

Filomena Bufano

List of Publications by Year in descending order

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96
papers

6,723
citations

38660

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60497

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97
all docs

97
docs citations

97
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	13.7	715
2	A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007, 447, 829-832.	13.7	315
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	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013, 767, 1.	1.6	207
6	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
7	ASASSN-15lh: A highly super-luminous supernova. <i>Science</i> , 2016, 351, 257-260.	6.0	172
8	High luminosity, slow ejecta and persistent carbon lines: SN 2009dc challenges thermonuclear explosion scenariosâ.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2735-2762.	1.6	170
9	THE YELLOW SUPERGIANT PROGENITOR OF THE TYPE II SUPERNOVA 2011dh IN M51. <i>Astrophysical Journal Letters</i> , 2011, 739, L37.	3.0	167
10	HIGH-DENSITY CIRCUMSTELLAR INTERACTION IN THE LUMINOUS TYPE II SN 2010jl: THE FIRST 1100 DAYS. <i>Astrophysical Journal</i> , 2014, 797, 118.	1.6	159
11	PTF12os and iPTF13bvn. <i>Astronomy and Astrophysics</i> , 2016, 593, A68.	2.1	136
12	The Hi-GAL compact source catalogue â I. The physical properties of the clumps in the inner Galaxy ($\hat{a}^{\sim}71_{\$}_{\{.\}^{\{circ\}}\0 < a,,“ < 67 $_{\$}_{\{.\}^{\{circ\}}\0). <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 100-143.	1.6	125
13	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernovaâ.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 3138-3159.	1.6	114
14	ESC and KAIT observations of the transitional Type Ia SN 2004eo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1531-1552.	1.6	112
15	Extensive optical and near-infrared observations of the nearby, narrow-lined type Ic SN 2007gr: days 5 to 415. <i>Astronomy and Astrophysics</i> , 2009, 508, 371-389.	2.1	111
16	SNâ2009ip Ã la PESSTO: no evidence for core collapse yetâ.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1312-1337.	1.6	110
17	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. <i>Astrophysical Journal</i> , 2012, 753, 67.	1.6	103
18	The rise-time of Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2212-2229.	1.6	102

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19	SN 2009md: another faint supernova from a low-mass progenitor. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1417-1433.	1.6	97
20	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. Astrophysical Journal, 2010, 721, 1608-1626.	1.6	95
21	Optical and near-infrared observations of SN 2011dh – The first 100 days. Astronomy and Astrophysics, 2014, 562, A17.	2.1	93
22	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
23	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
24	The delay of shock breakout due to circumstellar material evident in most type II supernovae. Nature Astronomy, 2018, 2, 808-818.	4.2	86
25	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
26	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
27	<i>Swift</i> and <i>Chandra</i> Detections of Supernova 2006jc: Evidence for Interaction of the Supernova Shock with a Circumstellar Shell. Astrophysical Journal, 2008, 674, L85-L88.	1.6	76
28	The He-rich stripped-envelope core-collapse supernova 2008ax – ... Monthly Notices of the Royal Astronomical Society, 2011, 413, 2140-2156.	1.6	76
29	SPECTRA OF TYPE IA SUPERNOVAE FROM DOUBLE DEGENERATE MERGERS. Astrophysical Journal, 2010, 725, 296-308.	1.6	73
30	SN 2009E: a faint clone of SN 1987A. Astronomy and Astrophysics, 2012, 537, A141.	2.1	73
31	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
32	Supernova rates from the SUDARE VST-OmegaCAM search. Astronomy and Astrophysics, 2015, 584, A62.	2.1	71
33	ULTRAVIOLET SPECTROSCOPY OF SUPERNOVAE: THE FIRST TWO YEARS OF <i>SWIFT</i> OBSERVATIONS. Astrophysical Journal, 2009, 700, 1456-1472.	1.6	70
34	SN 2008in – BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP. Astrophysical Journal, 2011, 736, 76.	1.6	68
35	Luminous red novae: Stellar mergers or giant eruptions?. Astronomy and Astrophysics, 2019, 630, A75.	2.1	68
36	The bright Type IIP SN 2009bw, showing signs of interaction – ... Monthly Notices of the Royal Astronomical Society, 2012, 422, 1122-1139.	1.6	67

