

# Hugues Sana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/792651/publications.pdf>

Version: 2024-02-01

217  
papers

10,672  
citations

36303

51  
h-index

38395

95  
g-index

217  
all docs

217  
docs citations

217  
times ranked

5504  
citing authors

#	ARTICLE	IF	CITATIONS
1	The observed multiplicity properties of B-type stars in the Galactic young open cluster NGC 6231. <i>Astronomy and Astrophysics</i> , 2022, 658, A69.	5.1	31
2	Multiplicity of Galactic luminous blue variable stars. <i>Astronomy and Astrophysics</i> , 2022, 657, A4.	5.1	14
3	The CubeSpec space mission. <i>Astronomy and Astrophysics</i> , 2022, 658, A96.	5.1	11
4	Uncovering astrometric black hole binaries with massive main-sequence companions with <i>Gaia</i>. <i>Astronomy and Astrophysics</i> , 2022, 658, A129.	5.1	22
5	Carina High-contrast Imaging Project for massive Stars (CHIPS). <i>Astronomy and Astrophysics</i> , 2022, 658, A198.	5.1	5
6	Planet Hunters TESS IV: a massive, compact hierarchical triple star system TICÂ470710327. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4710-4723.	4.4	10
7	Stellar mergers as the origin of the blue main-sequence band in young star clusters. <i>Nature Astronomy</i> , 2022, 6, 480-487.	10.1	25
8	HR 6819 is a binary system with no black hole. <i>Astronomy and Astrophysics</i> , 2022, 659, L3.	5.1	16
9	Detailed models of interacting short-period massive binary stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A98.	5.1	31
10	Properties of the Be-type stars in 30 Doradus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3331-3344.	4.4	7
11	Modeling overcontact binaries. <i>Astronomy and Astrophysics</i> , 2022, 661, A123.	5.1	8
12	The R136 star cluster dissected with <i>Hubble</i> Space Telescope/STIS. <i>Astronomy and Astrophysics</i> , 2022, 663, A36.	5.1	40
13	Probing the low-mass end of the companion mass function for O-type stars. <i>Astronomy and Astrophysics</i> , 2022, 660, A122.	5.1	6
14	The origin of close massive binaries in the M17 star-forming region. <i>Astronomy and Astrophysics</i> , 2022, 663, A26.	5.1	7
15	An X-ray-quiet black hole born with a negligible kick in a massive binary within the Large Magellanic Cloud. <i>Nature Astronomy</i> , 2022, 6, 1085-1092.	10.1	33
16	The inner circumstellar dust of the red supergiant Antares as seen with VLT/SPHERE/ZIMPOL. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 369-382.	4.4	12
17	A relation between the radial velocity dispersion of young clusters and their age. <i>Astronomy and Astrophysics</i> , 2021, 645, L10.	5.1	16
18	Analytic, dust-independent mass-loss rates for red supergiant winds initiated by turbulent pressure. <i>Astronomy and Astrophysics</i> , 2021, 646, A180.	5.1	22

