

Binary Interaction Dominates the Evolution of Massive

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 546, A73.	2.1	55
2	THE NATURE OF THE BRIGHT ULX X-2 IN NGC 3921: A CHANDRA POSITION AND HST CANDIDATE COUNTERPART. <i>Astrophysical Journal</i> , 2012, 758, 28.	1.6	26
3	A SPECTROSCOPIC STUDY OF TYPE Ibc SUPERNOVA HOST GALAXIES FROM UNTARGETED SURVEYS. <i>Astrophysical Journal</i> , 2012, 758, 132.	1.6	94
4	ON ABSORPTION BY CIRCUMSTELLAR DUST, WITH THE PROGENITOR OF SN 2012aw AS A CASE STUDY. <i>Astrophysical Journal</i> , 2012, 759, 20.	1.6	92
5	Classical Be stars. <i>Astronomy and Astrophysics Review</i> , 2013, 21, 1.	9.1	398
6	THE ROTATION RATES OF MASSIVE STARS: THE ROLE OF BINARY INTERACTION THROUGH TIDES, MASS TRANSFER, AND MERGERS. <i>Astrophysical Journal</i> , 2013, 764, 166.	1.6	382
7	TAKING THE "OUT OF " ASTROPHYSICAL JOURNAL LETTERS, 2013, 768, L14.	3.0	64
8	Stellar Multiplicity. <i>Annual Review of Astronomy and Astrophysics</i> , 2013, 51, 269-310.	8.1	951
9	Structure and evolution of high-mass stellar mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 3497-3510.	1.6	68
10	Discovery of a magnetic field in the rapidly rotating O-type secondary of the colliding-wind binary HD 47129 (Plaskett's star). <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1686-1695.	1.6	55
11	Constraining the statistics of Population III binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1094-1107.	1.6	131
12	Numerical simulations of wind-equatorial gas interaction in $\hat{\iota}$ Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 294-301.	1.6	3
13	Early disc accretion as the origin of abundance anomalies in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2398-2411.	1.6	227
14	The binary merger channel for the progenitor of the fastest rotating O-type star VFTS 102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1218-1224.	1.6	12
15	The closest black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1538-1547.	1.6	37
16	Binary mass ratios: system mass not primary mass. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 430, L6-L9.	1.2	24
17	H α to FUV ratios in resolved star-forming region populations of nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3097-3116.	1.6	13
18	A new method for estimating the bolometric properties of Ibc supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1098-1116.	1.6	126

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19	DUSTY OB STARS IN THE SMALL MAGELLANIC CLOUD. I. OPTICAL SPECTROSCOPY REVEALS PREDOMINANTLY MAIN-SEQUENCE OB STARS. <i>Astrophysical Journal</i> , 2013, 771, 111.	1.6	11
20	EVIDENCE THAT GAMMA-RAY BURST 130702A EXPLODED IN A DWARF SATELLITE OF A MASSIVE GALAXY. <i>Astrophysical Journal Letters</i> , 2013, 775, L5.	3.0	21
21	SUPERNOVA LIGHT CURVES POWERED BY FALLBACK ACCRETION. <i>Astrophysical Journal</i> , 2013, 772, 30.	1.6	203
22	THE CLOSE BINARY PROPERTIES OF MASSIVE STARS IN THE MILKY WAY AND LOW-METALLICITY MAGELLANIC CLOUDS. <i>Astrophysical Journal</i> , 2013, 778, 95.	1.6	39
23	DETECTION OF LOW-MASS-RATIO STELLAR BINARY SYSTEMS. <i>Astronomical Journal</i> , 2013, 145, 3.	1.9	10
24	INTEGRAL FIELD SPECTROSCOPY OF SUPERNOVA EXPLOSION SITES: CONSTRAINING THE MASS AND METALLICITY OF THE PROGENITORS. I. TYPE Ib AND Ic SUPERNOVAE. <i>Astronomical Journal</i> , 2013, 146, 30.	1.9	59
25	SELF-REGULATED SHOCKS IN MASSIVE STAR BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2013, 767, 114.	1.6	19
26	THE INITIAL MASS FUNCTION AND THE SURFACE DENSITY PROFILE OF NGC 6231. <i>Astronomical Journal</i> , 2013, 145, 37.	1.9	33
27	SUPERNOVAE IN THE CENTRAL PARSEC: A MECHANISM FOR PRODUCING SPATIALLY ANISOTROPIC HYPERVELOCITY STARS. <i>Astrophysical Journal</i> , 2013, 771, 118.	1.6	28
28	A SAMPLE OF OB STARS THAT FORMED IN THE FIELD. <i>Astrophysical Journal</i> , 2013, 768, 66.	1.6	39
29	The death of massive stars - II. Observational constraints on the progenitors of Type Ibc supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 774-795.	1.6	226
30	Chemical Evolution of Binary Stars. <i>EAS Publications Series</i> , 2013, 64, 13-20.	0.3	0
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32	On the possibility that the most massive stars result from binary mergers. <i>EAS Publications Series</i> , 2013, 64, 21-28.	0.3	0
33	Complex orbital dynamics of a double neutron star system revolving around a massive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1940-1955.	1.6	10
34	MODELING X-RAY BINARY EVOLUTION IN NORMAL GALAXIES: INSIGHTS FROM SINGS. <i>Astrophysical Journal</i> , 2013, 774, 136.	1.6	23
35	The BONNSAI Project: A Statistical Comparison of Stars with Stellar Evolution Models. <i>EAS Publications Series</i> , 2013, 64, 423-424.	0.3	1
36	Red supergiants and stellar evolution. <i>EAS Publications Series</i> , 2013, 60, 31-41.	0.3	14

