

Hugues Sana

List of Publications by Year in descending order

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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	Binary Interaction Dominates the Evolution of Massive Stars. <i>Science</i> , 2012, 337, 444-446.	12.6	1,397
2	Molecfit: A general tool for telluric absorption correction. <i>Astronomy and Astrophysics</i> , 2015, 576, A77.	5.1	490
3	SOUTHERN MASSIVE STARS AT HIGH ANGULAR RESOLUTION: OBSERVATIONAL CAMPAIGN AND COMPANION DETECTION. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 15.	7.7	480
4	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
5	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 550, A107.	5.1	368
6	Molecfit: A general tool for telluric absorption correction. <i>Astronomy and Astrophysics</i> , 2015, 576, A78.	5.1	330
7	THE INCIDENCE OF STELLAR MERGERS AND MASS GAINERS AMONG MASSIVE STARS. <i>Astrophysical Journal</i> , 2014, 782, 7.	4.5	251
8	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, A108.	5.1	217
9	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 560, A29.	5.1	169
10	An excess of massive stars in the local 30 Doradus starburst. <i>Science</i> , 2018, 359, 69-71.	12.6	164
11	The R136 star cluster dissected with Hubble Space Telescope/STIS. I. Far-ultraviolet spectroscopic census and the origin of He II λ 1640 in young star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 624-659.	4.4	150
12	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
13	Massive runaway and walkaway stars. <i>Astronomy and Astrophysics</i> , 2019, 624, A66.	5.1	131
14	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
15	The evolution of rotating very massive stars with LMC composition. <i>Astronomy and Astrophysics</i> , 2015, 573, A71.	5.1	119
16	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 580, A93.	5.1	112
17	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 558, A134.	5.1	108
18	Optical atmospheric extinction over Cerro Paranal. <i>Astronomy and Astrophysics</i> , 2011, 527, A91.	5.1	103

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19	The massive star binary fraction in young open clusters – I. NGC 6231 revisited. Monthly Notices of the Royal Astronomical Society, 2008, 386, 447-460.	4.4	101
20	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2014, 570, A38.	5.1	101
21	The Tarantula Massive Binary Monitoring. Astronomy and Astrophysics, 2017, 598, A84.	5.1	95
22	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2013, 550, A109.	5.1	94
23	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2014, 564, A63.	5.1	90
24	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2011, 530, L14.	5.1	83
25	WR 20a: A massive cornerstone binary system comprising two extreme early-type stars. Astronomy and Astrophysics, 2004, 420, L9-L13.	5.1	83
26	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2014, 564, A40.	5.1	80
27	The massive star binary fraction in young open clusters – II. NGC 6611 (Eagle Nebula). Monthly Notices of the Royal Astronomical Society, 2009, 400, 1479-1492.	4.4	79
28	B fields in OB stars (BOB): Low-resolution FORS2 spectropolarimetry of the first sample of 50 massive stars. Astronomy and Astrophysics, 2015, 582, A45.	5.1	77
29	The “hidden” companion in LB-1 unveiled by spectral disentangling. Astronomy and Astrophysics, 2020, 639, L6.	5.1	76
30	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. Astronomy and Astrophysics, 2010, 512, A41.	5.1	73
31	Early-type stars in the core of the young open cluster Westerlund 2. Astronomy and Astrophysics, 2007, 463, 981-991.	5.1	71
32	The spectrum of the very massive binary system WR 20a (WN6ha + WN6ha): Fundamental parameters and wind interactions. Astronomy and Astrophysics, 2005, 432, 985-998.	5.1	67
33	HUBBLE TARANTULA TREASURY PROJECT. III. PHOTOMETRIC CATALOG AND RESULTING CONSTRAINTS ON THE PROGRESSION OF STAR FORMATION IN THE 30' RADIUS REGION*. Astrophysical Journal, Supplement Series, 2016, 222, 11.	7.7	67
34	Is HR 6819 a triple system containing a black hole?. Astronomy and Astrophysics, 2020, 641, A43.	5.1	65
35	Why binary interaction does not necessarily dominate the formation of Wolf-Rayet stars at low metallicity. Astronomy and Astrophysics, 2020, 634, A79.	5.1	65
36	Properties of OB star-black hole systems derived from detailed binary evolution models. Astronomy and Astrophysics, 2020, 638, A39.	5.1	65