#	ARTICLE	IF	CITATIONS
19	BAT99 126: A multiple Wolf-Rayet system in the Large Magellanic Cloud with a massive near-contact binary. <i>Astronomy and Astrophysics</i> , 2021, 646, A33.	5.1	7
20	The excess of cool supergiants from contemporary stellar evolution models defies the metallicity-independent Humphreysâ€“Davidson limit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1884-1896.	4.4	23
21	Dynamically inflated wind models of classical Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2021, 647, A151.	5.1	17
22	Characterization of the variability in the O+B eclipsing binary HDâˆ165246. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1124-1137.	4.4	9
23	The orbit and stellar masses of the archetype colliding-wind binary WRâ€“140. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5221-5230.	4.4	19
24	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2021, 650, A147.	5.1	15
25	The B-type binaries characterization programme I. Orbital solutions for the 30 Doradus population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5348-5375.	4.4	18
26	Resolving the dynamical mass tension of the massive binary 9 Sagittarii. <i>Astronomy and Astrophysics</i> , 2021, 651, A119.	5.1	8
27	The young massive SMC cluster NGC 330 seen by MUSE. <i>Astronomy and Astrophysics</i> , 2021, 652, A70.	5.1	23
28	Empirical mass-loss rates and clumping properties of Galactic early-type O supergiants. <i>Astronomy and Astrophysics</i> , 2021, 655, A67.	5.1	15
29	Detailed evolutionary models of massive contact binaries â€“ I. Model grids and synthetic populations for the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5013-5033.	4.4	21
30	Massive stars in extremely metal-poor galaxies: a window into the past. <i>Experimental Astronomy</i> , 2021, 51, 887-911.	3.7	5
31	A spectroscopic multiplicity survey of Galactic Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2020, 641, A26.	5.1	18
32	Is HR 6819 a triple system containing a black hole?. <i>Astronomy and Astrophysics</i> , 2020, 641, A43.	5.1	65
33	(Sub)stellar companions shape the winds of evolved stars. <i>Science</i> , 2020, 369, 1497-1500.	12.6	57
34	The high-energy emission from HDâˆ93129A near periastron. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6043-6052.	4.4	6
35	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2020, 634, A118.	5.1	40
36	The young massive SMC cluster NGC 330 seen by MUSE. <i>Astronomy and Astrophysics</i> , 2020, 634, A51.	5.1	30

#	ARTICLE	IF	CITATIONS
37	On the signature of a 70-solar-mass black hole in LB-1. <i>Nature</i> , 2020, 580, E11-E15.	27.8	51
38	The young stellar content of the giant H $\alpha$ regions M 8, G333.6 $\pm$ 0.2, and NGC 6357 with VLT/KMOS. <i>Astronomy and Astrophysics</i> , 2020, 633, A155.	5.1	5
39	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2020, 634, A119.	5.1	27
40	Why binary interaction does not necessarily dominate the formation of Wolf-Rayet stars at low metallicity. <i>Astronomy and Astrophysics</i> , 2020, 634, A79.	5.1	65
41	Multiplicity of the red supergiant population in the young massive cluster NGC 330. <i>Astronomy and Astrophysics</i> , 2020, 635, A29.	5.1	12
42	VLT/X-shooter spectroscopy of massive young stellar objects in the 30 Doradus region of the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2020, 636, A54.	5.1	7
43	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2020, 634, A16.	5.1	5
44	Spectroscopic patch model for massive stars using PHOEBE II and FASTWIND. <i>Astronomy and Astrophysics</i> , 2020, 636, A59.	5.1	13
45	Properties of OB star $\sim$ black hole systems derived from detailed binary evolution models. <i>Astronomy and Astrophysics</i> , 2020, 638, A39.	5.1	65
46	Investigating the lack of main-sequence companions to massive Be stars. <i>Astronomy and Astrophysics</i> , 2020, 641, A42.	5.1	49
47	The "hidden" companion in LB-1 unveiled by spectral disentangling. <i>Astronomy and Astrophysics</i> , 2020, 639, L6.	5.1	76
48	HST/COS Spectra of the Wind Lines of VFTS 102 and 285. <i>Astrophysical Journal</i> , 2020, 888, 82.	4.5	4
49	Carina High-contrast Imaging Project for massive Stars (CHIPS). <i>Astronomy and Astrophysics</i> , 2020, 640, A15.	5.1	12
50	Reconstructing the EUV Spectrum of Star-forming Regions from Millimeter Recombination Lines of H i, He i, and He ii. <i>Astrophysical Journal</i> , 2020, 903, 29.	4.5	2
51	Massive runaway and walkaway stars. <i>Astronomy and Astrophysics</i> , 2019, 624, A66.	5.1	131
52	Clues on the Origin and Evolution of Massive Contact Binaries: Atmosphere Analysis of VFTS 352. <i>Astrophysical Journal</i> , 2019, 880, 115.	4.5	30
53	The Wolf-Rayet binaries of the nitrogen sequence in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2019, 627, A151.	5.1	58
54	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A128.	5.1	25

