

# H Van Winckel

## List of Publications by Year in descending order

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276  
papers

7,411  
citations

50276

46  
h-index

82547

72  
g-index

279  
all docs

279  
docs citations

279  
times ranked

3769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-AGB Stars. Annual Review of Astronomy and Astrophysics, 2003, 41, 391-427.	24.3	362
2	HERMES: a high-resolution fibre-fed spectrograph for the Mercator telescope. Astronomy and Astrophysics, 2011, 526, A69.	5.1	358
3	An oxygen-rich dust disk surrounding an evolved star in the Red Rectangle. Nature, 1998, 391, 868-871.	27.8	174
4	Keplerian discs around post-AGB stars: a common phenomenon?. Astronomy and Astrophysics, 2006, 448, 641-653.	5.1	156
5	Low-temperature crystallization of silicate dust in circumstellar disks. Nature, 1999, 401, 563-565.	27.8	147
6	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2013, 556, A22.	5.1	123
7	GRAVITY-MODE PERIOD SPACINGS AS A SEISMIC DIAGNOSTIC FOR A SAMPLE OF $\gamma$ -DORADUS STARS FROM KEPLER SPACE PHOTOMETRY AND HIGH-RESOLUTION GROUND-BASED SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2015, 218, 27.	7.7	115
8	Pulsating red giant stars in eccentric binary systems discovered from Kepler space-based photometry. Astronomy and Astrophysics, 2014, 564, A36.	5.1	108
9	Post-AGB stars with hot circumstellar dust: binarity of the low-amplitude pulsators. Astronomy and Astrophysics, 2009, 505, 1221-1232.	5.1	105
10	Spectroscopic survey of Kepler stars. I. HERMES/Mercator observations of A- and F-type stars. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2764-2783.	4.4	100
11	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2011, 536, A53.	5.1	97
12	Hubble Space Telescope imaging of HD 44179, The Red Rectangle. Astronomical Journal, 2004, 127, 2362-2377.	4.7	93
13	The SAGE-Spec Spitzer Legacy programme: the life-cycle of dust and gas in the Large Magellanic Cloud - Point source classification I. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1597-1627.	4.4	93
14	MESS (Mass-loss of Evolved StarS), a Herschel key program. Astronomy and Astrophysics, 2011, 526, A162.	5.1	93
15	A mid-infrared imaging catalogue of post-asymptotic giant branch stars.... Monthly Notices of the Royal Astronomical Society, 2011, 417, 32-92.	4.4	93
16	Atmospheric parameters of 169 F-, G-, K- and M-type stars in the Kepler field.... Monthly Notices of the Royal Astronomical Society, 2013, 434, 1422-1434.	4.4	85
17	Optically visible post-AGB/RGB stars and young stellar objects in the Small Magellanic Cloud: candidate selection, spectral energy distributions and spectroscopic examination. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2211-2270.	4.4	79
18	The SAGE-Spec Spitzer Legacy Program: The Life Cycle of Dust and Gas in the Large Magellanic Cloud. Publications of the Astronomical Society of the Pacific, 2010, 122, 683-700.	3.1	78

