

Pierre Kervella

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

292
papers

8,796
citations

49
h-index

82
g-index

315
ext. papers

10,587
ext. citations

5.1
avg, IF

5.72
L-index

#	Paper	IF	Citations
292	Mass distribution in the Galactic Center based on interferometric astrometry of multiple stellar orbits. <i>Astronomy and Astrophysics</i> , 2022 , 657, L12	5.1	10
291	Deep images of the Galactic center with GRAVITY. <i>Astronomy and Astrophysics</i> , 2022 , 657, A82	5.1	0
290	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	4.7	0
289	Precision Millimeter Astrometry of the θ Centauri AB System. <i>Astronomical Journal</i> , 2021 , 162, 14	4.9	3
288	Improved GRAVITY astrometric accuracy from modeling optical aberrations. <i>Astronomy and Astrophysics</i> , 2021 , 647, A59	5.1	20
287	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	4.7	10
286	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A5	5.1	90
285	The surface brightness-colour relations based on eclipsing binary stars and calibrated with Gaia EDR3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A109	5.1	3
284	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	4.7	17
283	A dusty veil shading Betelgeuse during its Great Dimming. <i>Nature</i> , 2021 , 594, 365-368	50.4	16
282	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	1
281	Interstellar Now! Missions to Explore Nearby Interstellar Objects. <i>Advances in Space Research</i> , 2021 , 69, 402-402	2.4	3
280	Extended envelopes around Galactic Cepheids. <i>Astronomy and Astrophysics</i> , 2021 , 651, A113	5.1	1
279	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	2
278	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	4.7	2
277	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	4.3	4
276	Detection of faint stars near Sagittarius A* with GRAVITY. <i>Astronomy and Astrophysics</i> , 2021 , 645, A127	5.1	11

275	Constraining the Nature of the PDS 70 Protoplanets with VLTI/GRAVITY *. <i>Astronomical Journal</i> , 2021 , 161, 148	4.9	22
274	TESS Observations of Cepheid Stars: First Light Results. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 11	8	9
273	Imaging low-mass planets within the habitable zone of β Centauri. <i>Nature Communications</i> , 2021 , 12, 922	17.4	7
272	X-Rays in Cepheids: XMM-Newton Observations of τ Aql*. <i>Astronomical Journal</i> , 2021 , 162, 92	4.9	1
271	GRAVITY K-band spectroscopy of HD 206893 B. <i>Astronomy and Astrophysics</i> , 2021 , 652, A57	5.1	2
270	Modeling the orbital motion of Sgr A* β near-infrared flares. <i>Astronomy and Astrophysics</i> , 2020 , 635, A143	5.1	26
269	X-Ray Observations of the Peculiar Cepheid V473 Lyr Identify A Low-mass Companion. <i>Astronomical Journal</i> , 2020 , 159, 121	4.9	2
268	A realistic two-dimensional model of Altair. <i>Astronomy and Astrophysics</i> , 2020 , 633, A78	5.1	12
267	A thin shell of ionized gas as the explanation for infrared excess among classical Cepheids. <i>Astronomy and Astrophysics</i> , 2020 , 633, A47	5.1	9
266	Calibrating the surface brightness β color relation for late-type red giants stars in the visible domain using VEGA/CHARA interferometric observations. <i>Astronomy and Astrophysics</i> , 2020 , 639, A67	5.1	2
265	Hubble Space Telescope Snapshot Survey for Resolved Companions of Galactic Cepheids: Final Results Based on observations with the NASA/ESA Hubble Space Telescope, obtained at the Space Telescope Science Institute, which is operated by the Association of Universities for Research in Astronomy, Inc., under NASA contract NASA5-26555. Based on observations made with the	4.7	4
264	Stellar Occultation by the Resonant Trans-Neptunian Object (523764) 2014 WC510 Reveals a Close Binary TNO. <i>Planetary Science Journal</i> , 2020 , 1, 48	2.9	4
263	Inner dusty envelope of the AGB stars W Hydrae, SW Virginis, and R Crateris using SPHERE/ZIMPOL. <i>Astronomy and Astrophysics</i> , 2020 , 635, A200	5.1	8
262	Peering into the formation history of ρ Pictoris b with VLTI/GRAVITY long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2020 , 633, A110	5.1	38
261	Orbital inclination and mass of the exoplanet candidate Proxima c. <i>Astronomy and Astrophysics</i> , 2020 , 635, L14	5.1	22
260	Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT. <i>Astronomy and Astrophysics</i> , 2020 , 638, A120	5.1	7
259	The flux distribution of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020 , 638, A2	5.1	18
258	Pulsating chromosphere of classical Cepheids. <i>Astronomy and Astrophysics</i> , 2020 , 641, A74	5.1	6