#	ARTICLE	IF	CITATIONS
55	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A129.	5.1	18
56	An excess of massive stars in the local 30 Doradus starburst. <i>Science</i> , 2018, 359, 69-71.	12.6	164
57	Spectroscopy of complete populations of Wolf-Rayet binaries in the Magellanic Clouds. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 307-315.	0.0	1
58	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2018, 618, A73.	5.1	62
59	<i>Gaia</i> DR2 reveals a very massive runaway star ejected from R136. <i>Astronomy and Astrophysics</i> , 2018, 619, A78.	5.1	30
60	The shortest-period Wolf-Rayet binary in the Small Magellanic Cloud: Part of a high-order multiple system. <i>Astronomy and Astrophysics</i> , 2018, 616, A103.	5.1	14
61	The triple system HD 150136: From periastron passage to actual masses. <i>Astronomy and Astrophysics</i> , 2018, 616, A75.	5.1	11
62	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2018, 615, A101.	5.1	23
63	Response to Comment on "An excess of massive stars in the local 30 Doradus starburst". <i>Science</i> , 2018, 361, .	12.6	4
64	HST Astrometry in the 30 Doradus Region. II. Runaway Stars from New Proper Motions in the Large Magellanic Cloud. <i>Astronomical Journal</i> , 2018, 156, 98.	4.7	16
65	Lucky Star: Confirming the Distance to USNO-A0600-15865535 and High-velocity Cloud Complex WD. <i>Research Notes of the AAS</i> , 2018, 2, 59.	0.7	0
66	CUBESPEC: low-cost space-based astronomical spectroscopy. , 2018, , .		3
67	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2017, 598, A84.	5.1	95
68	A dearth of short-period massive binaries in the young massive star forming region Mâ€‰17. <i>Astronomy and Astrophysics</i> , 2017, 599, L9.	5.1	26
69	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A82.	5.1	37
70	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 603, A91.	5.1	14
71	Finding the UVâ€‰Visible Path Forward: Proceedings of the Community Workshop to Plan the Future of UV/Visible Space Astrophysics. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 076001.	3.1	13
72	A close encounter of the massive kind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3561-3567.	4.4	20

#	ARTICLE	IF	CITATIONS
73	<i>B</i> fields in OB stars (BOB): Concluding the FORS2 observing campaign. <i>Astronomy and Astrophysics</i> , 2017, 599, A66.	5.1	45
74	A modern study of HD 166734: a massive supergiant system. <i>Astronomy and Astrophysics</i> , 2017, 607, A96.	5.1	20
75	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2017, 598, A85.	5.1	37
76	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A81.	5.1	63
77	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 601, A79.	5.1	42
78	Resolved astrometric orbits of ten O-type binaries. <i>Astronomy and Astrophysics</i> , 2017, 601, A34.	5.1	32
79	Massive pre-main-sequence stars in M17. <i>Astronomy and Astrophysics</i> , 2017, 604, A78.	5.1	20
80	THE FIRST DISTANCE CONSTRAINT ON THE RENEGADE HIGH-VELOCITY CLOUD COMPLEX WD. <i>Astrophysical Journal Letters</i> , 2016, 828, L20.	8.3	7
81	A NEW PRESCRIPTION FOR THE MASS-LOSS RATES OF WC AND WO STARS. <i>Astrophysical Journal</i> , 2016, 833, 133.	4.5	33
82	Luminous blue variables: An imaging perspective on their binarity and near environment. <i>Astronomy and Astrophysics</i> , 2016, 587, A115.	5.1	11
83	A new prescription for the mass-loss rates of hydrogen-free WR stars. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 452-452.	0.0	0
84	Massive pre-main-sequence stars in M17. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 439-439.	0.0	0
85	HUBBLE TARANTULA TREASURY PROJECT. III. PHOTOMETRIC CATALOG AND RESULTING CONSTRAINTS ON THE PROGRESSION OF STAR FORMATION IN THE 30° RADUS REGION*. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 11.	7.7	67
86	Masses of the components of SB2s observed with <i>Gaia</i> II. Masses derived from PIONIER interferometric observations for <i>Gaia</i> validation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3303-3311.	4.4	12
87	CHIPS: The Carina High-contrast Imaging Project of massive Stars. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 436-436.	0.0	1
88	The VLT-FLAMES Tarantula Survey. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 279-286.	0.0	0
89	The multiplicity of massive stars: a 2016 view. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 110-117.	0.0	15
90	The supergiant O + O binary system HD 166734: a new study. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 402-402.	0.0	1

