

Filomena Bufano

List of Publications by Citations

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96
papers

5,467
citations

46
h-index

73
g-index

97
ext. papers

6,067
ext. citations

6
avg, IF

4.25
L-index

#	Paper	IF	Citations
96	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017 , 551, 67-70	50.4	444
95	The Diversity of Type Ia Supernovae: Evidence for Systematics?. <i>Astrophysical Journal</i> , 2005 , 623, 1011-1016	10.16	284
94	A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007 , 447, 829-32	50.4	273
93	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	5.1	178
92	The metamorphosis of supernova SN 2008D/XRF 080109: a link between supernovae and GRBs/hypernovae. <i>Science</i> , 2008 , 321, 1185-8	33.3	170
91	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013 , 767, 1	4.7	160
90	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	4.3	153
89	THE YELLOW SUPERGIANT PROGENITOR OF THE TYPE II SUPERNOVA 2011dh IN M51. <i>Astrophysical Journal Letters</i> , 2011 , 739, L37	7.9	150
88	Astronomy. ASASSN-15lh: A highly super-luminous supernova. <i>Science</i> , 2016 , 351, 257-60	33.3	137
87	HIGH-DENSITY CIRCUMSTELLAR INTERACTION IN THE LUMINOUS TYPE II SN 2010jl: THE FIRST 1100 DAYS. <i>Astrophysical Journal</i> , 2014 , 797, 118	4.7	126
86	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 416, 3138-3159	4.3	107
85	PTF12os and iPTF13bvn. <i>Astronomy and Astrophysics</i> , 2016 , 593, A68	5.1	107
84	ESC and KAIT observations of the transitional Type Ia SN 2004eo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 377, 1531-1552	4.3	99
83	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	5.1	94
82	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. <i>Astrophysical Journal</i> , 2012 , 753, 67	4.7	94
81	SN 2009ip is a PESSTO: no evidence for core collapse yet?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 1312-1337	4.3	89
80	SN 2009md: another faint supernova from a low-mass progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 1417-1433	4.3	88

79	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. <i>Astrophysical Journal</i> , 2010 , 721, 1608-1626	4.7	85
78	Optical and near-infrared observations of SN 2011dh I The first 100 days. <i>Astronomy and Astrophysics</i> , 2014 , 562, A17	5.1	83
77	The Hi-GAL compact source catalogue II. The physical properties of the clumps in the inner Galaxy (M15_{\circ}) Monthly Notices of the Royal Astronomical Society, 2017 , 471, 100-143	4.3	80
76	The rise-time of Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 2212-2239	4.3	80
75	ESC observations of SN 2005cf - I. Photometric evolution of a normal Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 376, 1301-1316	4.3	80
74	Comparison of progenitor mass estimates for the Type IIP SN 2012A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 1636-1657	4.3	76
73	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	4.3	74
72	Multiple major outbursts from a restless luminous blue variable in NGC 3432. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 408, 181-198	4.3	73
71	THE TYPE IIP SUPERNOVA 2012aw IN M95: HYDRODYNAMICAL MODELING OF THE PHOTOSPHERIC PHASE FROM ACCURATE SPECTROPHOTOMETRIC MONITORING. <i>Astrophysical Journal</i> , 2014 , 787, 139	4.7	66
70	SN 2009E: a faint clone of SN 1987A. <i>Astronomy and Astrophysics</i> , 2012 , 537, A141	5.1	66
69	The He-rich stripped-envelope core-collapse supernova 2008ax?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 2140-2156	4.3	65
68	The bright Type IIP SN 2009bw, showing signs of interaction?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 422, 1122-1139	4.3	64
67	SPECTRA OF TYPE IA SUPERNOVAE FROM DOUBLE DEGENERATE MERGERS. <i>Astrophysical Journal</i> , 2010 , 725, 296-308	4.7	63
66	Swift and Chandra Detections of Supernova 2006jc: Evidence for Interaction of the Supernova Shock with a Circumstellar Shell. <i>Astrophysical Journal</i> , 2008 , 674, L85-L88	4.7	62
65	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	4.7	60
64	SN 2008in BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP. <i>Astrophysical Journal</i> , 2011 , 736, 76	4.7	60
63	ULTRAVIOLET SPECTROSCOPY OF SUPERNOVAE: THE FIRST TWO YEARS OF SWIFT OBSERVATIONS. <i>Astrophysical Journal</i> , 2009 , 700, 1456-1472	4.7	60
62	ON THE PROGENITOR AND EARLY EVOLUTION OF THE TYPE II SUPERNOVA 2009kr. <i>Astrophysical Journal Letters</i> , 2010 , 714, L280-L284	7.9	60