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37	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A81.	5.1	63
38	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2018, 618, A73.	5.1	62
39	Relating jet structure to photometric variability: the Herbig Ae star HD 163296. <i>Astronomy and Astrophysics</i> , 2014, 563, A87.	5.1	62
40	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 580, A92.	5.1	60
41	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2013, 550, A108.	5.1	59
42	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 575, A70.	5.1	59
43	On the velocity dispersion of young star clusters: super-virial or binaries?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1750-1757.	4.4	58
44	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2015, 574, A13.	5.1	58
45	The Wolf-Rayet binaries of the nitrogen sequence in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2019, 627, A151.	5.1	58
46	THE VLT-FLAMES TARANTULA SURVEY: THE FASTEST ROTATING O-TYPE STAR AND SHORTEST PERIOD LMC PULSAR REMNANTS OF A SUPERNOVA DISRUPTED BINARY?. <i>Astrophysical Journal Letters</i> , 2011, 743, L22.	8.3	57
47	(Sub)stellar companions shape the winds of evolved stars. <i>Science</i> , 2020, 369, 1497-1500.	12.6	57
48	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
49	A MASSIVE RUNAWAY STAR FROM 30 DORADUS. <i>Astrophysical Journal Letters</i> , 2010, 715, L74-L79.	8.3	55
50	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 546, A73.	5.1	55
51	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 542, A49.	5.1	54
52	A MAD view of Trumpler 14. <i>Astronomy and Astrophysics</i> , 2010, 515, A26.	5.1	53
53	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2012, 545, L1.	5.1	51
54	On the signature of a 70-solar-mass black hole in LB-1. <i>Nature</i> , 2020, 580, E11-E15.	27.8	51

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55	A phase-resolved XMM-Newton campaign on the colliding-wind binary HD 152248. Monthly Notices of the Royal Astronomical Society, 2004, 350, 809-828.	4.4	49
56	B fields in OB stars (BOB): on the detection of weak magnetic fields in the two early B-type stars μ CMa and λ CMa. Astronomy and Astrophysics, 2015, 574, A20.	5.1	49
57	Investigating the lack of main-sequence companions to massive Be stars. Astronomy and Astrophysics, 2020, 641, A42.	5.1	49
58	The massive star binary fraction in young open clusters - III. IC 2944 and the Cen OB2 association. Monthly Notices of the Royal Astronomical Society, 2011, 416, 817-831.	4.4	48
59	DISCOVERY OF THE MASSIVE OVERCONTACT BINARY VFTS 352: EVIDENCE FOR ENHANCED INTERNAL MIXING. Astrophysical Journal, 2015, 812, 102.	4.5	47
60	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2014, 564, A39.	5.1	47
61	XMM-Newton observations of the massive colliding wind binary and non-thermal radio emitter Cyg 8A [O6If + O5.5III(f)]. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1280-1294.	4.4	46
62	The OB binary HD 152219: a detached, double-lined, eclipsing system.... Monthly Notices of the Royal Astronomical Society, 2006, 371, 67-80.	4.4	45
63	Evidence of magnetic field decay in massive main-sequence stars. Astronomy and Astrophysics, 2016, 592, A84.	5.1	45
64	B fields in OB stars (BOB): Concluding the FORS2 observing campaign. Astronomy and Astrophysics, 2017, 599, A66.	5.1	45
65	The multiplicity of massive stars. Proceedings of the International Astronomical Union, 2010, 6, 474-485.	0.0	44
66	Massive stars on the verge of exploding: the properties of oxygen sequence Wolf-Rayet stars. Astronomy and Astrophysics, 2015, 581, A110.	5.1	44
67	Early-type stars in the young open cluster NGC 2244 and in the Monoceros OB2 association. Astronomy and Astrophysics, 2009, 502, 937-950.	5.1	43
68	High-resolution optical spectroscopy of Plaskett's star. Astronomy and Astrophysics, 2008, 489, 713-723.	5.1	43
69	A multi-wavelength investigation of the non-thermal radio emitting O-star θ Sgr. Astronomy and Astrophysics, 2002, 394, 993-1008.	5.1	42
70	The VLT-FLAMES Tarantula Survey. Astronomy and Astrophysics, 2017, 601, A79.	5.1	42
71	The Tarantula Massive Binary Monitoring. Astronomy and Astrophysics, 2020, 634, A118.	5.1	40
72	The R136 star cluster dissected with Hubble Space Telescope/STIS. Astronomy and Astrophysics, 2022, 663, A36.	5.1	40