#	ARTICLE	IF	CITATIONS
91	Evidence of magnetic field decay in massive main-sequence stars. <i>Astronomy and Astrophysics</i> , 2016, 592, A84.	5.1	45
92	The mass of the very massive binary WR21a. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1275-1281.	4.4	22
93	The R136 star cluster dissected with <i>Hubble Space Telescope</i> /STIS. I. Far-ultraviolet spectroscopic census and the origin of He II $\lambda$ 1640 in young star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 624-659.	4.4	150
94	DISCOVERY OF THE MASSIVE OVERCONTACT BINARY VFTS 352: EVIDENCE FOR ENHANCED INTERNAL MIXING. <i>Astrophysical Journal</i> , 2015, 812, 102.	4.5	47
95	Characterizing, controlling, and correcting distortions in the COS FUV detector. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
96	BROAD BALMER WINGS IN BA HYPER/SUPERGIANTS DISTORTED BY DIFFUSE INTERSTELLAR BANDS: FIVE EXAMPLES IN THE 30 DORADUS REGION FROM THE VLT-FLAMES TARANTULA SURVEY. <i>Astrophysical Journal</i> , 2015, 809, 109.	4.5	4
97	Molecfit: A general tool for telluric absorption correction. <i>Astronomy and Astrophysics</i> , 2015, 576, A77.	5.1	490
98	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 580, A93.	5.1	112
99	The evolution of rotating very massive stars with LMC composition. <i>Astronomy and Astrophysics</i> , 2015, 573, A71.	5.1	119
100	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 580, A92.	5.1	60
101	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 582, A73.	5.1	9
102	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 574, A13.	5.1	58
103	Massive stars on the verge of exploding: the properties of oxygen sequence Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2015, 581, A110.	5.1	44
104	<i>HST</i> ASTROMETRY IN THE 30 DORADUS REGION: MEASURING PROPER MOTIONS OF INDIVIDUAL STARS IN THE LARGE MAGELLANIC CLOUD. <i>Astronomical Journal</i> , 2015, 150, 89.	4.7	14
105	Molecfit: A general tool for telluric absorption correction. <i>Astronomy and Astrophysics</i> , 2015, 576, A78.	5.1	330
106	The VLT-FLAMES Tarantula survey. <i>Astronomy and Astrophysics</i> , 2015, 579, A131.	5.1	12
107	B fields in OB stars (BOB): on the detection of weak magnetic fields in the two early B-type stars $\lambda$ 1259 $\mu$ CMa and $\lambda$ 1609 $\mu$ CMa. <i>Astronomy and Astrophysics</i> , 2015, 574, A20.	5.1	49
108	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 575, A70.	5.1	59