#	ARTICLE	IF	CITATIONS
19	Extended rotating disks around post-AGB stars. <i>Astronomy and Astrophysics</i> , 2013, 557, A104.	5.1	77
20	Steps toward determination of the size and structure of the broad-line region in active galactic nuclei. 6: Variability of NGC 3783 from ground-based data. <i>Astrophysical Journal</i> , 1994, 425, 609.	4.5	74
21	Optically visible post-AGB stars, post-RGB stars and young stellar objects in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1468-1502.	4.4	70
22	Silicate features in Galactic and extragalactic post-AGB discs. <i>Astronomy and Astrophysics</i> , 2011, 533, A99.	5.1	68
23	Mass ratio from Doppler beaming and RÅmer delay versus ellipsoidal modulation in the Kepler data of KOI-74âˆ™.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2600-2608.	4.4	67
24	Detecting non-uniform period spacings in the Kepler photometry of $\gamma$ Doradus stars: methodology and case studies. <i>Astronomy and Astrophysics</i> , 2015, 574, A17.	5.1	66
25	DISCOVERY OF A RED GIANT WITH SOLAR-LIKE OSCILLATIONS IN AN ECLIPSING BINARY SYSTEM FROM KEPLER SPACE-BASED PHOTOMETRY. <i>Astrophysical Journal Letters</i> , 2010, 713, L187-L191.	8.3	64
26	Eccentricity-pumping in post-AGB stars with circumbinary discs. <i>Astronomy and Astrophysics</i> , 2013, 551, A50.	5.1	64
27	SPITZER survey of dust grain processing in stable discs around binary post-AGB stars. <i>Astronomy and Astrophysics</i> , 2008, 490, 725-735.	5.1	62
28	Detection of a large sample of $\gamma$ Doradus stars from Kepler space photometry and high-resolution ground-based spectroscopy. <i>Astronomy and Astrophysics</i> , 2013, 556, A52.	5.1	62
29	Orbital properties of binary post-AGB stars. <i>Astronomy and Astrophysics</i> , 2018, 620, A85.	5.1	62
30	Relating jet structure to photometric variability: the Herbig Ae star HD 163296. <i>Astronomy and Astrophysics</i> , 2014, 563, A87.	5.1	62
31	Binary properties of CH and carbon-enhanced metal-poor stars. <i>Astronomy and Astrophysics</i> , 2016, 586, A158.	5.1	60
32	Spitzer Space Telescope spectra of post-AGB stars in the Large Magellanic Cloud â€“ polycyclic aromatic hydrocarbons at low metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1472-1493.	4.4	59
33	The optically bright post-AGB population of the LMC. <i>Astronomy and Astrophysics</i> , 2011, 530, A90.	5.1	58
34	A study of the s-process in the carbon-rich post-AGB stars IRAS 06530â€“0213 and IRAS 08143â€“4406 on the basis of VLT-UVES spectra. <i>Astronomy and Astrophysics</i> , 2004, 417, 269-281.	5.1	58
35	Long term photometric monitoring with the Mercator telescope. <i>Astronomy and Astrophysics</i> , 2007, 463, 243-249.	5.1	57
36	Depletion in post-AGB stars with a dusty disc. II.. <i>Astronomy and Astrophysics</i> , 2005, 429, 297-308.	5.1	56

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37	The WISE view of RV Tauri stars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 133-146.	4.4	55
38	Chemically tagging the Hyades stream: does it partly originate from the Hyades cluster? Monthly Notices of the Royal Astronomical Society, 2011, 415, 1138-1154.	4.4	54
39	A newly discovered stellar type: dusty post-red giant branch stars in the Magellanic Clouds. Astronomy and Astrophysics, 2016, 586, L5.	5.1	54
40	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2013, 553, A121.	5.1	53
41	Post-AGB stars in the SMC as tracers of stellar evolution: the extreme s-process enrichment of the 21 $M_{\odot}$ star J004441.04-732136.4. Astronomy and Astrophysics, 2012, 541, A67.	5.1	52
42	On the signature of a 70-solar-mass black hole in LB-1. Nature, 2020, 580, E11-E15.	27.8	51
43	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2007, 464, 845-851.	5.1	51
44	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2013, 557, A44.	5.1	50
45	The orbits of subdwarf-B + main-sequence binaries. Astronomy and Astrophysics, 2013, 559, A54.	5.1	50
46	RU Cen and SX Cen: Two strongly depleted RV Tauri stars in binary systems. Astronomy and Astrophysics, 2002, 386, 504-516.	5.1	49
47	Spectroscopic monitoring of 10 new northern slowly pulsating B star candidates discovered from the HIPPARCOS mission. Astronomy and Astrophysics, 2001, 379, 905-916.	5.1	48
48	Barium and related stars, and their white-dwarf companions. Astronomy and Astrophysics, 2019, 626, A127.	5.1	48
49	Evidence from zinc abundances for dust fractionation in chemically peculiar stars. Nature, 1992, 356, 500-501.	27.8	46
50	Detection of Keplerian dynamics in a disk around the post-AGB star AC Herculis. Astronomy and Astrophysics, 2015, 575, L7.	5.1	46
51	An atlas of images of Planetary Nebulae. Astronomy and Astrophysics, 1999, 136, 145-171.	2.1	46
52	Testing eccentricity pumping mechanisms to model eccentric long-period sdB binaries with MESA. Astronomy and Astrophysics, 2015, 579, A49.	5.1	45
53	The ERE of the "Red Rectangle" revisited. Astronomy and Astrophysics, 2002, 390, 147-154.	5.1	44
54	ALMA observations of the Red Rectangle, a preliminary analysis. Astronomy and Astrophysics, 2013, 557, L11.	5.1	44