61	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	4-7	57
60	SN 2009kn - the twin of the Type II _n supernova 1994W. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 855-873	4-3	56
59	NEAR-ULTRAVIOLET PROPERTIES OF A LARGE SAMPLE OF TYPE Ia SUPERNOVAE AS OBSERVED WITH THESwiftUVOT. <i>Astrophysical Journal</i> , 2010 , 721, 1627-1655	4-7	56
58	Supernova rates from the SUDARE VST-OmegaCAM search. <i>Astronomy and Astrophysics</i> , 2015 , 584, A62	5-1	55
57	Moderately luminous Type II supernovae. <i>Astronomy and Astrophysics</i> , 2013 , 555, A142	5-1	55
56	The delay of shock breakout due to circumstellar material evident in most type II supernovae. <i>Nature Astronomy</i> , 2018 , 2, 808-818	12-1	53
55	SN 2009N: linking normal and subluminous Type II-P SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 368-387	4-3	52
54	SN 2006gy: WAS IT REALLY EXTRAORDINARY?. <i>Astrophysical Journal</i> , 2009 , 691, 1348-1359	4-7	52
53	SPECTRA AND LIGHT CURVES OF FAILED SUPERNOVAE. <i>Astrophysical Journal</i> , 2009 , 707, 193-207	4-7	47
52	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. <i>Astronomy and Astrophysics</i> , 2014 , 567, A29	5-1	46
51	SN 2011hs: a fast and faint Type II _b supernova from a supergiant progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1807-1828	4-3	46
50	GROUPING NORMAL TYPE Ia SUPERNOVAE BY UV TO OPTICAL COLOR DIFFERENCES. <i>Astrophysical Journal</i> , 2013 , 779, 23	4-7	45
49	Super-Chandrasekhar Type Ia Supernovae at nebular epochs?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 3117-3130	4-3	45
48	Massive stars exploding in a He-rich circumstellar medium IV. Transitional Type II _n supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1921-1940	4-3	44
47	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	4-3	44
46	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	4-3	44
45	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	4-3	43
44	The optical SN 2012bz associated with the long GRB 120422A. <i>Astronomy and Astrophysics</i> , 2012 , 547, A82	5-1	43

43	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	4.9	42
42	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	4.3	41
41	SN 2013dx associated with GRB 130702A: a detailed photometric and spectroscopic monitoring and a study of the environment. <i>Astronomy and Astrophysics</i> , 2015 , 577, A116	5.1	40
40	Luminous red novae: Stellar mergers or giant eruptions?. <i>Astronomy and Astrophysics</i> , 2019 , 630, A75	5.1	39
39	THE HIGH CADENCE TRANSIENT SURVEY (HITS). I. SURVEY DESIGN AND SUPERNOVA SHOCK BREAKOUT CONSTRAINTS. <i>Astrophysical Journal</i> , 2016 , 832, 155	4.7	32
38	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	4.3	28
37	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	4.3	24
36	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 3232-3253	4.3	23
35	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN IIc. <i>Astrophysical Journal Letters</i> , 2018 , 867, L31	7.9	23
34	DEFINING PHOTOMETRIC PECULIAR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2014 , 795, 142	4.7	22
33	GALEX Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae. <i>Astrophysical Journal</i> , 2008 , 685, L117-L120	4.7	22
32	GRB 161219B/SN 2016jca: a powerful stellar collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 5824-5839	4.3	21
31	Spatial distribution of star formation related to ionized regions throughout the inner Galactic plane. <i>Astronomy and Astrophysics</i> , 2017 , 605, A35	5.1	20
30	Possible evidence of asymmetry in SN 2007rt, a type IIc supernova. <i>Astronomy and Astrophysics</i> , 2009 , 504, 945-958	5.1	20
29	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	4.3	19
28	The evolution of luminous red nova AT 2017jfs in NGC 4470. <i>Astronomy and Astrophysics</i> , 2019 , 625, L8	5.1	17
27	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	8	16
26	HAWK-I infrared supernova search in starburst galaxies. <i>Astronomy and Astrophysics</i> , 2013 , 554, A127	5.1	14

