

Nancy Elias-Rosa

List of Publications by Year in descending order

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120
papers

8,633
citations

26610

56
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45285

90
g-index

123
all docs

123
docs citations

123
times ranked

3072
citing authors

#	ARTICLE	IF	CITATIONS
1	The First Data Release of CN1a0.02”A Complete Nearby (Redshift z0.02) Sample of Type Ia Supernova Light Curves*. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 53.	3.0	7
2	SN 2021foa, a transitional event between a Type IIn (SN 2009ip-like) and a Type Ibn supernova. <i>Astronomy and Astrophysics</i> , 2022, 662, L10.	2.1	5
3	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. <i>Astrophysical Journal</i> , 2021, 909, 100.	1.6	2
4	Nebular Hα emission in Type Ia supernova 2016jae. <i>Astronomy and Astrophysics</i> , 2021, 652, A115.	2.1	9
5	Photometric and spectroscopic evolution of the peculiar Type IIn SN 2012ab. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 129-148.	1.6	9
6	Observations of Type Ia Supernova 2014j for Nearly 900 Days and Constraints on Its Progenitor System. <i>Astrophysical Journal</i> , 2019, 882, 30.	1.6	16
7	Observations of a Fast-expanding and UV-bright Type Ia Supernova SN 2013gs. <i>Astrophysical Journal</i> , 2019, 872, 14.	1.6	4
8	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
9	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
10	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium[^]. <i>Astrophysical Journal Letters</i> , 2018, 854, L14.	3.0	28
11	Neutron Stars Formation and Core Collapse Supernovae. <i>Astrophysics and Space Science Library</i> , 2018, , 1-56.	1.0	10
12	SN 2014j in M82: new insights on the spectral diversity of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 878-893.	1.6	5
13	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
14	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
15	ASASSN-15no: the Supernova that plays hide-and-seek. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 261-270.	1.6	11
16	ASASSN-15nx: A Luminous Type II Supernova with a “Perfect” Linear Decline. <i>Astrophysical Journal</i> , 2018, 862, 107.	1.6	20
17	The Type IIn Supernova SN 2010bt: The Explosion of a Star in Outburst. <i>Astrophysical Journal</i> , 2018, 860, 68.	1.6	12
18	SNhunt151: an explosive event inside a dense cocoon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2614-2631.	1.6	9

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19	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017, 836, 158.	1.6	79
20	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. <i>Nature Astronomy</i> , 2017, 1, 713-720.	4.2	48
21	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017, 834, 107.	1.6	81
22	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , 2017, 836, L12.	3.0	49
23	THE SUPERNOVA IMPOSTOR PSN J09132750+7627410 AND ITS PROGENITOR. <i>Astrophysical Journal Letters</i> , 2016, 823, L23.	3.0	13
24	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
25	DISAPPEARANCE OF THE PROGENITOR OF SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2016, 825, L22.	3.0	61
26	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
27	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
28	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
29	Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 323-346.	1.6	18
30	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
31	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
32	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
33	SN 2009ip at late times – an interacting transient at $+2\hat{A}$ years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3887-3906.	1.6	45
34	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
35	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. <i>Astrophysical Journal Letters</i> , 2015, 807, L18.	3.0	98
36	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

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37	Massive stars exploding in a He-rich circumstellar medium â€“ V. Observations of the slow-evolving SN Ibn OGLE-2012-SN-006. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1941-1953.	1.6	33
38	SN 2012ec: mass of the progenitor from PESSTO follow-up of the photospheric phase. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2312-2331.	1.6	42
39	On the diversity of superluminous supernovae: ejected mass as the dominant factor. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3869-3893.	1.6	154
40	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
41	SN 2011fu: a type IIb supernova with a luminous double-peaked light curve. Monthly Notices of the Royal Astronomical Society, 2015, 454, 95-114.	1.6	30
42	Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3816-3842.	1.6	72
43	Massive stars exploding in a He-rich circumstellar medium â€“ VI. Observations of two distant Type Ibn supernova candidates discovered by La Silla-QUEST. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1954-1966.	1.6	29
44	Massive stars exploding in a He-rich circumstellar medium â€“ VIII. PSNÂĀ07285387+3349106, a highly reddened supernova Ibn. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4293-4303.	1.6	15
45	On the triple peaks of SNHunt248 in NGC 5806. Astronomy and Astrophysics, 2015, 581, L4.	2.1	41
46	Observational constraints on the progenitor of core-collapse supernovae. Proceedings of the International Astronomical Union, 2015, 11, 209-210.	0.0	0
47	Spectroscopy of the Type Ia supernova 2011fe past 1000 d. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 448, L48-L52.	1.2	31
48	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2â€‰Î¼m. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3301-3329.	1.6	78
49	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
50	OGLE-2013-SN-079: A LONELY SUPERNOVA CONSISTENT WITH A HELIUM SHELL DETONATION. Astrophysical Journal Letters, 2015, 799, L2.	3.0	25
51	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
52	SN 2011A: A LOW-LUMINOSITY INTERACTING TRANSIENT WITH A DOUBLE PLATEAU AND STRONG SODIUM ABSORPTION. Astrophysical Journal, 2015, 807, 63.	1.6	12
53	The Type IIb SN 2011dh: Two years of observations and modelling of the lightcurves. Astronomy and Astrophysics, 2015, 580, A142.	2.1	74
54	SN 2009N: linking normal and subluminous Type II-P SNe. Monthly Notices of the Royal Astronomical Society, 2014, 438, 368-387.	1.6	62