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55	Imaging the dust sublimation front of a circumbinary disk. <i>Astronomy and Astrophysics</i> , 2016, 588, L1.	5.1	44
56	The nebula around the post-AGB star $\epsilon$ Herculis. <i>Astronomy and Astrophysics</i> , 2007, 468, L45-L48.	5.1	44
57	Resolving the compact dusty discs around binary post-AGB stars using N-band interferometry. <i>Astronomy and Astrophysics</i> , 2006, 450, 181-192.	5.1	43
58	The dust disk of HR 4049. <i>Astronomy and Astrophysics</i> , 2003, 397, 595-609.	5.1	42
59	Detailed homogeneous abundance studies of 14 Galactic <i>s</i> -process enriched post-AGB stars: In search of lead (Pb). <i>Astronomy and Astrophysics</i> , 2016, 587, A6.	5.1	40
60	Further ALMA observations and detailed modeling of the Red Rectangle. <i>Astronomy and Astrophysics</i> , 2016, 593, A92.	5.1	40
61	Strong dust processing in circumstellar discs around $\rho$ Tauri stars. <i>Astronomy and Astrophysics</i> , 2005, 435, 161-166.	5.1	40
62	IRAS 19135+3937: an SRd variable as interacting binary surrounded by a circumbinary disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2462-2478.	4.4	39
63	Establishing binarity amongst Galactic RV Tauri stars with a disc. <i>Astronomy and Astrophysics</i> , 2017, 597, A129.	5.1	39
64	The circumbinary disc around the J-type C-star IRAS 18006-3213. <i>Astronomy and Astrophysics</i> , 2007, 467, 1093-1101.	5.1	38
65	MASCARA-1b. <i>Astronomy and Astrophysics</i> , 2017, 606, A73.	5.1	38
66	AMBER and MIDI interferometric observations of the post-AGB binary IRAS 08544-4431: the circumbinary disc resolved. <i>Astronomy and Astrophysics</i> , 2007, 474, L45-L48.	5.1	38
67	High-resolution observations of IRAS 08544-4431. <i>Astronomy and Astrophysics</i> , 2018, 614, A58.	5.1	37
68	Barium and related stars, and their white-dwarf companions. <i>Astronomy and Astrophysics</i> , 2019, 626, A128.	5.1	37
69	The orbits of subdwarf B + main-sequence binaries. <i>Astronomy and Astrophysics</i> , 2012, 548, A6.	5.1	36
70	Kepler's first view of O-star variability: K2 data of five O stars in Campaign 0 as a proof of concept for O-star asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 89-100.	4.4	36
71	The evolved circumbinary disk of AC Herculis: a radiative transfer, interferometric, and mineralogical study. <i>Astronomy and Astrophysics</i> , 2015, 578, A40.	5.1	36
72	The long-period binary central stars of the planetary nebulae NGC 1514 and LoTr 5. <i>Astronomy and Astrophysics</i> , 2017, 600, L9.	5.1	35

