

Pierre Kervella

List of Publications by Year in descending order

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Version: 2024-02-01

311
papers

12,377
citations

28274

55
h-index

34986

98
g-index

315
all docs

315
docs citations

315
times ranked

7323
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstellar Now! Missions to Explore Nearby Interstellar Objects. <i>Advances in Space Research</i> , 2022, 69, 402-414.	2.6	12
2	Stellar and substellar companions from <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2022, 657, A7.	5.1	103
3	ATOMIUM: ALMA tracing the origins of molecules in dust forming oxygen rich M-type stars. <i>Astronomy and Astrophysics</i> , 2022, 660, A94.	5.1	14
4	Mass distribution in the Galactic Center based on interferometric astrometry of multiple stellar orbits. <i>Astronomy and Astrophysics</i> , 2022, 657, L12.	5.1	94
5	Deep images of the Galactic center with GRAVITY. <i>Astronomy and Astrophysics</i> , 2022, 657, A82.	5.1	11
6	An Absolute Calibration of the Near-infrared Period-Luminosity Relations of Type II Cepheids in the Milky Way and in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2022, 927, 89.	4.5	5
7	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
8	Detection of faint stars near Sagittarius A* with GRAVITY. <i>Astronomy and Astrophysics</i> , 2021, 645, A127.	5.1	28
9	Constraining the Nature of the PDS 70 Protoplanets with VLT/GRAVITY ^â . <i>Astronomical Journal</i> , 2021, 161, 148.	4.7	59
10	TESS Observations of Cepheid Stars: First Light Results. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 11.	7.7	27
11	Imaging low-mass planets within the habitable zone of $\hat{\iota}$ Centauri. <i>Nature Communications</i> , 2021, 12, 922.	12.8	29
12	Improved GRAVITY astrometric accuracy from modeling optical aberrations. <i>Astronomy and Astrophysics</i> , 2021, 647, A59.	5.1	82
13	Inspecting the Cepheid Distance Ladder: the Hubble Space Telescope Distance to the SN Ia Host Galaxy NGC 5584. <i>Astrophysical Journal</i> , 2021, 911, 12.	4.5	18
14	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A5.	5.1	246
15	The surface brightness-colour relations based on eclipsing binary stars and calibrated with <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2021, 649, A109.	5.1	10
16	The Influence of Metallicity on the Leavitt Law from Geometrical Distances of Milky Way and Magellanic Cloud Cepheids. <i>Astrophysical Journal</i> , 2021, 913, 38.	4.5	34
17	The inner hot dust in the torus of NGC 1068. <i>Astronomy and Astrophysics</i> , 2021, 652, A65.	5.1	4
18	A dusty veil shading Betelgeuse during its Great Dimming. <i>Nature</i> , 2021, 594, 365-368.	27.8	55