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73	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
74	HD 152248: Evidence for a colliding wind interaction. <i>Astronomy and Astrophysics</i> , 2001, 370, 121-135.	5.1	39
75	An XMM-Newton look at the Wolf-Rayet star WR 40. <i>Astronomy and Astrophysics</i> , 2005, 429, 685-704.	5.1	37
76	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A82.	5.1	37
77	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2017, 598, A85.	5.1	37
78	Evidence for a physically bound third component in HD 150136. <i>Astronomy and Astrophysics</i> , 2012, 540, A97.	5.1	36
79	The Struve-Sahade effect in the optical spectra of O-type binaries. <i>Astronomy and Astrophysics</i> , 2007, 474, 193-204.	5.1	35
80	THE INITIAL MASS FUNCTION AND THE SURFACE DENSITY PROFILE OF NGC 6231. <i>Astronomical Journal</i> , 2013, 145, 37.	4.7	33
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	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
83	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
84	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
85	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, L10.	5.1	32
86	Resolved astrometric orbits of ten O-type binaries. <i>Astronomy and Astrophysics</i> , 2017, 601, A34.	5.1	32
87	The massive binary CPD - 41° 7742. <i>Astronomy and Astrophysics</i> , 2005, 441, 213-229.	5.1	31
88	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
89	Detailed models of interacting short-period massive binary stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A98.	5.1	31
90	<i>Gaia</i> DR2 reveals a very massive runaway star ejected from R136. <i>Astronomy and Astrophysics</i> , 2018, 619, A78.	5.1	30

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91	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
92	The young massive SMC cluster NGC 330 seen by MUSE. <i>Astronomy and Astrophysics</i> , 2020, 634, A51.	5.1	30
93	A spectroscopic investigation of early-type stars in the young open cluster Westerlund 2. <i>Astronomy and Astrophysics</i> , 2011, 535, A40.	5.1	29
94	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
95	The massive binary CPD 41° 7742 I. High-resolution optical spectroscopy. <i>Astronomy and Astrophysics</i> , 2003, 405, 1063-1074.	5.1	28
96	RCW36: characterizing the outcome of massive star formation. <i>Astronomy and Astrophysics</i> , 2013, 558, A102.	5.1	28
97	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
98	An XMM-Newton view of the young open cluster NGC 6231. <i>Astronomy and Astrophysics</i> , 2006, 454, 1047-1063.	5.1	28
99	9 Sagittarii: uncovering an O-type spectroscopic binary with an 8.6-year period. <i>Astronomy and Astrophysics</i> , 2012, 542, A95.	5.1	27
100	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2020, 634, A119.	5.1	27
101	Optical spectroscopy of XMEGA targets in the Carina Nebula - III. The multiple system Tr 16-104 (CPD -59° Tj ETQ 1 0.784314 rg BT	4.4	26
102	THE NON-THERMAL RADIO EMITTER HD 93250 RESOLVED BY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal Letters</i> , 2011, 740, L43.	8.3	26
103	A dearth of short-period massive binaries in the young massive star forming region M 17. <i>Astronomy and Astrophysics</i> , 2017, 599, L9.	5.1	26
104	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A128.	5.1	25
105	Phase-resolved XMM-Newton observations of the massive WR+O binary WR 22. <i>Astronomy and Astrophysics</i> , 2009, 508, 805-821.	5.1	25
106	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
107	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
108	Optical spectroscopy of X-Mega targets in the Carina nebula - VII. On the multiplicity of Tr 16-112, HD 93343 and HD 93250. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1582-1592.	4.4	23

