

H Van Winckel

List of Publications by Year in descending order

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276
papers

7,411
citations

50276

46
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82547

72
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279
all docs

279
docs citations

279
times ranked

3769
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Orbital and atmospheric parameters of two wide O-type subdwarf binaries: BD ¹¹ 162 and Feige 80. <i>Astronomy and Astrophysics</i> , 2022, 658, A122. | 5.1 | 4 |
| 2 | A population of transition disks around evolved stars: Fingerprints of planets. <i>Astronomy and Astrophysics</i> , 2022, 658, A36. | 5.1 | 21 |
| 3 | 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 |
| 4 | Post-AGB Stars as Tracers of AGB Nucleosynthesis: An Update. <i>Universe</i> , 2022, 8, 233. | 2.5 | 5 |
| 5 | Identifying students' mental models of the apparent motion of the Sun and stars. <i>Physical Review Physics Education Research</i> , 2022, 18, . | 2.9 | 2 |
| 6 | Jet parameters for a diverse sample of jet-launching post-AGB binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 445-462. | 4.4 | 7 |
| 7 | 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 |
| 8 | Atmosphere of Betelgeuse before and during the Great Dimming event revealed by tomography. <i>Astronomy and Astrophysics</i> , 2021, 650, L17. | 5.1 | 23 |
| 9 | S stars and s-process in the Gaia era. <i>Astronomy and Astrophysics</i> , 2021, 650, A118. | 5.1 | 8 |
| 10 | Multi-wavelength VLT study of the puffed-up inner rim of a circumbinary disc. <i>Astronomy and Astrophysics</i> , 2021, 650, L13. | 5.1 | 6 |
| 11 | Sr and Ba abundances: Comparing machine-learning with star-by-star analyses. <i>Astronomy and Astrophysics</i> , 2021, 654, A140. | 5.1 | 4 |
| 12 | The binary central star of the bipolar pre-planetary nebula IRAS 08005-2356 (V510 Pup). <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2226-2235. | 4.4 | 8 |
| 13 | The Missing Lead: Developments in the Lead (Pb) Discrepancy in Intrinsically s-Process Enriched Single Post-AGB Stars. <i>Universe</i> , 2021, 7, 446. | 2.5 | 1 |
| 14 | Optical and near-infrared observations of the Fried Egg Nebula. <i>Astronomy and Astrophysics</i> , 2020, 635, A183. | 5.1 | 12 |
| 15 | Discovery of technetium- and niobium-rich S stars: The case for intrinsic stars. <i>Astronomy and Astrophysics</i> , 2020, 635, L6. | 5.1 | 13 |
| 16 | On the signature of a 70-solar-mass black hole in LB-1. <i>Nature</i> , 2020, 580, E11-E15. | 27.8 | 51 |
| 17 | Binary evolution along the red giant branch with BINSTAR: The barium star perspective. <i>Astronomy and Astrophysics</i> , 2020, 639, A24. | 5.1 | 12 |
| 18 | Li-rich K giants, dust excess, and binarity. <i>Astronomy and Astrophysics</i> , 2020, 639, A7. | 5.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | VLTI/PIONIER reveals the close environment of the evolved system HD 101584. <i>Astronomy and Astrophysics</i> , 2020, 642, A152. | 5.1 | 6 |
| 20 | Disc-binary interactions in depleted post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2020, 642, A234. | 5.1 | 13 |
| 21 | 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 |
| 22 | MARVEL, a four-telescope array for high-precision radial-velocity monitoring. , 2020, , . | | 0 |
| 23 | Neural network based image reconstruction with astrophysical priors. , 2020, , . | | 1 |
| 24 | VLTI images of circumbinary disks around evolved stars. , 2020, , . | | 2 |
| 25 | Optimizing MARVEL for the radial velocity follow up of TESS and PLATO transiting exoplanets. , 2020, , . | | 0 |
| 26 | Rubidium transitions as wavelength reference for astronomical Doppler spectrographs. , 2020, , . | | 0 |
| 27 | Design and validation of an instrument to test studentsâ€™ understanding of the apparent motion of the Sun and stars. <i>Physical Review Physics Education Research</i> , 2020, 16, . | 2.9 | 1 |
| 28 | Barium and related stars, and their white-dwarf companions. <i>Astronomy and Astrophysics</i> , 2019, 626, A127. | 5.1 | 48 |
| 29 | Barium and related stars, and their white-dwarf companions. <i>Astronomy and Astrophysics</i> , 2019, 626, A128. | 5.1 | 37 |
| 30 | Twoâ€™s company, threeâ€™s a crowd: SALT reveals the likely triple nature of the nucleus of the extreme abundance discrepancy factor planetary nebula Sp 3. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, . | 3.4 | 3 |
| 31 | VLTI/PIONIER survey of disks around post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2019, 631, A108. | 5.1 | 21 |
| 32 | GK Car and GZ Nor: two low-luminous, depleted RV Tauri stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4033-4041. | 4.4 | 4 |
| 33 | Spectroscopic binaries RV Tauri and DF Cygni. <i>Astronomy and Astrophysics</i> , 2019, 628, A40. | 5.1 | 11 |
| 34 | The post-common-envelope binary nucleus of the planetary nebula IC 4776: neither an anomalously long orbital period nor a Wolfâ€™Rayet binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1040-1046. | 4.4 | 7 |
| 35 | The post-common-envelope X-ray binary nucleus of the planetary nebula NGC 2392. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, . | 3.4 | 12 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Resolved Imaging of the AR Puppis Circumbinary Disk*. <i>Astronomical Journal</i> , 2019, 157, 110. | 4.7 | 10 |
| 38 | Hertzsprung-Russell diagram and mass distribution of barium stars <i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2019, 625, C3. | 5.1 | 3 |
| 39 | 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 |
| 40 | A spatio-kinematic model for jets in post-AGB stars,. <i>Astronomy and Astrophysics</i> , 2019, 631, A53. | 5.1 | 20 |
| 41 | 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 |
| 42 | Observational evidence of third dredge-up occurrence in S-type stars with initial masses around $1 <i>M_{\odot}</i>$. <i>Astronomy and Astrophysics</i> , 2019, 625, L1. | 5.1 | 15 |
| 43 | 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 |
| 44 | 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 |
| 45 | Measuring Intra-Pixel Sensitivity Variations of a CMOS Image Sensor. <i>IEEE Sensors Journal</i> , 2018, 18, 2722-2728. | 4.7 | 9 |
| 46 | MASCARA-1 b. <i>Astronomy and Astrophysics</i> , 2018, 613, C2. | 5.1 | 2 |
| 47 | The evolutionary nature of RV Tauri stars in the SMC and LMC. <i>Astronomy and Astrophysics</i> , 2018, 618, A21. | 5.1 | 14 |
| 48 | S stars and s-process in the <i>Gaia</i> era. <i>Astronomy and Astrophysics</i> , 2018, 620, A148. | 5.1 | 19 |
| 49 | Orbital properties of binary post-AGB stars. <i>Astronomy and Astrophysics</i> , 2018, 620, A85. | 5.1 | 62 |
| 50 | Variability in Post-AGB Stars: Pulsation in Proto-Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 423-424. | 0.0 | 0 |
| 51 | A systematic survey of grain growth in discs around post-AGB binaries with PACS and SPIRE photometry. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 387-388. | 0.0 | 0 |
| 52 | GK Car and GZ Nor: Two low-luminous, depleted RV Tauri stars. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 404-405. | 0.0 | 0 |
| 53 | Spectroscopic binaries among AGB stars from HERMES/Mercator: the case of V Hya. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 431-433. | 0.0 | 0 |
| 54 | Variability in Proto-planetary Nebulae. V. Velocity and Light Curve Analysis of IRAS 17436+5003, 18095+2704, and 19475+3119. <i>Astronomical Journal</i> , 2018, 156, 300. | 4.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | 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 |
| 56 | Understanding jets in post-AGB close binaries. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 355-356. | 0.0 | 0 |
| 57 | Spectroscopic and Photometric Variability of Three Oxygen Rich Post-AGB "Shell" Objects. <i>Galaxies</i> , 2018, 6, 131. | 3.0 | 1 |
| 58 | Orbital properties of binary post-AGB stars. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 230-234. | 0.0 | 0 |
| 59 | Radial velocity variability in post-AGB stars: V448 Lac. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 533-534. | 0.0 | 0 |
| 60 | Binary interaction along the RGB: The Barium Star perspective. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 394-395. | 0.0 | 0 |
| 61 | 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 |
| 62 | High-resolution observations of IRAS 08544 ⁺ 4431. <i>Astronomy and Astrophysics</i> , 2018, 614, A58. | 5.1 | 37 |
| 63 | Status of the mid-IR ELT imager and spectrograph (METIS). , 2018, , . | | 19 |
| 64 | Kernel-based crosstalk quantification and analysis of a CMOS image sensor. , 2018, , . | | 0 |
| 65 | Two-dimensional MTF characterization of a large format CMOS detector. , 2018, , . | | 0 |
| 66 | Characterization of the per-pixel dark current and activation energy of a large format CMOS image sensor. , 2018, , . | | 0 |
| 67 | 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 |
| 68 | Lithium abundance and rotation of seismic solar analogues. <i>Astronomy and Astrophysics</i> , 2017, 602, A63. | 5.1 | 28 |
| 69 | A novel technique to characterize the spatial intra-pixel sensitivity variations in a CMOS image sensor. , 2017, , . | | 2 |
| 70 | 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 |
| 71 | The discovery of a planetary candidate around the evolved low-mass Kepler giant star HD 175370. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1018-1028. | 4.4 | 27 |
| 72 | Discovery of a Metal-poor, Luminous Post-AGB Star that Failed the Third Dredge-up. <i>Astrophysical Journal</i> , 2017, 836, 15. | 4.5 | 11 |