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19	Mid-infrared circumstellar emission of the long-period Cepheid κ Carinae resolved with VLT/MATISSE. <i>Astronomy and Astrophysics</i> , 2021, 651, A92.	5.1	7
20	Extended envelopes around Galactic Cepheids. <i>Astronomy and Astrophysics</i> , 2021, 651, A113.	5.1	9
21	MOLsphere and pulsations of the Galactic Center's red supergiant GCIRS 7 from VLT/GRAVITY. <i>Astronomy and Astrophysics</i> , 2021, 651, A37.	5.1	3
22	The Araucaria Project. Distances to Nine Galaxies Based on a Statistical Analysis of their Carbon Stars (JAGB Method). <i>Astrophysical Journal</i> , 2021, 916, 19.	4.5	11
23	Constraining particle acceleration in Sgr A [*] with simultaneous GRAVITY, <i>Spitzer</i> , <i>NuSTAR</i> , and <i>Chandra</i> observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A22.	5.1	28
24	X-Rays in Cepheids: XMM-Newton Observations of $\hat{\iota}$ Aql*. <i>Astronomical Journal</i> , 2021, 162, 92.	4.7	4
25	GRAVITY <i>K</i> -band spectroscopy of HD 206893 B. <i>Astronomy and Astrophysics</i> , 2021, 652, A57.	5.1	12
26	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A112.	5.1	6
27	The mass of $\hat{\iota}^2$ Pictoris c from $\hat{\iota}^2$ Pictoris b orbital motion. <i>Astronomy and Astrophysics</i> , 2021, 654, L2.	5.1	33
28	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A73.	5.1	16
29	Inspecting the Cepheid parallax of pulsation using <i>Gaia</i> EDR3 parallaxes. <i>Astronomy and Astrophysics</i> , 2021, 656, A102.	5.1	8
30	Precision Millimeter Astrometry of the $\hat{\iota}$ Centauri AB System. <i>Astronomical Journal</i> , 2021, 162, 14.	4.7	10
31	Searching for Planets Orbiting $\hat{\iota}$ Cen A with the <i>James Webb Space Telescope</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 015002.	3.1	14
32	Unveiling the $\hat{\iota}^2$ Pictoris system, coupling high contrast imaging, interferometric, and radial velocity data. <i>Astronomy and Astrophysics</i> , 2020, 642, A18.	5.1	38
33	Direct confirmation of the radial-velocity planet $\hat{\iota}^2$ Pictoris c. <i>Astronomy and Astrophysics</i> , 2020, 642, L2.	5.1	61
34	Retrieving scattering clouds and disequilibrium chemistry in the atmosphere of HR 8799e. <i>Astronomy and Astrophysics</i> , 2020, 640, A131.	5.1	107
35	(Sub)stellar companions shape the winds of evolved stars. <i>Science</i> , 2020, 369, 1497-1500.	12.6	57
36	Modeling the orbital motion of Sgr A*'s near-infrared flares. <i>Astronomy and Astrophysics</i> , 2020, 635, A143.	5.1	51

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37	X-Ray Observations of the Peculiar Cepheid V473 Lyr Identify A Low-mass Companion [*] . Astronomical Journal, 2020, 159, 121.	4.7	4
38	A realistic two-dimensional model of Altair. Astronomy and Astrophysics, 2020, 633, A78.	5.1	25
39	A thin shell of ionized gas as the explanation for infrared excess among classical Cepheids. Astronomy and Astrophysics, 2020, 633, A47.	5.1	17
40	Detection of the Schwarzschild precession in the orbit of the star S2 near the Galactic centre massive black hole. Astronomy and Astrophysics, 2020, 636, L5.	5.1	340
41	Inner dusty envelope of the AGB stars W Hydrae, SW Virginis, and R Crateris using SPHERE/ZIMPOL. Astronomy and Astrophysics, 2020, 635, A200.	5.1	15
42	Peering into the formation history of ρ Pictoris b with VLT/GRAVITY long-baseline interferometry. Astronomy and Astrophysics, 2020, 633, A110.	5.1	78
43	Orbital inclination and mass of the exoplanet candidate Proxima c. Astronomy and Astrophysics, 2020, 635, L14.	5.1	34
44	Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT. Astronomy and Astrophysics, 2020, 638, A120.	5.1	11
45	The flux distribution of Sgr A*. Astronomy and Astrophysics, 2020, 638, A2.	5.1	34
46	Pulsating chromosphere of classical Cepheids. Astronomy and Astrophysics, 2020, 641, A74.	5.1	12
47	Dynamically important magnetic fields near the event horizon of Sgr A*. Astronomy and Astrophysics, 2020, 643, A56.	5.1	29
48	The Milky Way Cepheid Leavitt law based on <i>Gaia</i> DR2 parallaxes of companion stars and host open cluster populations. Astronomy and Astrophysics, 2020, 643, A115.	5.1	48
49	Low-cost precursor of an interstellar mission. Astronomy and Astrophysics, 2020, 641, A45.	5.1	10
50	ATOMIUM: A high-resolution view on the highly asymmetric wind of the AGB star ϵ Gruis. Astronomy and Astrophysics, 2020, 644, A61.	5.1	17
51	Hubble Space Telescope Snapshot Survey for Resolved Companions of Galactic Cepheids: Final Results* $\hat{\alpha}$. Astrophysical Journal, 2020, 905, 81.	4.5	8
52	Stellar Occultation by the Resonant Trans-Neptunian Object (523764) 2014 WC510 Reveals a Close Binary TNO. Planetary Science Journal, 2020, 1, 48.	3.6	7
53	Calibrating the surface brightness $\hat{\alpha}$ color relation for late-type red giants stars in the visible domain using VEGA/CHARA interferometric observations. Astronomy and Astrophysics, 2020, 639, A67.	5.1	2
54	Multiplicity of Galactic Cepheids and RR Lyrae stars from <i>Gaia</i> DR2. Astronomy and Astrophysics, 2019, 623, A116.	5.1	45