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37	ON THE PROGENITOR AND EARLY EVOLUTION OF THE TYPE II SUPERNOVA 2009kr. <i>Astrophysical Journal Letters</i> , 2010, 714, L280-L284.	3.0	66
38	SPECTROSCOPIC OBSERVATIONS OF SN 2012fr: A LUMINOUS, NORMAL TYPE Ia SUPERNOVA WITH EARLY HIGH-VELOCITY FEATURES AND A LATE VELOCITY PLATEAU. <i>Astrophysical Journal</i> , 2013, 770, 29.	1.6	66
39	MULTI-WAVELENGTH OBSERVATIONS OF SUPERNOVA 2011ei: TIME-DEPENDENT CLASSIFICATION OF TYPE IIb AND Ib SUPERNOVAE AND IMPLICATIONS FOR THEIR PROGENITORS. <i>Astrophysical Journal</i> , 2013, 767, 71.	1.6	64
40	NEAR-ULTRAVIOLET PROPERTIES OF A LARGE SAMPLE OF TYPE Ia SUPERNOVAE AS OBSERVED WITH THE <i>Swift</i> UVOT. <i>Astrophysical Journal</i> , 2010, 721, 1627-1655.	1.6	62
41	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
42	Moderately luminous Type II supernovae. <i>Astronomy and Astrophysics</i> , 2013, 555, A142.	2.1	61
43	SN 2009kn - the twin of the Type IIn supernova 1994W. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 855-873.	1.6	60
44	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. <i>Astrophysical Journal</i> , 2009, 691, 1348-1359.	1.6	56
45	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
46	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29.	3.0	56
47	Massive stars exploding in a He-rich circumstellar medium – IV. Transitional Type IIn supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1921-1940.	1.6	55
48	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
49	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. <i>Astronomy and Astrophysics</i> , 2014, 567, A29.	2.1	53
50	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
51	Constraining the physical properties of Type II-Plateau supernovae using nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 3451-3468.	1.6	51
52	GROUPING NORMAL TYPE Ia SUPERNOVAE BY UV TO OPTICAL COLOR DIFFERENCES. <i>Astrophysical Journal</i> , 2013, 779, 23.	1.6	51
53	“Super-Chandrasekhar” Type Ia Supernovae at nebular epochs.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3117-3130.	1.6	51
54	SPECTRA AND LIGHT CURVES OF FAILED SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 707, 193-207.	1.6	49

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55	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
56	The optical SN2012bz associated with the long GRB120422A. <i>Astronomy and Astrophysics</i> , 2012, 547, A82.	1.8	45
57	SN 2013dx associated with GRB130702A: a detailed photometric and spectroscopic monitoring and a study of the environment. <i>Astronomy and Astrophysics</i> , 2015, 577, A116.	2.1	45
58	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
59	THE HIGH CADENCE TRANSIENT SURVEY (HITS). I. SURVEY DESIGN AND SUPERNOVA SHOCK BREAKOUT CONSTRAINTS. <i>Astrophysical Journal</i> , 2016, 832, 155.	1.6	44
60	GRB161219B/SN2016jca: a powerful stellar collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5824-5839.	1.6	37
61	SN2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SNII. <i>Astrophysical Journal Letters</i> , 2018, 867, L31.	3.0	33
62	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
63	<i>GALEX</i> Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae. <i>Astrophysical Journal</i> , 2008, 685, L117-L120.	1.6	29
64	Type II-P supernovae as standardized candles: improvements using near-infrared data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 403, L11-L15.	1.2	28
65	Spatial distribution of star formation related to ionized regions throughout the inner Galactic plane. <i>Astronomy and Astrophysics</i> , 2017, 605, A35.	2.1	27
66	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3232-3253.	1.6	26
67	The evolution of luminous red nova AT 2017jfs in NGC 4470. <i>Astronomy and Astrophysics</i> , 2019, 625, L8.	2.1	26
68	DEFINING PHOTOMETRIC PECULIAR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 795, 142.	1.6	25
69	Possible evidence of asymmetry in SN2007rt, a typeIIIn supernova. <i>Astronomy and Astrophysics</i> , 2009, 504, 945-958.	2.1	23
70	Interacting supernovae and supernova impostors. SN 2007sv: the major eruption of a massive star in UGC 5979. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 117-131.	1.6	21
71	Automated detection of extended sources in radio maps: progress from the SCORPIO survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1486-1499.	1.6	19
72	Supernova rates from the SUDARE VST-Omegacam search II. Rates in a galaxy sample. <i>Astronomy and Astrophysics</i> , 2017, 598, A50.	2.1	19