#	ARTICLE	IF	CITATIONS
109	B fields in OB stars (BOB): Low-resolution FORS2 spectropolarimetry of the first sample of 50 massive stars. <i>Astronomy and Astrophysics</i> , 2015, 582, A45.	5.1	77
110	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 570, A38.	5.1	101
111	THE THREE-BODY SYSTEM $\hat{\Gamma}$ CIRCINI. <i>Astronomical Journal</i> , 2014, 148, 114.	4.7	5
112	HD 152246: a new high-mass triple system and its basic properties. <i>Astronomy and Astrophysics</i> , 2014, 568, A94.	5.1	8
113	Sher 25: pulsating but apparently alone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1483-1490.	4.4	14
114	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.	4.5	120
115	THE INCIDENCE OF STELLAR MERGERS AND MASS GAINERS AMONG MASSIVE STARS. <i>Astrophysical Journal</i> , 2014, 782, 7.	4.5	251
116	SOUTHERN MASSIVE STARS AT HIGH ANGULAR RESOLUTION: OBSERVATIONAL CAMPAIGN AND COMPANION DETECTION. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 15.	7.7	480
117	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A40.	5.1	80
118	The properties of ten O-type stars in the low-metallicity galaxies IC 1613, WLM, and NGC 3109. <i>Astronomy and Astrophysics</i> , 2014, 572, A36.	5.1	29
119	Rotational velocities of single and binary O-type stars in the Tarantula Nebula. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 76-81.	0.0	1
120	The properties of single WO stars. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 144-145.	0.0	2
121	The BinaMICS project: understanding the origin of magnetic fields in massive stars through close binary systems. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 330-335.	0.0	17
122	The B Fields in OB Stars (BOB) Survey. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 342-347.	0.0	14
123	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A39.	5.1	47
124	Relating jet structure to photometric variability: the Herbig Ae star HD 163296. <i>Astronomy and Astrophysics</i> , 2014, 563, A87.	5.1	62
125	The VLT-FLAMES Tarantula Survey. XV. VFTS 822: A candidate Herbig B[e] star at low metallicity. <i>Astronomy and Astrophysics</i> , 2014, 564, L7.	5.1	11
126	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A63.	5.1	90



#	ARTICLE	IF	CITATIONS
127	THE ROTATION RATES OF MASSIVE STARS: THE ROLE OF BINARY INTERACTION THROUGH TIDES, MASS TRANSFER, AND MERGERS. <i>Astrophysical Journal</i> , 2013, 764, 166.	4.5	382
128	R144 revealed as a double-lined spectroscopic binary. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 432, L26-L30.	3.3	24
129	THE INITIAL MASS FUNCTION AND THE SURFACE DENSITY PROFILE OF NGC 6231. <i>Astronomical Journal</i> , 2013, 145, 37.	4.7	33
130	On the possibility that the most massive stars result from binary mergers. <i>EAS Publications Series</i> , 2013, 64, 21-28.	0.3	0
131	HD 152246, a new high-mass triple system – preliminary results. <i>EAS Publications Series</i> , 2013, 64, 411-412.	0.3	1
132	The VLT-Flames Tarantula Survey: an overview of the VFTS results so far. <i>EAS Publications Series</i> , 2013, 64, 147-154.	0.3	2
133	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 558, A134.	5.1	108
134	On the nature of WO stars: a quantitative analysis of the WO3 star DR1 in IC 1613. <i>Astronomy and Astrophysics</i> , 2013, 559, A72.	5.1	19
135	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 550, A107.	5.1	368
136	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 550, A109.	5.1	94
137	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 560, A29.	5.1	169
138	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 550, A108.	5.1	59
139	The outflow history of two Herbig-Haro jets in RCW 36: HH 1042 and HH 1043. <i>Astronomy and Astrophysics</i> , 2013, 551, A5.	5.1	57
140	X-ray properties of the young open clusters HM1 and IC 2944/2948. <i>Astronomy and Astrophysics</i> , 2013, 555, A83.	5.1	13
141	Three-dimensional orbits of the triple-O stellar system HD 150136. <i>Astronomy and Astrophysics</i> , 2013, 553, A131.	5.1	22
142	RCW36: characterizing the outcome of massive star formation. <i>Astronomy and Astrophysics</i> , 2013, 558, A102.	5.1	28
143	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 542, A49.	5.1	54
144	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 546, A73.	5.1	55