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55	Multiplicity of Galactic Cepheids and RR Lyrae stars from <i>Gaia</i> DR2. Astronomy and Astrophysics, 2019, 623, A117.	5.1	34
56	A geometric distance measurement to the Galactic center black hole with 0.3% uncertainty. Astronomy and Astrophysics, 2019, 625, L10.	5.1	477
57	Consistent radial velocities of classical Cepheids from the cross-correlation technique. Astronomy and Astrophysics, 2019, 631, A37.	5.1	10
58	Multiplicity of Galactic Cepheids from long-baseline interferometry. Astronomy and Astrophysics, 2019, 622, A164.	5.1	19
59	Stellar and substellar companions of nearby stars from <i>Gaia</i> DR2. Astronomy and Astrophysics, 2019, 623, A72.	5.1	260
60	Testing Systematics of Gaia DR2 Parallaxes with Empirical Surface Brightness: Color Relations Applied to Eclipsing Binaries. Astrophysical Journal, 2019, 872, 85.	4.5	42
61	First direct detection of an exoplanet by optical interferometry. Astronomy and Astrophysics, 2019, 623, L11.	5.1	95
62	A distance to the Large Magellanic Cloud that is precise to one per cent. Nature, 2019, 567, 200-203.	27.8	365
63	Prevalence of SED Turndown among Classical Be Stars: Are All Be Stars Close Binaries?. Astrophysical Journal, 2019, 885, 147.	4.5	52
64	The Araucaria project: High-precision orbital parallax and masses of eclipsing binaries from infrared interferometry. Astronomy and Astrophysics, 2019, 632, A31.	5.1	16
65	The inner dust shell of Betelgeuse detected by polarimetric aperture-masking interferometry. Astronomy and Astrophysics, 2019, 628, A101.	5.1	19
66	Physical, spectral, and dynamical properties of asteroid (107) Camilla and its satellites. Icarus, 2018, 309, 134-161.	2.5	20
67	Multiple star systems in the Orion nebula. Astronomy and Astrophysics, 2018, 620, A116.	5.1	23
68	Signs of rotating equatorial density enhancements around SRb pulsators. Proceedings of the International Astronomical Union, 2018, 14, 421-422.	0.0	0
69	The close circumstellar environment of Betelgeuse. Astronomy and Astrophysics, 2018, 609, A67.	5.1	54
70	A Geometrical 1% Distance to the Short-period Binary Cepheid V1334 Cygni. Astrophysical Journal, 2018, 867, 121.	4.5	20
71	Evolution of the magnetic field of Betelgeuse from 2009â€“2017. Astronomy and Astrophysics, 2018, 615, A116.	5.1	21
72	An unusual face-on spiral in the wind of the M-type AGB star EP Aquarii. Astronomy and Astrophysics, 2018, 616, A34.	5.1	29