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73	Long-term photometric monitoring with the Mercator telescope. <i>Astronomy and Astrophysics</i> , 2009, 499, 967-982.	5.1	34
74	Photometric multi-site campaign on the open cluster NGC 884. <i>Astronomy and Astrophysics</i> , 2010, 515, A16.	5.1	34
75	Binary central stars of planetary nebulae with long orbits: the radial velocity orbit of BD+33°2642 (PN) Tj ETQq1 1,0.784314 rgBT /O	5.1	34
76	IRASâ€‰08544â€‰4431: A new post-AGB star in a binary system surrounded by a dusty disc. <i>Astronomy and Astrophysics</i> , 2003, 405, 271-283.	5.1	33
77	Close binary and other variable stars in the solar-age Galactic open cluster Mâ€‰67. <i>Astronomy and Astrophysics</i> , 2009, 503, 165-176.	5.1	33
78	Dust-grain processing in circumbinary discs around evolved binaries. The RVâ€‰Tauri spectral twins RUâ€‰Centauri and ACâ€‰Herculis. <i>Astronomy and Astrophysics</i> , 2007, 475, 629-637.	5.1	32
79	Kepler observations of Am starsâ€‰.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 792-800.	4.4	32
80	Time-resolved spectroscopy of BD+46°442: Gas streams and jet creation in a newly discovered evolved binary with a disk. <i>Astronomy and Astrophysics</i> , 2012, 542, A27.	5.1	32
81	Post-AGB stars in the Magellanic Clouds and neutron-capture processes in AGB stars. <i>Astronomy and Astrophysics</i> , 2015, 583, A77.	5.1	32
82	Hertzsprung-Russell diagram and mass distribution of barium stars. <i>Astronomy and Astrophysics</i> , 2017, 608, A100.	5.1	32
83	Detailed abundance study of four s-process enriched post-AGB stars in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2013, 554, A106.	5.1	31
84	A mid-IR interferometric survey with MIDI/VLTI: resolving the second-generation protoplanetary disks around post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2017, 599, A41.	5.1	31
85	Jet creation in post-AGB binaries: the circum-companion accretion disk around BD+46°442. <i>Astronomy and Astrophysics</i> , 2017, 607, A60.	5.1	31
86	<i>Herschel</i> images of NGC 6720: H<sub>2</sub> formation on dust grains. <i>Astronomy and Astrophysics</i> , 2010, 518, L137.	5.1	30
87	The evolutionary state of Miras with changing pulsation periods. <i>Astronomy and Astrophysics</i> , 2011, 531, A88.	5.1	29
88	The orbits of subdwarf-B + main-sequence binaries. <i>Astronomy and Astrophysics</i> , 2017, 605, A109.	5.1	29
89	Lithium abundance and rotation of seismic solar analogues. <i>Astronomy and Astrophysics</i> , 2017, 602, A63.	5.1	28
90	Chemical depletion in the Large Magellanic Cloud: RVâ€‰Tauri stars and the photospheric feedback from their dusty discs. <i>Astronomy and Astrophysics</i> , 2009, 508, 1391-1402.	5.1	28

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91	Spectroscopic and photometric variability of the O9.5 Vp star HD 93521. <i>Astronomy and Astrophysics</i> , 2008, 487, 659-670.	5.1	28
92	An interferometric study of the post-AGB binary 89â€‰%Herculis. <i>Astronomy and Astrophysics</i> , 2014, 568, A12.	5.1	27
93	The discovery of a planetary candidate around the evolved low-mass<i>Kepler</i>giant star HD 175370. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1018-1028.	4.4	27
94	SALT HRS Discovery of the Binary Nucleus of the Etched Hourglass Nebula MyCn 18. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	27
95	Modelling depletion by re-accretion of gas from a dusty disc in post-AGB stars. <i>Astronomy and Astrophysics</i> , 2019, 629, A49.	5.1	27
96	A second post-AGB nebula that contains gas in rotation and in expansion: ALMA maps of IW Carinae. <i>Astronomy and Astrophysics</i> , 2017, 597, L5.	5.1	27
97	An interferometric study of the post-AGB binary 89â€‰%Herculis. <i>Astronomy and Astrophysics</i> , 2013, 559, A111.	5.1	26
98	HD 172481: A super lithium-rich metal-deficient post-AGB binary with a red AGB companion. <i>Astronomy and Astrophysics</i> , 2001, 365, 465-475.	5.1	26
99	Two new SB2 binaries with main sequence B-type pulsators in the<i>Kepler</i>field. <i>Astronomy and Astrophysics</i> , 2013, 553, A127.	5.1	25
100	A coincidence between a hydrocarbon plasma absorption spectrum and the<i>Î»</i>5450 DIB. <i>Astronomy and Astrophysics</i> , 2010, 511, L3.	5.1	24
101	The<i>Spitzer</i>spectroscopic survey of S-type stars. <i>Astronomy and Astrophysics</i> , 2012, 540, A72.	5.1	24
102	To Ba or not to Ba: Enrichment in<i>s</i>-process elements in binary systems with WD companions of various masses. <i>Astronomy and Astrophysics</i> , 2016, 586, A151.	5.1	24
103	The perturbed sublimation rim of the dust disk around the post-AGB binary IRAS08544-4431. <i>Astronomy and Astrophysics</i> , 2018, 616, A153.	5.1	24
104	First detection of photospheric depletion in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2007, 463, L1-L4.	5.1	24
105	A RADIAL VELOCITY STUDY OF COMPOSITE-SPECTRA HOT SUBDWARF STARS WITH THE HOBBYâ€™EBERLY TELESCOPE. <i>Astrophysical Journal</i> , 2012, 758, 58.	4.5	23
106	A multisite photometric study of two unusual Î² Cep stars: the magnetic V2052 Oph and the massive rapid rotator V986 Oph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2380-2391.	4.4	23
107	STUDIES OF VARIABILITY IN PROTO-PLANETARY NEBULAE. II. LIGHT AND VELOCITY CURVE ANALYSES OF IRAS 22272+5435 AND 22223+4327. <i>Astrophysical Journal</i> , 2013, 766, 116.	4.5	23
108	The lead discrepancy in intrinsically<i>s</i>-process enriched post-AGB stars in the Magellanic Clouds. <i>Astronomy and Astrophysics</i> , 2014, 563, L5.	5.1	23