#	ARTICLE	IF	CITATIONS
145	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 545, L1.	5.1	51
146	Binary Interaction Dominates the Evolution of Massive Stars. <i>Science</i> , 2012, 337, 444-446.	12.6	1,397
147	9â€™%Sagittarii: uncovering an O-type spectroscopic binary with an 8.6-yr period. <i>Astronomy and Astrophysics</i> , 2012, 542, A95.	5.1	27
148	Evidence for a physically bound third component in HDâ€™%150136. <i>Astronomy and Astrophysics</i> , 2012, 540, A97.	5.1	36
149	First Very Large Telescope/X-shooter spectroscopy of early-type stars outside the Local Groupâ€™.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 367-378.	4.4	4
150	The long-period eccentric orbit of the particle accelerator HDâ€™f167971 revealed by long baseline interferometry<sup>â€™...</sup>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2711-2717.	4.4	12
151	The Struve-Sahade effect in the optical spectra of O-type binaries. <i>Astronomy and Astrophysics</i> , 2012, 541, C2.	5.1	0
152	THE VLT-FLAMES TARANTULA SURVEY: THE FASTEST ROTATING O-TYPE STAR AND SHORTEST PERIOD LMC PULSARâ€™REMNANTS OF A SUPERNOVA DISRUPTED BINARY?. <i>Astrophysical Journal Letters</i> , 2011, 743, L22.	8.3	57
153	Optical atmospheric extinction over Cerro Paranal. <i>Astronomy and Astrophysics</i> , 2011, 527, A91.	5.1	103
154	THE INTERMEDIATE-MASS YOUNG STELLAR OBJECT 08576nr292: DISCOVERY OF A DISKâ€™JET SYSTEM. <i>Astrophysical Journal Letters</i> , 2011, 732, L9.	8.3	18
155	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, L10.	5.1	32
156	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, L14.	5.1	83
157	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, A108.	5.1	217
158	Quantitative near infra-red spectroscopy of massive stars. <i>Journal of Physics: Conference Series</i> , 2011, 328, 012025.	0.4	1
159	The O stars in the VLT-FLAMES Tarantula Survey. <i>Journal of Physics: Conference Series</i> , 2011, 328, 012022.	0.4	4
160	THE NON-THERMAL RADIO EMITTER HD 93250 RESOLVED BY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal Letters</i> , 2011, 740, L43.	8.3	26
161	A spectroscopic investigation of early-type stars in the young open cluster Westerlundâ€™%2. <i>Astronomy and Astrophysics</i> , 2011, 535, A40.	5.1	29
162	ON THE MASS-LOSS RATE OF MASSIVE STARS IN THE LOW-METALLICITY GALAXIES IC 1613, WLM, AND NGC 3109. <i>Astrophysical Journal Letters</i> , 2011, 741, L8.	8.3	39