25	SN 2008gz - most likely a normal Type IIP event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 414, 167-183	4.3	14
24	Supernova rates from the SUDARE VST-Omegacam search II. Rates in a galaxy sample. <i>Astronomy and Astrophysics</i> , 2017 , 598, A50	5.1	14
23	Studying the SN-GRB connection with X-shooter: The GRB 100316D / SN 2010bh case. <i>Astronomische Nachrichten</i> , 2011 , 332, 262-265	0.7	11
22	SN 2011A: A LOW-LUMINOSITY INTERACTING TRANSIENT WITH A DOUBLE PLATEAU AND STRONG SODIUM ABSORPTION. <i>Astrophysical Journal</i> , 2015 , 807, 63	4.7	10
21	Supernova 2010ev: A reddened high velocity gradient type Ia supernova. <i>Astronomy and Astrophysics</i> , 2016 , 590, A5	5.1	10
20	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	4.3	10
19	Exploring the multifaceted circumstellar environment of the luminous blue variable HR Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 4147-4158	4.3	8
18	New ATCA, ALMA and VISIR observations of the candidate LBV SK -67 266 (S61): the nebular mass from modelling 3D density distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 213-227	4.3	6
17	Evolutionary map of the Universe (EMU): Compact radio sources in the scorpio field towards the galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 60-79	4.3	6
16	Caesar source finder: Recent developments and testing. <i>Publications of the Astronomical Society of Australia</i> , 2019 , 36,	5.5	5
15	Supernovae interacting with a circumstellar medium: New observations with X-shooter. <i>Astronomische Nachrichten</i> , 2011 , 332, 266-271	0.7	4
14	First Extended Catalogue of Galactic bubble infrared fluxes from WISE and Herschel surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 3671-3692	4.3	3
13	SCORPIO III. Spectral indices of weak Galactic radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 1685-1694	4.3	3
12	Synergy SKA - CTA: Supernova remnants as cosmic accelerators. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 345-350	0.1	2
11	A first glimpse at the Galactic plane with the ASKAP: the SCORPIO field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 2232-2246	4.3	2
10	PTF11rka: an interacting supernova at the crossroads of stripped-envelope and H-poor superluminous stellar core collapses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 3542-3556	4.3	1
9	First Results from Supernova Diversity and Rate Evolution (SUDARE) Survey at VST. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2016 , 197-201	0.3	1
8	Modelling of SN 2013dx associated with the low-redshift GRB130702A points to diversity in GRB/SN properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 4106-4119	4.3	1

7	Astronomical source finding services for the CIRASA visual analytic platform. <i>Astronomy and Computing</i> , 2021 , 37, 100506	2.4	○
6	Modeling the remnants of core-collapse supernovae from luminous blue variable stars. <i>Astronomy and Astrophysics</i> , 2021 , 654, A167	5.1	○
5	Evolutionary map of the Universe (EMU): 18-cm OH-maser discovery in ASKAP continuum images of the SCORPIO field. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022 , 512, L21-L26	4.3	○
4	Photometric typing of normal and peculiar type Ia supernovae. <i>Proceedings of the International Astronomical Union</i> , 2014 , 10, 333-336	0.1	
3	Ultraviolet SN observations with Swift. <i>Astrophysics and Space Science</i> , 2009 , 320, 173-176	1.6	
2	A warm molecular ring in AG Car: composing the mass-loss puzzle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 5500-5514	4.3	
1	Ultraviolet SN observations with Swift 2008 , 177-180		