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73	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
74	GRAVITY chromatic imaging of $\hat{\iota}$ Car $\hat{\epsilon}$'s core. <i>Astronomy and Astrophysics</i> , 2018, 618, A125.	5.1	6
75	Detection of orbital motions near the last stable circular orbit of the massive black hole SgrA*. <i>Astronomy and Astrophysics</i> , 2018, 618, L10.	5.1	261
76	CRIFES high-resolution infrared spectroscopy of the long-period Cepheid ι Carinae. <i>Astronomy and Astrophysics</i> , 2018, 616, A92.	5.1	3
77	Fundamental properties of red-clump stars from long-baseline $\langle i \rangle H \langle /i \rangle$ -band interferometry. <i>Astronomy and Astrophysics</i> , 2018, 616, A68.	5.1	21
78	Single-mode waveguides for GRAVITY. <i>Astronomy and Astrophysics</i> , 2018, 614, A70.	5.1	18
79	The Late-type Eclipsing Binaries in the Large Magellanic Cloud: Catalog of Fundamental Physical Parameters. <i>Astrophysical Journal</i> , 2018, 860, 1.	4.5	28
80	Detection of the gravitational redshift in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2018, 615, L15.	5.1	593
81	The gravitational mass of Proxima Centauri measured with SPHERE from a microlensing event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 236-244.	4.4	26
82	Physical parameters and $\hat{\Delta} \pm 0.2\%$ parallax of the detached eclipsing binary V923 Scorpii. <i>Astronomy and Astrophysics</i> , 2018, 616, A49.	5.1	5
83	The Araucaria Project: High-precision Cepheid Astrophysics from the Analysis of Variables in Double-lined Eclipsing Binaries*. <i>Astrophysical Journal</i> , 2018, 862, 43.	4.5	33
84	The Surface Brightness-color Relations Based on Eclipsing Binary Stars: Toward Precision Better than 1% in Angular Diameter Predictions. <i>Astrophysical Journal</i> , 2017, 837, 7.	4.5	19
85	Proxima $\hat{\epsilon}$'s orbit around $\langle i \rangle \hat{\iota} \langle /i \rangle \hat{\epsilon}$ Centauri. <i>Astronomy and Astrophysics</i> , 2017, 598, L7.	5.1	81
86	The radii and limb darkenings of $\langle i \rangle \hat{\iota} \langle /i \rangle$ Centauri A and B. <i>Astronomy and Astrophysics</i> , 2017, 597, A137.	5.1	57
87	ALMA observations of the nearby AGB star L ₂ Puppis. <i>Astronomy and Astrophysics</i> , 2017, 601, A5.	5.1	26
88	An Updated 2017 Astrometric Solution for Betelgeuse. <i>Astronomical Journal</i> , 2017, 154, 11.	4.7	42
89	Mass and p-factor of the Type II Cepheid OGLE-LMC-T2CEP-098 in a Binary System $\langle \sup \rangle \hat{\alpha} \langle \sup \rangle$. <i>Astrophysical Journal</i> , 2017, 842, 110.	4.5	34
90	Optimized Trajectories to the Nearest Stars Using Lightweight High-velocity Photon Sails. <i>Astronomical Journal</i> , 2017, 154, 115.	4.7	44

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91	The Structure of Chariklo's Rings from Stellar Occultations. <i>Astronomical Journal</i> , 2017, 154, 144.	4.7	52
92	Submilliarcsecond Optical Interferometry of the High-mass X-Ray Binary BP Cru with VLTI/GRAVITY. <i>Astrophysical Journal</i> , 2017, 844, 72.	4.5	18
93	HARPS-N high spectral resolution observations of Cepheids I. The Baade-Wesselink projection factor of κ Cep revisited. <i>Astronomy and Astrophysics</i> , 2017, 597, A73.	5.1	23
94	Size and Shape of Chariklo from Multi-epoch Stellar Occultations [*] . <i>Astronomical Journal</i> , 2017, 154, 159.	4.7	34
95	Four years's interferometric observations of Galactic binary Cepheids. <i>EPJ Web of Conferences</i> , 2017, 152, 03007.	0.3	1
96	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2017, 608, A18.	5.1	24
97	The atmosphere, the p-factor and the bright visible circumstellar environment of the prototype of classical Cepheids κ Cep. <i>EPJ Web of Conferences</i> , 2017, 152, 07003.	0.3	0
98	The inhomogeneous submillimeter atmosphere of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2017, 602, L10.	5.1	30
99	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2017, 600, A127.	5.1	25
100	Optical interferometry and Gaia parallaxes for a robust calibration of the Cepheid distance scale. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 305-308.	0.0	0
101	Accretion-ejection morphology of the microquasar SS 433 resolved at sub-au scale. <i>Astronomy and Astrophysics</i> , 2017, 602, L11.	5.1	10
102	Spectro-Photo-Interferometry of Stellar Pulsation (SPIPS). <i>EPJ Web of Conferences</i> , 2017, 152, 03008.	0.3	0
103	Obtaining accurate radial velocities for Cepheid companions using the STIS echelles. <i>EPJ Web of Conferences</i> , 2017, 152, 04003.	0.3	2
104	The convective surface of the red supergiant Antares. <i>Astronomy and Astrophysics</i> , 2017, 605, A108.	5.1	6
105	Toward a renewed Galactic Cepheid distance scale from Gaia and optical interferometry. <i>EPJ Web of Conferences</i> , 2017, 152, 07002.	0.3	1
106	VLTI/PIONIER images the Achernar disk swell. <i>Astronomy and Astrophysics</i> , 2017, 601, A118.	5.1	6
107	Resolved astrometric orbits of ten O-type binaries. <i>Astronomy and Astrophysics</i> , 2017, 601, A34.	5.1	32
108	Asymmetries on red giant branch surfaces from CHARA/MIRC optical interferometry. <i>Astronomy and Astrophysics</i> , 2017, 600, L2.	5.1	5