257	Dynamically important magnetic fields near the event horizon of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020 , 643, A56	5.1	14
256	The Milky Way Cepheid Leavitt law based on Gaia DR2 parallaxes of companion stars and host open cluster populations. <i>Astronomy and Astrophysics</i> , 2020 , 643, A115	5.1	24
255	Low-cost precursor of an interstellar mission. <i>Astronomy and Astrophysics</i> , 2020 , 641, A45	5.1	2
254	ATOMIUM: A high-resolution view on the highly asymmetric wind of the AGB star η Gruis. <i>Astronomy and Astrophysics</i> , 2020 , 644, A61	5.1	8
253	Searching for Planets Orbiting β Cen A with the James Webb Space Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2020 , 132, 015002	5	10
252	Unveiling the ρ Pictoris system, coupling high contrast imaging, interferometric, and radial velocity data. <i>Astronomy and Astrophysics</i> , 2020 , 642, A18	5.1	17
251	Direct confirmation of the radial-velocity planet ρ Pictoris c. <i>Astronomy and Astrophysics</i> , 2020 , 642, L2	5.1	22
250	Retrieving scattering clouds and disequilibrium chemistry in the atmosphere of HR 8799e. <i>Astronomy and Astrophysics</i> , 2020 , 640, A131	5.1	33
249	(Sub)stellar companions shape the winds of evolved stars. <i>Science</i> , 2020 , 369, 1497-1500	33.3	31
248	Detection of the Schwarzschild precession in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2020 , 636, L5	5.1	141
247	Stellar and substellar companions of nearby stars from Gaia DR2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A72	5.1	138
246	Testing Systematics of Gaia DR2 Parallaxes with Empirical Surface Brightness: Color Relations Applied to Eclipsing Binaries. <i>Astrophysical Journal</i> , 2019 , 872, 85	4.7	38
245	First direct detection of an exoplanet by optical interferometry. <i>Astronomy and Astrophysics</i> , 2019 , 623, L11	5.1	60
244	A distance to the Large Magellanic Cloud that is precise to one per cent. <i>Nature</i> , 2019 , 567, 200-203	50.4	187
243	Multiplicity of Galactic Cepheids and RR Lyrae stars from Gaia DR2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A116	5.1	30
242	Multiplicity of Galactic Cepheids and RR Lyrae stars from Gaia DR2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A117	5.1	22
241	A geometric distance measurement to the Galactic center black hole with 0.3% uncertainty. <i>Astronomy and Astrophysics</i> , 2019 , 625, L10	5.1	280
240	Consistent radial velocities of classical Cepheids from the cross-correlation technique. <i>Astronomy and Astrophysics</i> , 2019 , 631, A37	5.1	6

239	Multiplicity of Galactic Cepheids from long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2019 , 622, A164	5.1	14
238	Prevalence of SED Turndown among Classical Be Stars: Are All Be Stars Close Binaries?. <i>Astrophysical Journal</i> , 2019 , 885, 147	4.7	23
237	The Araucaria project: High-precision orbital parallax and masses of eclipsing binaries from infrared interferometry. <i>Astronomy and Astrophysics</i> , 2019 , 632, A31	5.1	8
236	The inner dust shell of Betelgeuse detected by polarimetric aperture-masking interferometry. <i>Astronomy and Astrophysics</i> , 2019 , 628, A101	5.1	14
235	Physical, spectral, and dynamical properties of asteroid (107) Camilla and its satellites. <i>Icarus</i> , 2018 , 309, 134-161	3.8	17
234	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	386
233	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	4.3	14
232	Physical parameters and $\pm 0.2\%$ parallax of the detached eclipsing binary V923 Scorpii. <i>Astronomy and Astrophysics</i> , 2018 , 616, A49	5.1	2
231	The Araucaria Project: High-precision Cepheid Astrophysics from the Analysis of Variables in Double-lined Eclipsing Binaries. <i>Astrophysical Journal</i> , 2018 , 862, 43	4.7	22
230	Multiple star systems in the Orion nebula. <i>Astronomy and Astrophysics</i> , 2018 , 620, A116	5.1	10
229	Signs of rotating equatorial density enhancements around SRb pulsators. <i>Proceedings of the International Astronomical Union</i> , 2018 , 14, 421-422	0.1	
228	The close circumstellar environment of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2018 , 609, A67	5.1	35
227	A Geometrical 1% Distance to the Short-period Binary Cepheid V1334 Cygni. <i>Astrophysical Journal</i> , 2018 , 867, 121	4.7	16
226	Evolution of the magnetic field of Betelgeuse from 2009–2017. <i>Astronomy and Astrophysics</i> , 2018 , 615, A116	5.1	11
225	An unusual face-on spiral in the wind of the M-type AGB star EP Aquarii. <i>Astronomy and Astrophysics</i> , 2018 , 616, A34	5.1	25
224	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018 , 46, 135-209	1.3	148
223	GRAVITY chromatic imaging of ζ Car core. <i>Astronomy and Astrophysics</i> , 2018 , 618, A125	5.1	3
222	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	177