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109	Atmosphere of Betelgeuse before and during the Great Dimming event revealed by tomography. <i>Astronomy and Astrophysics</i> , 2021, 650, L17.	5.1	23
110	The panchromatic spectroscopic evolution of the classical CO nova V339 Delphini (Nova Del 2013) until X-ray turnoff. <i>Astronomy and Astrophysics</i> , 2016, 590, A123.	5.1	22
111	AGB nucleosynthesis in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2007, 461, 641-650.	5.1	22
112	V453 Oph: a s-process enriched, but carbon-deficient RV Tauri star of low intrinsic metallicity. <i>Astronomy and Astrophysics</i> , 2005, 438, 987-998.	5.1	21
113	Modelling the asymmetric wind of the luminous blue variable binary MWC 314. <i>Astronomy and Astrophysics</i> , 2013, 559, A16.	5.1	21
114	VLT/PIONIER survey of disks around post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2019, 631, A108.	5.1	21
115	Chemical abundance study of two strongly s-process enriched post-AGB stars in the LMC: J051213.81-693537.1 and J051848.86-700246.9. <i>Astronomy and Astrophysics</i> , 2015, 583, A56.	5.1	21
116	A population of transition disks around evolved stars: Fingerprints of planets. <i>Astronomy and Astrophysics</i> , 2022, 658, A36.	5.1	21
117	When an old star smolders. <i>Astronomy and Astrophysics</i> , 2010, 514, L1.	5.1	20
118	A search for pulsations in the HgMn star HD 45975 with CoRoT photometry and ground-based spectroscopy. <i>Astronomy and Astrophysics</i> , 2014, 561, A35.	5.1	20
119	The problematically short superwind of OH/IR stars. <i>Astronomy and Astrophysics</i> , 2014, 561, A75.	5.1	20
120	A spatio-kinematic model for jets in post-AGB stars,. <i>Astronomy and Astrophysics</i> , 2019, 631, A53.	5.1	20
121	Herschel/PACS observations of the 69 $\mu\text{m}$ band of crystalline olivine around evolved stars. <i>Astronomy and Astrophysics</i> , 2014, 565, A109.	5.1	20
122	C <sub>2</sub> emission features in the Red Rectangle. <i>Astronomy and Astrophysics</i> , 2010, 518, A36.	5.1	19
123	A double detached shell around a post-red supergiant: IRAS 17163-3907, the Fried Egg nebula. <i>Astronomy and Astrophysics</i> , 2011, 534, L10.	5.1	19
124	S stars and s-process in the Gaia era. <i>Astronomy and Astrophysics</i> , 2018, 620, A148.	5.1	19
125	Detection of solar-like oscillations in the bright red giant stars $\epsilon$ Piscium and $\gamma$ Tauri from a 190-day high-precision spectroscopic multi-site campaign. <i>Astronomy and Astrophysics</i> , 2015, 573, A138.	5.1	19
126	IRAS 08281-4850 and IRAS 14325-6428: two A-type post-AGB stars with s-process enrichment. <i>Astronomy and Astrophysics</i> , 2007, 471, 247-254.	5.1	19