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37	Setting a new standard in the analysis of binary stars: progress and challenges. EAS Publications Series, 2013, 64, 3-10.	0.3	1
38	The VLT-Flames Tarantula Survey: an overview of the VFTS results so far. EAS Publications Series, 2013, 64, 147-154.	0.3	2
39	Probing the models: Abundances for high-mass stars in binaries. EAS Publications Series, 2013, 64, 29-36.	0.3	3
40	PROBING SHOCK BREAKOUT AND PROGENITORS OF STRIPPED-ENVELOPE SUPERNOVAE THROUGH THEIR EARLY RADIO EMISSIONS. Astrophysical Journal, 2013, 762, 14.	1.6	20
41	Radiatively driven Rayleigh-Taylor instability candidates around a forming massive star system. Astronomy and Astrophysics, 2013, 558, A119.	2.1	7
42	The multiplicity of massive stars in the Orion Nebula Cluster as seen with long-baseline interferometry. Astronomy and Astrophysics, 2013, 550, A82.	2.1	22
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45	Infrared identification of high-mass X-ray binaries discovered by INTEGRAL. Astronomy and Astrophysics, 2013, 560, A108.	2.1	48
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47	The supergiant B[e] star LHA 115-S 18 " binary and/or luminous blue variable?. Astronomy and Astrophysics, 2013, 560, A10.	2.1	40
48	Binary Effects on Supernovae. Proceedings of the International Astronomical Union, 2013, 9, 45-52.	0.0	2
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50	Magnetic Fields in Stars: Origin and Impact. Proceedings of the International Astronomical Union, 2013, 9, 1-9.	0.0	3
51	Universality of the companion mass-ratio distribution. Astronomy and Astrophysics, 2013, 553, A124.	2.1	66
52	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2013, 550, A109.	2.1	94
53	Massive stars at low metallicity. Astronomy and Astrophysics, 2013, 555, A1.	2.1	61
54	Eclipsing high-mass binaries. Astronomy and Astrophysics, 2013, 557, A13.	2.1	6