#	ARTICLE	IF	CITATIONS
163	The massive star binary fraction in young open clusters - III. ICâ€f2944 and the Cenâ€fOB2 association. Monthly Notices of the Royal Astronomical Society, 2011, 416, 817-831.	4.4	48
164	The VLT-FLAMES Tarantula survey. Proceedings of the International Astronomical Union, 2010, 6, 296-297.	0.0	0
165	The multiplicity of massive stars. Proceedings of the International Astronomical Union, 2010, 6, 474-485.	0.0	44
166	HD 150136: towards one of the most massive systems?. Proceedings of the International Astronomical Union, 2010, 6, 521-522.	0.0	0
167	High-angular resolution observations of the Pistol star. Proceedings of the International Astronomical Union, 2010, 6, 616-617.	0.0	1
168	A MASSIVE RUNAWAY STAR FROM 30 DORADUS. Astrophysical Journal Letters, 2010, 715, L74-L79.	8.3	55
169	High-dispersion infrared spectroscopic observations of comet 8P/Tuttle with VLT/CRIRES ,. Astronomy and Astrophysics, 2010, 509, A80.	5.1	21
170	A NEW INVESTIGATION OF THE BINARY HD 48099. Astrophysical Journal, 2010, 708, 1537-1544.	4.5	22
171	On the velocity dispersion of young star clusters: super-virial or binaries?. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1750-1757.	4.4	58
172	A MAD view of Trumpler 14. Astronomy and Astrophysics, 2010, 515, A26.	5.1	53
173	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. Astronomy and Astrophysics, 2010, 512, A41.	5.1	73
174	Non-thermal Processes in Colliding-wind Massive Binaries: the Contribution of Simbol-X to a Multiwavelength Investigation. , 2009, , .		1
175	A Multi-Wavelength Simultaneous Study of the Composition of the Halley Family Comet 8P/Tuttle. Earth, Moon and Planets, 2009, 105, 343-349.	0.6	15
176	Optical spectroscopy of X-Mega targets in the Carina nebula - VII. On the multiplicity of Trâ€f16-112, HDâ€f93343 and HDâ€f93250. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1582-1592.	4.4	23
177	The massive star binary fraction in young open clusters " II. NGCâ€f6611 (Eagle Nebula). Monthly Notices of the Royal Astronomical Society, 2009, 400, 1479-1492.	4.4	79
178	A tool for modelling telluric spectra. Proceedings of the International Astronomical Union, 2009, 5, 533-534.	0.0	0
179	The VLTâ€fFLAMES Tarantula Survey. Proceedings of the International Astronomical Union, 2009, 5, 35-40.	0.0	1
180	Elemental abundances in the Galactic bulge from microlensed dwarf stars. Proceedings of the International Astronomical Union, 2009, 5, 346-347.	0.0	0

#	ARTICLE	IF	CITATIONS
181	Phase-resolved XMM-Newton observations of the massive WR+O binary WRÂ22. <i>Astronomy and Astrophysics</i> , 2009, 508, 805-821.	5.1	25
182	The nature of the line profile variability in the spectrum of the massive binary HD 152219. <i>Astronomy and Astrophysics</i> , 2009, 501, 291-295.	5.1	8
183	Early-type stars in the young open cluster NGC 2244 and in the Monoceros OB2 association. <i>Astronomy and Astrophysics</i> , 2009, 502, 937-950.	5.1	43
184	The massive binary HD 152218 revisited: A new colliding wind system in NGC 6231. <i>New Astronomy</i> , 2008, 13, 202-215.	1.8	18
185	The massive star binary fraction in young open clusters â€“ I. NGC 6231 revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 447-460.	4.4	101
186	CRILES: commissioning and first science results. <i>Proceedings of SPIE</i> , 2008, , .	0.8	5
187	Recent Developments in the Optimal Extraction of LIVES Spectra. , 2008, , 403-407.		1
188	High-resolution optical spectroscopy of Plaskett's star. <i>Astronomy and Astrophysics</i> , 2008, 489, 713-723.	5.1	43
189	CORONAL TEMPERATURE AS AN AGE INDICATOR. <i>Journal of the Korean Astronomical Society</i> , 2008, 41, 1-6.	1.5	5
190	Constraining the Fundamental Parameters of the Oâ€“type Binary CPD âˆ’41 7733. <i>Astrophysical Journal</i> , 2007, 659, 1582-1591.	4.5	6
191	The Struve-Sahade effect in the optical spectra of O-type binaries. <i>Astronomy and Astrophysics</i> , 2007, 474, 193-204.	5.1	35
192	INTEGRAL-ISGRI observations of the Cygnusâ€“OB2 region. <i>Astronomy and Astrophysics</i> , 2007, 472, 905-910.	5.1	11
193	An XMM-Newton view of the young open cluster NGC 6231 - III. Optically faint X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 945-956.	4.4	32
194	Early-type stars in the core of the young open cluster Westerlund 2. <i>Astronomy and Astrophysics</i> , 2007, 463, 981-991.	5.1	71
195	The OB binary HDâ€“152219: a detached, double-lined, eclipsing systemâˆ“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 67-80.	4.4	45
196	XMM-Newton observations of the massive colliding wind binary and non-thermal radio emitter Cygâ€“1/2 OB2â€“8A [O6If + O5.5III(f)]. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1280-1294.	4.4	46
197	An XMM-Newton view of the young open cluster NGC 6231 - II. The OB star population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 661-678.	4.4	137
198	An XMM-Newton view of the young open cluster NGCâ€“6231. <i>Astronomy and Astrophysics</i> , 2006, 454, 1047-1063.	5.1	28