221	CRIRES high-resolution infrared spectroscopy of the long-period Cepheid ι Carinae. <i>Astronomy and Astrophysics</i> , 2018 , 616, A92	5.1	1
220	Fundamental properties of red-clump stars from long-baseline H-band interferometry. <i>Astronomy and Astrophysics</i> , 2018 , 616, A68	5.1	14
219	Single-mode waveguides for GRAVITY. <i>Astronomy and Astrophysics</i> , 2018 , 614, A70	5.1	7
218	The Late-type Eclipsing Binaries in the Large Magellanic Cloud: Catalog of Fundamental Physical Parameters. <i>Astrophysical Journal</i> , 2018 , 860, 1	4.7	19
217	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	4.7	17
216	Proxima's orbit around β Centauri. <i>Astronomy and Astrophysics</i> , 2017 , 598, L7	5.1	65
215	The radii and limb darkenings of β Centauri A and B. <i>Astronomy and Astrophysics</i> , 2017 , 597, A137	5.1	40
214	ALMA observations of the nearby AGB star L2Puppis. <i>Astronomy and Astrophysics</i> , 2017 , 601, A5	5.1	24
213	An Updated 2017 Astrometric Solution for Betelgeuse. <i>Astronomical Journal</i> , 2017 , 154, 11	4.9	29
212	Mass and p-factor of the Type II Cepheid OGLE-LMC-T2CEP-098 in a Binary System. <i>Astrophysical Journal</i> , 2017 , 842, 110	4.7	25
211	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2017 , 608, A18	5.1	21
210	The atmosphere, the p-factor and the bright visible circumstellar environment of the prototype of classical Cepheids η Cep. <i>EPJ Web of Conferences</i> , 2017 , 152, 07003	0.3	
209	The inhomogeneous submillimeter atmosphere of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2017 , 602, L10	5.1	22
208	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2017 , 600, A127	5.1	24
207	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	0.1	
206	Accretion-ejection morphology of the microquasar SS 433 resolved at sub-au scale. <i>Astronomy and Astrophysics</i> , 2017 , 602, L11	5.1	8
205	Spectro-Photo-Interferometry of Stellar Pulsation (SPIPS). <i>EPJ Web of Conferences</i> , 2017 , 152, 03008	0.3	
204	Obtaining accurate radial velocities for Cepheid companions using the STIS echelles. <i>EPJ Web of Conferences</i> , 2017 , 152, 04003	0.3	2

203	The convective surface of the red supergiant Antares. <i>Astronomy and Astrophysics</i> , 2017 , 605, A108	5.1	5
202	Toward a renewed Galactic Cepheid distance scale from Gaia and optical interferometry. <i>EPJ Web of Conferences</i> , 2017 , 152, 07002	0.3	0
201	Optimized Trajectories to the Nearest Stars Using Lightweight High-velocity Photon Sails. <i>Astronomical Journal</i> , 2017 , 154, 115	4.9	35
200	The Structure of Chariklo's Rings from Stellar Occultations. <i>Astronomical Journal</i> , 2017 , 154, 144	4.9	35
199	Submilliarcsecond Optical Interferometry of the High-mass X-Ray Binary BP Cru with VLT/GRAVITY. <i>Astrophysical Journal</i> , 2017 , 844, 72	4.7	14
198	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	20
197	Size and Shape of Chariklo from Multi-epoch Stellar Occultations. <i>Astronomical Journal</i> , 2017 , 154, 159	4.9	23
196	Four years of Interferometric observations of Galactic binary Cepheids. <i>EPJ Web of Conferences</i> , 2017 , 152, 03007	0.3	1
195	VLT/PIONIER images the Achernar disk swell. <i>Astronomy and Astrophysics</i> , 2017 , 601, A118	5.1	4
194	Resolved astrometric orbits of ten O-type binaries. <i>Astronomy and Astrophysics</i> , 2017 , 601, A34	5.1	24
193	Asymmetries on red giant branch surfaces from CHARA/MIRC optical interferometry. <i>Astronomy and Astrophysics</i> , 2017 , 600, L2	5.1	5
192	First light for GRAVITY: Phase referencing optical interferometry for the Very Large Telescope Interferometer. <i>Astronomy and Astrophysics</i> , 2017 , 602, A94	5.1	202
191	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
190	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	7.9	67
189	Investigating Cepheid κ Carinae's cycle-to-cycle variations via contemporaneous velocimetry and interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 4231-4248	4.3	21
188	The close circumstellar environment of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2016 , 588, A130	5.1	24
187	Interferometry to Determine Stellar Shapes: Application to Achernar. <i>Lecture Notes in Physics</i> , 2016 , 1276-185		
186	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	22