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109	First light for GRAVITY: Phase referencing optical interferometry for the Very Large Telescope Interferometer. <i>Astronomy and Astrophysics</i> , 2017, 602, A94.	5.1	333
110	The wind and the magnetospheric accretion onto the T Tauri star S Coronae Australis at sub-au resolution. <i>Astronomy and Astrophysics</i> , 2017, 608, A78.	5.1	2
111	The Araucaria Project: High-precision orbital parallax and masses of the eclipsing binary TZ Fornacis. <i>Astronomy and Astrophysics</i> , 2016, 586, A35.	5.1	27
112	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2016, 587, A117.	5.1	35
113	The red dwarf pair GJ65AB: inflated, spinning twins of Proxima. <i>Astronomy and Astrophysics</i> , 2016, 593, A127.	5.1	28
114	The close circumstellar environment of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2016, 585, A28.	5.1	39
115	Study of the inner dust envelope and stellar photosphere of the AGB star R Doradus using SPHERE/ZIMPOL. <i>Astronomy and Astrophysics</i> , 2016, 591, A70.	5.1	55
116	Luminous blue variables: An imaging perspective on their binarity and near environment. <i>Astronomy and Astrophysics</i> , 2016, 587, A115.	5.1	11
117	Multiplicity of Galactic Cepheids from long-baseline interferometry – III. Sub-percent limits on the relative brightness of a close companion of β Cephei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1451-1456.	4.4	7
118	ALMA observations of the nearby AGB star L ₂ Puppis. <i>Astronomy and Astrophysics</i> , 2016, 596, A92.	5.1	54
119	VEGA/CHARA interferometric observations of Cepheids. <i>Astronomy and Astrophysics</i> , 2016, 593, A45.	5.1	17
120	Discovery of a complex linearly polarized spectrum of Betelgeuse dominated by depolarization of the continuum. <i>Astronomy and Astrophysics</i> , 2016, 591, A119.	5.1	18
121	Close stellar conjunctions of α Centauri A and B until 2050. <i>Astronomy and Astrophysics</i> , 2016, 594, A107.	5.1	42
122	PLUTO'S ATMOSPHERE FROM THE 2015 JUNE 29 GROUND-BASED STELLAR OCCULTATION AT THE TIME OF THE NEW HORIZONS FLYBY*. <i>Astrophysical Journal Letters</i> , 2016, 819, L38.	8.3	82
123	Investigating Cepheid α Carinae's cycle-to-cycle variations via contemporaneous velocimetry and interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4231-4248.	4.4	25
124	The close circumstellar environment of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2016, 588, A130.	5.1	30
125	Interferometry to Determine Stellar Shapes: Application to Achernar. <i>Lecture Notes in Physics</i> , 2016, , 127-135.	0.7	0
126	VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno. <i>Astronomy and Astrophysics</i> , 2015, 581, L3.	5.1	24

