF THE TYPE II-PLATEAU SN 2008cn in NGC 4603. <i>Astrophysical Journal</i> , 2009, 706, 1174-1183.	1.6	41
77	On the triple peaks of SNHunt248 in NGC 5806. <i>Astronomy and Astrophysics</i> , 2015, 581, L4.	2.1	41
78	Interpreting the near-infrared spectra of the â€“golden standardâ€™ Type Ia supernova 2005cf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 994-1003.	1.6	34
79	Massive stars exploding in a He-rich circumstellar medium â€“ V. Observations of the slow-evolving SN Ibv OGLE-2012-SN-006. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1941-1953.	1.6	33
80	Spectroscopy of the Type Ia supernova 2011fe past 1000 d. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 448, L48-L52.	1.2	31
81	SN 2011fu: a type IIb supernova with a luminous double-peaked light curve. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 95-114.	1.6	30
82	Massive stars exploding in a He-rich circumstellar medium â€“ VI. Observations of two distant Type Ibv supernova candidates discovered by La Silla-QUEST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1954-1966.	1.6	29
83	Optical and near-infrared observations of SN 2014ck: an outlier among the Type Iax supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1018-1038.	1.6	29
84	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium^{â†—}. <i>Astrophysical Journal Letters</i> , 2018, 854, L14.	3.0	28
85	The short-duration GRBÂ050724 host galaxy in the context of the long-duration GRB hosts. <i>Astronomy and Astrophysics</i> , 2006, 450, 87-92.	2.1	26
86	OGLE-2013-SN-079: A LONELY SUPERNOVA CONSISTENT WITH A HELIUM SHELL DETONATION. <i>Astrophysical Journal Letters</i> , 2015, 799, L2.	3.0	25
87	SNe 2013K and 2013am: observed and physical properties of two slow, normal Type IIP events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1937-1959.	1.6	25
88	Possible evidence of asymmetry in SNÂ2007rt, a typeÂIIIn supernova. <i>Astronomy and Astrophysics</i> , 2009, 504, 945-958.	2.1	23
89	The nature of supernovae 2010O and 2010P in ArpÂ299 â€“ I. Near-infrared and optical evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1052-1066.	1.6	21
90	Asiago Supernova classification program: Blowing out the first two hundred candles. <i>Astronomische Nachrichten</i> , 2014, 335, 841-849.	0.6	21

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91	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
92	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
93	ASASSN-15nx: A Luminous Type II Supernova with a â€œPerfectâ€•Linear Decline. Astrophysical Journal, 2018, 862, 107.	1.6	20
94	Observation of SN2011fe with INTEGRAL. Astronomy and Astrophysics, 2013, 552, A97.	2.1	19
95	Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S. Monthly Notices of the Royal Astronomical Society, 2016, 456, 323-346.	1.6	18
96	HAWK-I infrared supernova search in starburst galaxies. Astronomy and Astrophysics, 2013, 554, A127.	2.1	16
97	Observations of Type Ia Supernova 2014J for Nearly 900 Days and Constraints on Its Progenitor System. Astrophysical Journal, 2019, 882, 30.	1.6	16
98	On the progenitor of the Type Ic SN 2013dk in the Antennae galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 436, L109-L113.	1.2	15
99	Massive stars exploding in a He-rich circumstellar medium â€“ VIII. PSNÂJ07285387+3349106, a highly reddened supernova Ibn. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4293-4303.	1.6	15
100	SN 2015ba: a Type IIP supernova with a long plateau. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2421-2442.	1.6	14
101	THE SUPERNOVA IMPOSTOR PSN J09132750+7627410 AND ITS PROGENITOR. Astrophysical Journal Letters, 2016, 823, L23.	3.0	13
102	SN 2011A: A LOW-LUMINOSITY INTERACTING TRANSIENT WITH A DOUBLE PLATEAU AND STRONG SODIUM ABSORPTION. Astrophysical Journal, 2015, 807, 63.	1.6	12
103	The Type IIn Supernova SN 2010bt: The Explosion of a Star in Outburst. Astrophysical Journal, 2018, 860, 68.	1.6	12
104	ASASSN-15no: the Supernova that plays hide-and-peek. Monthly Notices of the Royal Astronomical Society, 2018, 476, 261-270.	1.6	11
105	Neutron Stars Formation and Core Collapse Supernovae. Astrophysics and Space Science Library, 2018, , 1-56.	1.0	10
106	SNhunt151: an explosive event inside a dense cocoon. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2614-2631.	1.6	9
107	Photometric and spectroscopic evolution of the peculiar Type IIn SN 2012ab. Monthly Notices of the Royal Astronomical Society, 2020, 499, 129-148.	1.6	9
108	Nebular H<i>Î±</i> emission in Type Ia supernova 2016jae. Astronomy and Astrophysics, 2021, 652, A115.	2.1	9

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109	The First Data Release of CN1a0.02”A Complete Nearby (Redshift z0.02) Sample of Type Ia Supernova Light Curves*. Astrophysical Journal, Supplement Series, 2022, 259, 53.	3.0	7
110	The Peculiar Type Ia Supernova 2005hk. , 2007, , .		5
111	SN 2014J in M82: new insights on the spectral diversity of Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2018, 481, 878-893.	1.6	5
112	SN 2021foa, a transitional event between a Type IIIn (SN 2009ip-like) and a Type Ibn supernova. Astronomy and Astrophysics, 2022, 662, L10.	2.1	5
113	Observations of a Fast-expanding and UV-bright Type Ia Supernova SN 2013gs. Astrophysical Journal, 2019, 872, 14.	1.6	4
114	Explosion of a massive, He-rich star at $z = 0.16$. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3151-3160.	1.6	2
115	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. Astrophysical Journal, 2021, 909, 100.	1.6	2
116	Explosion of a massive, He-rich star at $z = 0.16$. , 2009, , .		1
117	Type II”Plateau Supernova 2005ay: an extensive study from Ultraviolet to Near”Infrared. , 2007, , .		0
118	Reddened SNe Ia. , 2007, , .		0
119	The Progenitors of Recent Core-Collapse Supernovae. , 2009, , .		0
120	Observational constraints on the progenitor of core-collapse supernovae. Proceedings of the International Astronomical Union, 2015, 11, 209-210.	0.0	0