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55	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 560, A29.	2.1	169
56	Exploring the origin of magnetic fields in massive stars. <i>Astronomy and Astrophysics</i> , 2013, 551, A33.	2.1	34
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58	Producing Type Ia supernovae from a specific class of helium-ignited WD explosions. <i>Astronomy and Astrophysics</i> , 2013, 559, A94.	2.1	70
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60	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 570, A38.	2.1	101
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63	The ionizing sources of luminous compact HII regions in the RCW106 and RCW122 clouds. <i>Astronomy and Astrophysics</i> , 2014, 563, A123.	2.1	3
64	Binary-corrected velocity dispersions from single- and multi-epoch radial velocities: massive stars in R136 as a test case. <i>Astronomy and Astrophysics</i> , 2014, 562, A20.	2.1	15
65	The spectroscopic Hertzsprung-Russell diagram of Galactic massive stars. <i>Astronomy and Astrophysics</i> , 2014, 570, L13.	2.1	85
66	The statistical properties of stars and their dependence on metallicity: the effects of opacity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 285-313.	1.6	82
67	MASSIVE BINARIES IN THE VICINITY OF Sgr A*. <i>Astrophysical Journal</i> , 2014, 782, 101.	1.6	56
68	SETTING THE STAGE FOR CIRCUMSTELLAR INTERACTION IN CORE-COLLAPSE SUPERNOVAE. II. WAVE-DRIVEN MASS LOSS IN SUPERNOVA PROGENITORS. <i>Astrophysical Journal</i> , 2014, 780, 96.	1.6	170
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70	A BLUE POINT SOURCE AT THE LOCATION OF SUPERNOVA 2011DH. <i>Astrophysical Journal Letters</i> , 2014, 793, L22.	3.0	84
71	THE SLOW IONIZED WIND AND ROTATING DISKLIKE SYSTEM THAT ARE ASSOCIATED WITH THE HIGH-MASS YOUNG STELLAR OBJECT G345.4938+01.4677. <i>Astrophysical Journal</i> , 2014, 796, 117.	1.6	32
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74	Type Ib SN 1999dn as an example of the thoroughly mixed ejecta of Ib supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2924-2937.	1.6	16
75	The Evolution of Compact Binary Star Systems. <i>Living Reviews in Relativity</i> , 2014, 17, 3.	8.2	319
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77	Sher 25: pulsating but apparently alone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1483-1490.	1.6	14
78	HV 2112, a Thorne-Żytkow object or a super asymptotic giant branch star. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L36-L40.	1.2	18
79	MWC 314: binary results from optical interferometry compared with spectroscopy and photometry. , 2014, , .		1
80	Ionizing stellar population in the disc of NGC 3310 – II. The Wolf-Rayet population.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3803-3822.	1.6	7
81	AGES OF YOUNG STAR CLUSTERS, MASSIVE BLUE STRAGGLERS, AND THE UPPER MASS LIMIT OF STARS: ANALYZING AGE-DEPENDENT STELLAR MASS FUNCTIONS. <i>Astrophysical Journal</i> , 2014, 780, 117.	1.6	120
82	ON THE FORMATION OF Be STARS THROUGH BINARY INTERACTION. <i>Astrophysical Journal</i> , 2014, 796, 37.	1.6	88
83	THE EFFECTS OF STELLAR ROTATION. II. A COMPREHENSIVE SET OF STARBURST99 MODELS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 212, 14.	3.0	328
84	CLUES TO THE NATURE OF SN 2009ip FROM PHOTOMETRIC AND SPECTROSCOPIC EVOLUTION TO LATE TIMES. <i>Astrophysical Journal</i> , 2014, 787, 163.	1.6	64
85	Stellar mergers are common. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1319-1328.	1.6	107
86	RECENT STAR FORMATION IN THE LEADING ARM OF THE MAGELLANIC STREAM. <i>Astrophysical Journal Letters</i> , 2014, 784, L37.	3.0	27
87	THE BINARITY OF MILKY WAY F,G,K STARS AS A FUNCTION OF EFFECTIVE TEMPERATURE AND METALLICITY. <i>Astrophysical Journal Letters</i> , 2014, 788, L37.	3.0	58
88	V1309 Sco – UNDERSTANDING A MERGER. <i>Astrophysical Journal</i> , 2014, 786, 39.	1.6	132
89	THE HOST GALAXIES OF FAST-EJECTA CORE-COLLAPSE SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 789, 23.	1.6	53
90	HYPERCRITICAL ACCRETION, INDUCED GRAVITATIONAL COLLAPSE, AND BINARY-DRIVEN HYPERNOVAE. <i>Astrophysical Journal Letters</i> , 2014, 793, L36.	3.0	77