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55	Low luminosity Type II supernovae â€“ II. Pointing towards moderate mass precursors. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2873-2892.	1.6	123
56	Superluminous supernovae from PESSTO. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2096-2113.	1.6	135
57	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
58	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
59	The nature of supernovae 2010O and 2010P in ArpÂ299 â€“ I. Near-infrared and optical evolution. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1052-1066.	1.6	21
60	SN 2013df, a double-peaked IIb supernova from a compact progenitor and an extended H envelope. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1647-1662.	1.6	50
61	Asiago Supernova classification program: Blowing out the first two hundred candles. Astronomische Nachrichten, 2014, 335, 841-849.	0.6	21
62	Optical and near-infrared observations of SN 2011dh â€“ The first 100 days. Astronomy and Astrophysics, 2014, 562, A17.	2.1	93
63	3D deflagration simulations leaving bound remnants: a model for 2002cx-like Type Ia supernovaeâ€”.... Monthly Notices of the Royal Astronomical Society, 2013, 429, 2287-2297.	1.6	175
64	Slowly fading super-luminous supernovae that are not pair-instability explosions. Nature, 2013, 502, 346-349.	13.7	226
65	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
66	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. Astrophysical Journal, 2013, 767, 1.	1.6	207
67	Moderately luminous Type II supernovae. Astronomy and Astrophysics, 2013, 555, A142.	2.1	61
68	HAWK-I infrared supernova search in starburst galaxies. Astronomy and Astrophysics, 2013, 554, A127.	2.1	16
69	Observation of SN2011fe with INTEGRAL. Astronomy and Astrophysics, 2013, 552, A97.	2.1	19
70	SUPERNOVA 2008bk AND ITS RED SUPERGIANT PROGENITOR. Astronomical Journal, 2012, 143, 19.	1.9	82
71	A SPECTROSCOPICALLY NORMAL TYPE Ic SUPERNOVA FROM A VERY MASSIVE PROGENITOR. Astrophysical Journal Letters, 2012, 749, L28.	3.0	68
72	Interpreting the near-infrared spectra of the â€“golden standardâ€™ Type Ia supernova 2005cf. Monthly Notices of the Royal Astronomical Society, 2012, 427, 994-1003.	1.6	34