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109	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2018, 615, A101.	5.1	23
110	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
111	The young massive SMC cluster NGC 330 seen by MUSE. <i>Astronomy and Astrophysics</i> , 2021, 652, A70.	5.1	23
112	A NEW INVESTIGATION OF THE BINARY HD 48099. <i>Astrophysical Journal</i> , 2010, 708, 1537-1544.	4.5	22
113	The mass of the very massive binary WR21a. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1275-1281.	4.4	22
114	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
115	Three-dimensional orbits of the triple-O stellar system HD 150136. <i>Astronomy and Astrophysics</i> , 2013, 553, A131.	5.1	22
116	Quasi-simultaneous XMM-Newton and VLA observation of the non-thermal radio emitter HDâ€™%168112 (O5.5III(f\$mathsf{^+}\$)). <i>Astronomy and Astrophysics</i> , 2004, 420, 1061-1077.	5.1	22
117	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
118	High-dispersion infrared spectroscopic observations of comet 8P/Tuttle with VLT/CRIRES, . <i>Astronomy and Astrophysics</i> , 2010, 509, A80.	5.1	21
119	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
120	A close encounter of the massive kind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3561-3567.	4.4	20
121	A modern study of HDâ€™%166734: a massive supergiant system. <i>Astronomy and Astrophysics</i> , 2017, 607, A96.	5.1	20
122	Massive pre-main-sequence stars in M17. <i>Astronomy and Astrophysics</i> , 2017, 604, A78.	5.1	20
123	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
124	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
125	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
126	THE INTERMEDIATE-MASS YOUNG STELLAR OBJECT 08576nr292: DISCOVERY OF A DISKâ€™“JET SYSTEM. <i>Astrophysical Journal Letters</i> , 2011, 732, L9.	8.3	18

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127	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A129.	5.1	18
128	A spectroscopic multiplicity survey of Galactic Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2020, 641, A26.	5.1	18
129	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
130	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
131	The BinaMlcS 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
132	Dynamically inflated wind models of classical Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2021, 647, A151.	5.1	17
133	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
134	A relation between the radial velocity dispersion of young clusters and their age. <i>Astronomy and Astrophysics</i> , 2021, 645, L10.	5.1	16
135	HR 6819 is a binary system with no black hole. <i>Astronomy and Astrophysics</i> , 2022, 659, L3.	5.1	16
136	Optical spectroscopy of X-Mega targets - IV. CPD -59Â2636: 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
137	A Multi-Wavelength Simultaneous Study of the Composition of the Halley Family Comet 8P/Tuttle. <i>Earth, Moon and Planets</i> , 2009, 105, 343-349.	0.6	15
138	The multiplicity of massive stars: a 2016 view. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 110-117.	0.0	15
139	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2021, 650, A147.	5.1	15
140	Empirical mass-loss rates and clumping properties of Galactic early-type O supergiants. <i>Astronomy and Astrophysics</i> , 2021, 655, A67.	5.1	15
141	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
142	SherÂ25: pulsating but apparently alone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1483-1490.	4.4	14
143	The B Fields in OB Stars (BOB) Survey. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 342-347.	0.0	14
144	<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

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145	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2017, 603, A91.	5.1	14
146	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
147	Multiplicity of Galactic luminous blue variable stars. <i>Astronomy and Astrophysics</i> , 2022, 657, A4.	5.1	14
148	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
149	X-ray properties of the young open clusters HM1 and ICâ€™%2944/2948. <i>Astronomy and Astrophysics</i> , 2013, 555, A83.	5.1	13
150	Spectroscopic patch model for massive stars using PHOEBE II and FASTWIND. <i>Astronomy and Astrophysics</i> , 2020, 636, A59.	5.1	13
151	The long-period eccentric orbit of the particle accelerator HDâ€™f167971 revealed by long baseline interferometry^{âˆ™...}. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2711-2717.	4.4	12
152	Masses of the components of SB2s observed with<i>Gaia</i>â€™ 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
153	Multiplicity of the red supergiant population in the young massive cluster NGC 330. <i>Astronomy and Astrophysics</i> , 2020, 635, A29.	5.1	12
154	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
155	The VLT-FLAMES Tarantula survey. <i>Astronomy and Astrophysics</i> , 2015, 579, A131.	5.1	12
156	Carina High-contrast Imaging Project for massive Stars (CHIPS). <i>Astronomy and Astrophysics</i> , 2020, 640, A15.	5.1	12
157	INTEGRAL-ISGR1 observations of the Cygnusâ€™OB2 region. <i>Astronomy and Astrophysics</i> , 2007, 472, 905-910.	5.1	11
158	Luminous blue variables: An imaging perspective on their binarity and near environment. <i>Astronomy and Astrophysics</i> , 2016, 587, A115.	5.1	11
159	The triple system HD 150136: From periastron passage to actual masses. <i>Astronomy and Astrophysics</i> , 2018, 616, A75.	5.1	11
160	The VLT-FLAMES Tarantula Survey. XV. VFTSâ€™822: A candidate Herbig B[e] star at low metallicity. <i>Astronomy and Astrophysics</i> , 2014, 564, L7.	5.1	11
161	The CubeSpec space mission. <i>Astronomy and Astrophysics</i> , 2022, 658, A96.	5.1	11
162	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

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