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127	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
128	The Convection of Close Red Supergiant Stars Observed With Near-Infrared Interferometry. <i>EAS Publications Series</i> , 2015, 71-72, 243-247.	0.3	1
129	Cepheid distances from the SpectroPhoto-Interferometry of Pulsating Stars (SPIPS). <i>Astronomy and Astrophysics</i> , 2015, 584, A80.	5.1	44
130	A spectro-interferometric view of α Carinae's modulated pulsations. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 501-504.	0.0	0
131	VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno (Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 582, C1.	5.1	0
132	ALMA observations of anisotropic dust mass loss in the inner circumstellar environment of the red supergiant VY Canis Majoris. <i>Astronomy and Astrophysics</i> , 2015, 573, L1.	5.1	31
133	The dust disk and companion of the nearby AGB star L_2 Puppis. <i>Astronomy and Astrophysics</i> , 2015, 578, A77.	5.1	46
134	Benchmark stars for <i>Gaia</i> Fundamental properties of the Population II star HD 140283 from interferometric, spectroscopic, and photometric data. <i>Astronomy and Astrophysics</i> , 2015, 575, A26.	5.1	47
135	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2015, 576, A64.	5.1	16
136	Robust high-contrast companion detection from interferometric observations. <i>Astronomy and Astrophysics</i> , 2015, 579, A68.	5.1	71
137	Resolving asymmetries along the pulsation cycle of the Mira star X Hydrae. <i>Astronomy and Astrophysics</i> , 2015, 582, A71.	5.1	7
138	The Nearby AGB Star L_2 Puppis: The Birth Of a Planetary Nebula?. <i>EAS Publications Series</i> , 2015, 71-72, 211-216.	0.3	2
139	Binary Cepheids From High-Angular Resolution. <i>EAS Publications Series</i> , 2015, 71-72, 187-188.	0.3	0
140	Cepheid pulsations resolved by interferometry. <i>EAS Publications Series</i> , 2014, 69-70, 249-256.	0.3	0
141	GCIRS 7, a pulsating M1 supergiant at the Galactic centre. <i>Astronomy and Astrophysics</i> , 2014, 568, A85.	5.1	7
142	The environment of the fast rotating star Achernar. <i>Astronomy and Astrophysics</i> , 2014, 569, A10.	5.1	43
143	The close environment of high-mass X-ray binaries at high angular resolution. <i>Astronomy and Astrophysics</i> , 2014, 561, A46.	5.1	2
144	An edge-on translucent dust disk around the nearest AGB star, L_2 Puppis. <i>Astronomy and Astrophysics</i> , 2014, 564, A88.	5.1	34

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145	ALMA sub-mm maser and dust distribution of VY Canis Majoris. <i>Astronomy and Astrophysics</i> , 2014, 572, L9.	5.1	35
146	Reaching micro-arcsecond astrometry with long baseline optical interferometry. <i>Astronomy and Astrophysics</i> , 2014, 567, A75.	5.1	21
147	Properties of the CO and H ₂ O MOLsphere of the red supergiant Betelgeuse from VLT/AMBER observations. <i>Astronomy and Astrophysics</i> , 2014, 572, A17.	5.1	33
148	Multiplicity of Galactic Cepheids from long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2014, 561, L3.	5.1	23
149	The long-period Galactic Cepheid RS Puppis. <i>Astronomy and Astrophysics</i> , 2014, 572, A7.	5.1	16
150	The GRAVITY instrument software/high-level software. , 2014, , .		0
151	GRAVITY data reduction software. <i>Proceedings of SPIE</i> , 2014, , .	0.8	26
152	A ring system detected around the Centaur (10199) Chariklo. <i>Nature</i> , 2014, 508, 72-75.	27.8	230
153	Evidences for a large hot spot on the disk of Betelgeuse ($\hat{\pm}$ Ori). <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 273-279.	0.0	0
154	Searching for visual companions of close Cepheids. <i>Astronomy and Astrophysics</i> , 2014, 567, A60.	5.1	12
155	Towards a coherent view at infrared wavelengths of mass loss in Betelgeuse. <i>EAS Publications Series</i> , 2013, 60, 199-205.	0.3	0
156	Interferometry, spectroscopy and high precision astrometry of $\hat{\Gamma}$ Velorum. <i>EAS Publications Series</i> , 2013, 64, 189-196.	0.3	0
157	Binary Cepheids from optical interferometry. <i>EAS Publications Series</i> , 2013, 64, 197-204.	0.3	4
158	Multiplicity of Galactic Cepheids from long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2013, 552, A21.	5.1	33
159	The IPoP method to measure Cepheid distances. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 389-390.	0.0	1
160	An interferometric view on binarity and circumstellar envelopes of Cepheids. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 411-412.	0.0	0
161	A near-infrared interferometric survey of debris-disc stars. <i>Astronomy and Astrophysics</i> , 2013, 555, A104.	5.1	94
162	Extended envelopes around Galactic Cepheids. <i>Astronomy and Astrophysics</i> , 2013, 558, A140.	5.1	23

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163	The nearby eclipsing stellar system γ Velorum. <i>Astronomy and Astrophysics</i> , 2013, 552, A18.	5.1	6
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