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73	The bright Type IIP SN 2009bw, showing signs of interactionâ€¦... Monthly Notices of the Royal Astronomical Society, 2012, 422, 1122-1139.	1.6	67
74	THE MASSIVE PROGENITOR OF THE POSSIBLE TYPE II-LINEAR SUPERNOVA 2009hd IN MESSIER 66. Astrophysical Journal, 2011, 742, 6.	1.6	58
75	High luminosity, slow ejecta and persistent carbon lines: SN 2009dc challenges thermonuclear explosion scenariosâ€¦... Monthly Notices of the Royal Astronomical Society, 2011, 412, 2735-2762.	1.6	170
76	The He-rich stripped-envelope core-collapse supernova 2008axâ€¦... Monthly Notices of the Royal Astronomical Society, 2011, 413, 2140-2156.	1.6	76
77	Effects of the explosion asymmetry and viewing angle on the Type Ia supernova colour and luminosity calibrationâ€¦... Monthly Notices of the Royal Astronomical Society, 2011, 413, 3075-3094.	1.6	72
78	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
79	SN 2008inâ€”BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP. Astrophysical Journal, 2011, 736, 76.	1.6	68
80	THE MASSIVE PROGENITOR OF THE TYPE II-LINEAR SUPERNOVA 2009kr. Astrophysical Journal Letters, 2010, 714, L254-L259.	3.0	74
81	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. Astrophysical Journal, 2010, 721, 1608-1626.	1.6	95
82	An asymmetric explosion as the origin of spectral evolution diversity in type Ia supernovae. Nature, 2010, 466, 82-85.	13.7	207
83	ON THE PROGENITOR OF THE TYPE II-PLATEAU SN 2008cn in NGC 4603. Astrophysical Journal, 2009, 706, 1174-1183.	1.6	41
84	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
85	THE FAST DECLINING TYPE Ia SUPERNOVA 2003gs, AND EVIDENCE FOR A SIGNIFICANT DISPERSION IN NEAR-INFRARED ABSOLUTE MAGNITUDES OF FAST DECLINERS AT MAXIMUM LIGHT. Astronomical Journal, 2009, 138, 1584-1596.	1.9	46
86	Explosion of a massive, He-rich star at $z=0.16$. , 2009, , .		1
87	The Progenitors of Recent Core-Collapse Supernovae. , 2009, , .		0
88	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.	1.6	185
89	Nebular emission-line profiles of Type Ib/c supernovae - probing the ejecta asphericity. Monthly Notices of the Royal Astronomical Society, 2009, 397, 677-694.	1.6	138
90	SN 2008S: an electron-capture SN from a super-AGB progenitor?. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1041-1068.	1.6	151

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91	A low-energy core-collapse supernova without a hydrogen envelope. <i>Nature</i> , 2009, 459, 674-677.	13.7	159
92	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. <i>Astrophysical Journal</i> , 2009, 691, 1348-1359.	1.6	56
93	Possible evidence of asymmetry in SN 2007rt, a type IIIn supernova. <i>Astronomy and Astrophysics</i> , 2009, 504, 945-958.	2.1	23
94	SN 2002cv: a heavily obscured Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 107-122.	1.6	56
95	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
96	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
97	The Carbon-rich Type Ic SN 2007gr: The Photospheric Phase. <i>Astrophysical Journal</i> , 2008, 673, L155-L158.	1.6	99
98	ESC supernova spectroscopy of non-ESC targets. <i>Astronomy and Astrophysics</i> , 2008, 488, 383-399.	2.1	98
99	The Outermost Ejecta of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2008, 677, 448-460.	1.6	84
100	Type II ^{pl} Plateau Supernova 2005ay: an extensive study from Ultraviolet to Near-Infrared. , 2007, , .		0
101	The Peculiar Type Ia Supernova 2005hk. , 2007, , .		5
102	Reddened SNe Ia. , 2007, , .		0
103	Detection of Circumstellar Material in a Normal Type Ia Supernova. <i>Science</i> , 2007, 317, 924-926.	6.0	313
104	The Type Ia Supernova 2004S, a Clone of SN 2001el, and the Optimal Photometric Bands for Extinction Estimation. <i>Astronomical Journal</i> , 2007, 133, 58-72.	1.9	85
105	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
106	ESC observations of SN 2005cf. <i>Astronomy and Astrophysics</i> , 2007, 471, 527-535.	2.1	60
107	The early spectral evolution of SN 2004dt. <i>Astronomy and Astrophysics</i> , 2007, 475, 585-595.	2.1	52
108	A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007, 447, 829-832.	13.7	315

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109	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
110	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
111	Anomalous extinction behaviour towards the Type Ia SN 2003cg. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1880-1900.	1.6	120
112	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
113	SN 2004aw: confirming diversity of Type Ic supernovae. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1459-1477.	1.6	159
114	The short-duration GRB 050724 host galaxy in the context of the long-duration GRB hosts. Astronomy and Astrophysics, 2006, 450, 87-92.	2.1	26
115	The Diversity of Type Ia Supernovae: Evidence for Systematics?. Astrophysical Journal, 2005, 623, 1011-1016.	1.6	312
116	High-Velocity Features: A Ubiquitous Property of Type Ia Supernovae. Astrophysical Journal, 2005, 623, L37-L40.	1.6	146
117	Photometric properties and origin of bulges in SBO galaxies. Astronomy and Astrophysics, 2005, 434, 109-122.	2.1	56
118	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
119	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
120	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