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127	Status of the mid-IR ELT imager and spectrograph (METIS)., 2018, , .		19
128	Where are the Binaries? Results of a Long-term Search for Radial Velocity Binaries in Proto-planetary Nebulae. <i>Astrophysical Journal</i> , 2017, 846, 96.	4.5	18
129	Detection of elements beyond the Ba-peak in VLT+UVES spectra of post-AGB stars. <i>Astronomy and Astrophysics</i> , 2003, 408, L33-L37.	5.1	18
130	Amorphous carbon in the disk around the post-AGB binary HR4049. <i>Astronomy and Astrophysics</i> , 2013, 551, A76.	5.1	17
131	Extrinsically metal-poor stars: photospheric chemical depletion in post-AGB/post-RGB stars in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3524-3536.	4.4	17
132	A SPECTROSCOPIC AND PHOTOMETRIC STUDY OF THE METAL-POOR, PULSATING, POST-ASYMPTOTIC GIANT BRANCH BINARY HD 46703. <i>Astronomical Journal</i> , 2008, 136, 1557-1565.	4.7	16
133	Detection of gravity modes in the massive binary V380 Cyg from <i>Kepler</i> space-based photometry and high-resolution spectroscopy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 424, L21-L25.	3.3	16
134	SALT HRS discovery of a long-period double-degenerate binary in the planetary nebula NGC 1360. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2275-2287.	4.4	16
135	Testing the theory of colliding winds: the periastron passage of 9 Sagittarii. <i>Astronomy and Astrophysics</i> , 2016, 589, A121.	5.1	16
136	The HERMES solar atlas and the spectroscopic analysis of the seismic solar analogue KIC3241581. <i>Astronomy and Astrophysics</i> , 2016, 589, A27.	5.1	15
137	Analysis of the infrared spectra of the peculiar post-AGB stars EP Lyrae and HD52961. <i>Astronomy and Astrophysics</i> , 2009, 503, 843-854.	5.1	15
138	Observational evidence of third dredge-up occurrence in S-type stars with initial masses around $1 < i > M_{\odot}$ . <i>Astronomy and Astrophysics</i> , 2019, 625, L1.	5.1	15
139	HE 0017+0055: A probable pulsating CEMP-rs star and long-period binary. <i>Astronomy and Astrophysics</i> , 2016, 586, A159.	5.1	14
140	The evolutionary nature of RV Tauri stars in the SMC and LMC. <i>Astronomy and Astrophysics</i> , 2018, 618, A21.	5.1	14
141	High-precision CoRoT space photometry and fundamental parameter determination of the B2.5V star HD48977. <i>Astronomy and Astrophysics</i> , 2013, 551, A12.	5.1	14
142	Luminosities and Masses of Single Galactic Post-asymptotic Giant Branch Stars with Distances from Gaia EDR3: The Revelation of an s-process Diversity. <i>Astrophysical Journal Letters</i> , 2022, 927, L13.	8.3	14
143	Monitoring evolved stars for binarity with the hermes spectrograph. <i>EAS Publications Series</i> , 2013, 64, 163-170.	0.3	13
144	On the post-common-envelope central star of the planetary nebula NGC 2346. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4951-4955.	4.4	13

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145	Discovery of technetium- and niobium-rich S stars: The case for bitrinsic stars. <i>Astronomy and Astrophysics</i> , 2020, 635, L6.	5.1	13
146	Keplerian disks and outflows in post-AGB stars: AC Herculis, 89 Herculis, IRAS 19125+0343, and R Scuti. <i>Astronomy and Astrophysics</i> , 2021, 648, A93.	5.1	13
147	A dam around the Water Fountain Nebula?. <i>Astronomy and Astrophysics</i> , 2009, 503, 837-841.	5.1	13
148	Disc-binary interactions in depleted post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2020, 642, A234.	5.1	13
149	Determining mass-accretion and jet mass-loss rates in post-asymptotic giant branch binary systems. <i>Astronomy and Astrophysics</i> , 2020, 641, A175.	5.1	13
150	HD 172189: another step in furnishing one of the best laboratories known for asteroseismic studies. <i>Astronomy and Astrophysics</i> , 2009, 507, 901-910.	5.1	12
151	Current assessment of the Red Rectangle band problem. <i>Astrophysics and Space Science</i> , 2009, 323, 337-344.	1.4	12
152	AN INNER GASEOUS DISK AROUND THE HERBIG Be STAR MWC 147. <i>Astrophysical Journal Letters</i> , 2010, 724, L5-L8.	8.3	12
153	A new look inside planetary nebula LoTr 5: a long-period binary with hints of a possible third component. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1140-1150.	4.4	12
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