185	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2016 , 587, A117	5.1	33
184	The red dwarf pair GJ65 AB: inflated, spinning twins of Proxima. <i>Astronomy and Astrophysics</i> , 2016 , 593, A127	5.1	21
183	The close circumstellar environment of Betelgeuse. <i>Astronomy and Astrophysics</i> , 2016 , 585, A28	5.1	32
182	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	46
181	Luminous blue variables: An imaging perspective on their binarity and near environment. <i>Astronomy and Astrophysics</i> , 2016 , 587, A115	5.1	10
180	Multiplicity of Galactic Cepheids from long-baseline interferometry III. Sub-percent limits on the relative brightness of a close companion of ϵ Cephei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 1451-1456	4.3	5
179	ALMA observations of the nearby AGB star L2 Puppis. <i>Astronomy and Astrophysics</i> , 2016 , 596, A92	5.1	45
178	VEGA/CHARA interferometric observations of Cepheids. <i>Astronomy and Astrophysics</i> , 2016 , 593, A45	5.1	11
177	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	14
176	Close stellar conjunctions of θ Centauri A and B until 2050. <i>Astronomy and Astrophysics</i> , 2016 , 594, A107	5.1	34
175	VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno. <i>Astronomy and Astrophysics</i> , 2015 , 581, L3	5.1	22
174	The EChO science case. <i>Experimental Astronomy</i> , 2015 , 40, 329-391	1.3	26
173	The Convection of Close Red Supergiant Stars Observed With Near-Infrared Interferometry. <i>EAS Publications Series</i> , 2015 , 71-72, 243-247	0.2	1
172	Cepheid distances from the SpectroPhoto-Interferometry of Pulsating Stars (SPIPS). <i>Astronomy and Astrophysics</i> , 2015 , 584, A80	5.1	36
171	A spectro-interferometric view of ϵ Carinae's modulated pulsations. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 501-504	0.1	
170	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	25
169	The dust disk and companion of the nearby AGB star L2 Puppis. <i>Astronomy and Astrophysics</i> , 2015 , 578, A77	5.1	44
168	Benchmark stars for Gaia 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	39

167	Observational calibration of the projection factor of Cepheids. <i>Astronomy and Astrophysics</i> , 2015 , 576, A64	5.1	16
166	Robust high-contrast companion detection from interferometric observations. <i>Astronomy and Astrophysics</i> , 2015 , 579, A68	5.1	50
165	Resolving asymmetries along the pulsation cycle of the Mira star X Hydrae. <i>Astronomy and Astrophysics</i> , 2015 , 582, A71	5.1	6
164	The Nearby AGB Star L2Puppis: The Birth Of a Planetary Nebula?. <i>EAS Publications Series</i> , 2015 , 71-72, 211-216	0.2	2
163	Binary Cepheids From High-Angular Resolution. <i>EAS Publications Series</i> , 2015 , 71-72, 187-188	0.2	
162	Evidences for a large hot spot on the disk of Betelgeuse (♁ Ori). <i>Proceedings of the International Astronomical Union</i> , 2014 , 9, 273-279	0.1	
161	Cepheid pulsations resolved by interferometry. <i>EAS Publications Series</i> , 2014 , 69-70, 249-256	0.2	
160	GCIRS 7, a pulsating M1 supergiant at the Galactic centre. <i>Astronomy and Astrophysics</i> , 2014 , 568, A85	5.1	7
159	The environment of the fast rotating star Achernar. <i>Astronomy and Astrophysics</i> , 2014 , 569, A10	5.1	36
158	The close environment of high-mass X-ray binaries at high angular resolution. <i>Astronomy and Astrophysics</i> , 2014 , 561, A46	5.1	2
157	An edge-on translucent dust disk around the nearest AGB star, L2Puppis. <i>Astronomy and Astrophysics</i> , 2014 , 564, A88	5.1	31
156	ALMA sub-mm maser and dust distribution of VY Canis Majoris. <i>Astronomy and Astrophysics</i> , 2014 , 572, L9	5.1	30
155	Reaching micro-arcsecond astrometry with long baseline optical interferometry. <i>Astronomy and Astrophysics</i> , 2014 , 567, A75	5.1	15
154	Properties of the CO and H ₂ O MOLsphere of the red supergiant Betelgeuse from VLTI/AMBER observations. <i>Astronomy and Astrophysics</i> , 2014 , 572, A17	5.1	25
153	Multiplicity of Galactic Cepheids from long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2014 , 561, L3	5.1	19
152	The long-period Galactic Cepheid RS Puppis. <i>Astronomy and Astrophysics</i> , 2014 , 572, A7	5.1	15
151	GRAVITY data reduction software 2014 ,		9
150	A ring system detected around the Centaur (10199) Chariklo. <i>Nature</i> , 2014 , 508, 72-5	50.4	185