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73	SN 2008gz - most likely a normal Type IIP event. Monthly Notices of the Royal Astronomical Society, 2011, 414, 167-183.	1.6	16
74	HAWK-I infrared supernova search in starburst galaxies. Astronomy and Astrophysics, 2013, 554, A127.	2.1	16
75	SN 2011A: A LOW-LUMINOSITY INTERACTING TRANSIENT WITH A DOUBLE PLATEAU AND STRONG SODIUM ABSORPTION. Astrophysical Journal, 2015, 807, 63.	1.6	12
76	Studying the SN-GRB connection with X-shooter: The GRB 100316D / SN 2010bh case. Astronomische Nachrichten, 2011, 332, 262-265.	0.6	11
77	Supernova 2010ev: A reddened high velocity gradient type Ia supernova. Astronomy and Astrophysics, 2016, 590, A5.	2.1	11
78	Exploring the multifaceted circumstellar environment of the luminous blue variable HR Carinae. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4147-4158.	1.6	11
79	Evolutionary map of the Universe (EMU): Compact radio sources in the <scp>scorpio</scp> field towards the galactic plane. Monthly Notices of the Royal Astronomical Society, 2021, 502, 60-79.	1.6	11
80	Caesar source finder: Recent developments and testing. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	10
81	Modeling the remnants of core-collapse supernovae from luminous blue variable stars. Astronomy and Astrophysics, 2021, 654, A167.	2.1	9
82	New ATCA, ALMA and VISIR observations of the candidate LBV SK-67266 (S61): the nebular mass from modelling 3D density distributions. Monthly Notices of the Royal Astronomical Society, 2017, 466, 213-227.	1.6	7
83	A first glimpse at the Galactic plane with the ASKAP: the SCORPIO field. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2232-2246.	1.6	7
84	PTF11rka: an interacting supernova at the crossroads of stripped-envelope and H-poor superluminous stellar core collapses. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3542-3556.	1.6	6
85	Modelling of SN2013dx associated with the low-redshift GRB130702A points to diversity in GRB/SN properties. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4106-4119.	1.6	6
86	Supernovae interacting with a circumstellar medium: New observations with X-shooter. Astronomische Nachrichten, 2011, 332, 266-271.	0.6	4
87	SCORPIO - II. Spectral indices of weak Galactic radio sources. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1685-1694.	1.6	4
88	First Extended Catalogue of Galactic bubble infrared fluxes from WISE and Herschel... surveys. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3671-3692.	1.6	3
89	Synergy SKA - CTA: Supernova remnants as cosmic accelerators. Proceedings of the International Astronomical Union, 2017, 12, 345-350.	0.0	2
90	Astronomical source finding services for the CIRASA visual analytic platform. Astronomy and Computing, 2021, 37, 100506.	0.8	1

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91	A warm molecular ring in AG Car: composing the mass-loss puzzle. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5500-5514.	1.6	1
92	Evolutionary map of the Universe (EMU): 18-cm OH-maser discovery in ASKAP continuum images of the SCORPIO field. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 512, L21-L26.	1.2	1
93	Type IIâ€Plateau Supernova 2005ay: an extensive study from Ultraviolet to Nearâ€Infrared. , 2007, , .		0
94	Ultraviolet SN observations with Swift. Astrophysics and Space Science, 2009, 320, 173-176.	0.5	0
95	Photometric typing of normal and peculiar type Ia supernovae. Proceedings of the International Astronomical Union, 2014, 10, 333-336.	0.0	0
96	Ultraviolet SN observations with Swift. , 2008, , 177-180.		0