#	ARTICLE	IF	CITATIONS
199	The first orbital solution for the massive colliding-wind binary HD 93162 (WR 25). <i>Astronomy and Astrophysics</i> , 2006, 460, 777-782.	5.1	33
200	Optical spectroscopy of X-Mega targets - V. The spectroscopic binary HD 93161 A and its visual companion HD 93161 B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 688-698.	4.4	14
201	The massive binary CPD - 41° 7742. <i>Astronomy and Astrophysics</i> , 2005, 441, 213-229.	5.1	31
202	An XMM-Newton look at the Wolf-Rayet star WR 40. <i>Astronomy and Astrophysics</i> , 2005, 429, 685-704.	5.1	37
203	The spectrum of the very massive binary system WR 20a (WN6ha + WN6ha): Fundamental parameters and wind interactions. <i>Astronomy and Astrophysics</i> , 2005, 432, 985-998.	5.1	67
204	The ratio of the $\lambda_{1548,1550}$ rest-wavelengths from high-redshift QSO absorption lines. <i>Astronomy and Astrophysics</i> , 2004, 422, 523-526.	5.1	9
205	A phase-resolved XMM-Newton campaign on the colliding-wind binary HD 152248. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 809-828.	4.4	49
206	WR 20a: A massive cornerstone binary system comprising two extreme early-type stars. <i>Astronomy and Astrophysics</i> , 2004, 420, L9-L13.	5.1	83
207	Quasi-simultaneous XMM-Newton and VLA observation of the non-thermal radio emitter HD 168112 (O5.5 III <sup>+</sup> ). <i>Astronomy and Astrophysics</i> , 2004, 420, 1061-1077.	5.1	22
208	Preliminary results from XMM-Newton observations of the massive Wolf-Rayet binary WR 22 (WN7H+O9III-V). <i>Symposium - International Astronomical Union</i> , 2003, 212, 188-189.	0.1	1
209	The massive binary CPD - 41° 7742 I. High-resolution optical spectroscopy. <i>Astronomy and Astrophysics</i> , 2003, 405, 1063-1074.	5.1	28
210	A multi-wavelength investigation of the non-thermal radio emitting O-star $\theta$ Sgr. <i>Astronomy and Astrophysics</i> , 2002, 394, 993-1008.	5.1	42
211	Optical spectroscopy of X-Mega targets - IV. CPD -59 2636: a new O-type multiple system in the Carina Nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 1099-1108.	4.4	15
212	Phase-resolved X-ray and optical spectroscopy of the massive binary HD 93403. <i>Astronomy and Astrophysics</i> , 2002, 388, 552-562.	5.1	28
213	Optical spectroscopy of XMEGA targets in the Carina Nebula - III. The multiple system Tr 16-104 (CPD -59) Tj ET Oq 1 0.784314 rg 5T	4.4	26
214	HD 152248: Evidence for a colliding wind interaction. <i>Astronomy and Astrophysics</i> , 2001, 370, 121-135.	5.1	39
215	Constraining the overcontact phase in massive binary evolution. I. Mixing in V382 Cyg, VFTS 352, and OGLE SMC-SC10 108086. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	18
216	B fields in OB stars (BOB). Detection of a strong magnetic field in the non-peculiar O9.7V star HD 54879. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	10

#	ARTICLE	IF	CITATIONS
217	Binary-object spectral-synthesis in 3D (BOSS-3D). Modelling H $\alpha$ emission in the enigmatic multiple system LB-1. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	3