149	Searching for visual companions of close Cepheids. <i>Astronomy and Astrophysics</i> , 2014 , 567, A60	5.1	11
148	Towards a coherent view at infrared wavelengths of mass loss in Betelgeuse. <i>EAS Publications Series</i> , 2013 , 60, 199-205	0.2	
147	Interferometry, spectroscopy and high precision astrometry of η Velorum. <i>EAS Publications Series</i> , 2013 , 64, 189-196	0.2	
146	Binary Cepheids from optical interferometry. <i>EAS Publications Series</i> , 2013 , 64, 197-204	0.2	4
145	Multiplicity of Galactic Cepheids from long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2013 , 552, A21	5.1	30
144	The IPoP method to measure Cepheid distances. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 389-390	0.1	1
143	An interferometric view on binarity and circumstellar envelopes of Cepheids. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 411-412	0.1	
142	A near-infrared interferometric survey of debris-disc stars. <i>Astronomy and Astrophysics</i> , 2013 , 555, A104	5.1	81
141	Extended envelopes around Galactic Cepheids. <i>Astronomy and Astrophysics</i> , 2013 , 558, A140	5.1	16
140	The nearby eclipsing stellar system η Velorum. <i>Astronomy and Astrophysics</i> , 2013 , 552, A18	5.1	5
139	Exploring the water and carbon monoxide shell around Betelgeuse with VLTI/AMBER. <i>EAS Publications Series</i> , 2013 , 60, 167-172	0.2	2
138	Long-Baseline Interferometric Observations of Cepheids. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2013 , 151-154	0.3	
137	EChO. <i>Experimental Astronomy</i> , 2012 , 34, 311-353	1.3	82
136	Probing the stellar wind geometry in Vela X-1 with infrared interferometry. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 197-198	0.1	
135	Thermal infrared properties of classical and type II Cepheids. <i>Astronomy and Astrophysics</i> , 2012 , 538, A24	5.1	18
134	The long-period Galactic Cepheid RS Puppis. <i>Astronomy and Astrophysics</i> , 2012 , 541, A18	5.1	7
133	Mean angular diameters, distances, and pulsation modes of the classical Cepheids ϵ Aquilae and τ Vulpeculae. <i>Astronomy and Astrophysics</i> , 2012 , 541, A87	5.1	15
132	Three-dimensional interferometric, spectrometric, and planetary views of Procyon. <i>Astronomy and Astrophysics</i> , 2012 , 540, A5	5.1	34

131	Flares and variability from Sagittarius A*: five nights of simultaneous multi-wavelength observations. <i>Astronomy and Astrophysics</i> , 2012 , 540, A41	5.1	18
130	Fundamental properties of the Population II fiducial stars HD 122563 and Gmb 1830 from CHARA interferometric observations. <i>Astronomy and Astrophysics</i> , 2012 , 545, A17	5.1	50
129	Circumstellar envelopes of Cepheids: a possible bias affecting the distance scale?. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 157-160	0.1	2
128	Toward improving the accuracy of Cepheid distances through parallax of pulsation. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 183-186	0.1	1
127	SpS5 - III. Matter ejection and feedback. <i>Proceedings of the International Astronomical Union</i> , 2012 , 10, 429-438	0.1	
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