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91	<i>SUZAKU</i> MONITORING OF HARD X-RAY EMISSION FROM $\hat{\iota}$ -CARINAE OVER A SINGLE BINARY ORBITAL CYCLE. <i>Astrophysical Journal</i> , 2014, 795, 119.	1.6	14
92	EXTENDED MAIN SEQUENCE TURNOFFS IN INTERMEDIATE-AGE STAR CLUSTERS: A CORRELATION BETWEEN TURNOFF WIDTH AND EARLY ESCAPE VELOCITY. <i>Astrophysical Journal</i> , 2014, 797, 35.	1.6	113
93	SUPERNOVA 2010as: THE LOWEST-VELOCITY MEMBER OF A FAMILY OF FLAT-VELOCITY TYPE IIb SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 792, 7.	1.6	41
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96	A new method for an objective, χ^2 -based spectroscopic analysis of early-type stars. <i>Astronomy and Astrophysics</i> , 2014, 565, A63.	2.1	28
97	The red supergiant and supernova rate problems: implications for core-collapse supernova physics. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L99-L103.	1.2	69
98	The progenitors of calcium-rich transients are not formed in situ*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2157-2166.	1.6	43
99	THE INCIDENCE OF STELLAR MERGERS AND MASS GAINERS AMONG MASSIVE STARS. <i>Astrophysical Journal</i> , 2014, 782, 7.	1.6	251
100	THE FORMATION AND GRAVITATIONAL-WAVE DETECTION OF MASSIVE STELLAR BLACK HOLE BINARIES. <i>Astrophysical Journal</i> , 2014, 789, 120.	1.6	98
101	<i>Herschel</i> OBSERVATIONS OF DUST AROUND THE HIGH-MASS X-RAY BINARY GX 301-2. <i>Astrophysical Journal</i> , 2014, 797, 114.	1.6	10
102	PREPARING FOR AN EXPLOSION: HYDRODYNAMIC INSTABILITIES AND TURBULENCE IN PRESUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 785, 82.	1.6	174
103	AN ARGUMENT FOR WEAKLY MAGNETIZED, SLOWLY ROTATING PROGENITORS OF LONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 781, 3.	1.6	7
104	LUMINOUS BLUE VARIABLES AND SUPERLUMINOUS SUPERNOVAE FROM BINARY MERGERS. <i>Astrophysical Journal</i> , 2014, 796, 121.	1.6	100
105	Twins like to be seen: observational biases affecting spectroscopically selected binary stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2028-2033.	1.6	8
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107	R144: a very massive binary likely ejected from R136 through a binary-binary encounter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 4000-4005.	1.6	8
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110	SOUTHERN MASSIVE STARS AT HIGH ANGULAR RESOLUTION: OBSERVATIONAL CAMPAIGN AND COMPANION DETECTION. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 15.	3.0	480
111	FAILED SUPERNOVAE EXPLAIN THE COMPACT REMNANT MASS FUNCTION. <i>Astrophysical Journal</i> , 2014, 785, 28.	1.6	105
112	A 1.05 <i>M</i> _☉ COMPANION TO PSR J2222â€“0137: THE COOLEST KNOWN WHITE DWARF?. <i>Astrophysical Journal</i> , 2014, 789, 119.	1.6	23
113	THE OUTCOME OF SUPERNOVAE IN MASSIVE BINARIES; REMOVED MASS, AND ITS SEPARATION DEPENDENCE. <i>Astrophysical Journal</i> , 2014, 792, 66.	1.6	30
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116	MY Camelopardalis, a very massive merger progenitor. <i>Astronomy and Astrophysics</i> , 2014, 572, A110.	2.1	13
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118	Variability of massive stars with known spectral types in the Small Magellanic Cloud using 8 years of OGLE-III data. <i>Astronomy and Astrophysics</i> , 2014, 562, A125.	2.1	30
119	Two spotted and magnetic early B-type stars in the young open cluster NGCâ€“2264 discovered by MOST and ESPaDOnS. <i>Astronomy and Astrophysics</i> , 2014, 562, A143.	2.1	20
120	The evolution of massive stars and their spectra. <i>Astronomy and Astrophysics</i> , 2014, 564, A30.	2.1	103
121	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A40.	2.1	80
122	Evolution of surface CNO abundances in massive stars. <i>Astronomy and Astrophysics</i> , 2014, 565, A39.	2.1	62
123	Photometric Variability of OB-type stars as a New Window on Massive Stars. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 171-175.	0.0	0
124	Revealing the Mass Loss Structures of Four Key Massive Binaries Using Optical Spectropolarimetry. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 336-341.	0.0	0
125	The B Fields in OB Stars (BOB) Survey. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 342-347.	0.0	14
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128	Statistical Studies of Supernova Environments. Publications of the Astronomical Society of Australia, 2015, 32, .	1.3	53
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136	LIGHT CURVES OF CORE-COLLAPSE SUPERNOVAE WITH SUBSTANTIAL MASS LOSS USING THE NEW OPEN-SOURCE SUPERNOVA EXPLOSION CODE (SNEC). Astrophysical Journal, 2015, 814, 63.	1.6	151
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142	Low-metallicity massive single stars with rotation. Astronomy and Astrophysics, 2015, 581, A15.	2.1	105
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144	Nebular phase observations of the Type-Ib supernova iPTF13bvn favour a binary progenitor. Astronomy and Astrophysics, 2015, 579, A95.	2.1	46

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146	The cosmic MeV neutrino background as a laboratory for black hole formation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 413-417.	1.5	14
147	On the formation and evolution of the first Be star in a black hole binary MWC 656. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2773-2787.	1.6	28
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151	Probing massive stars around gamma-ray burst progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1458-1470.	1.6	4
152	Induced gravitational collapse in FeCO Core Neutron star binaries and Neutron star binary mergers. <i>International Journal of Modern Physics A</i> , 2015, 30, 1545023.	0.5	0
154	White dwarf masses in cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2015, 577, A143.	2.1	36
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