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|----|---|-----|-----------|
| 73 | The TGAS HR diagram of S-type stars. Proceedings of the International Astronomical Union, 2017, 12, 345-347. | 0.0 | 0 |
| 74 | Searching for Long-Period Binary Central Stars of Planetary Nebulae with SALT HRS. Proceedings of the International Astronomical Union, 2017, 14, 330-330. | 0.0 | 0 |
| 75 | Hertzsprung-Russell diagram and mass distribution of barium stars. Astronomy and Astrophysics, 2017, 608, A100. | 5.1 | 32 |
| 76 | The long-period binary central stars of the planetary nebulae NGC 1514 and LoTr 5. Astronomy and Astrophysics, 2017, 600, L9. | 5.1 | 35 |
| 77 | MASCARA-1â€b. Astronomy and Astrophysics, 2017, 606, A73. | 5.1 | 38 |
| 78 | Establishing binarity amongst Galactic RV Tauri stars with a disc. Astronomy and Astrophysics, 2017, 597, A129. | 5.1 | 39 |
| 79 | ALMA Compact Array observations of the Fried Egg nebula. Astronomy and Astrophysics, 2017, 597, A99. | 5.1 | 5 |
| 80 | The orbits of subdwarf-B + main-sequence binaries. Astronomy and Astrophysics, 2017, 605, A109. | 5.1 | 29 |
| 81 | The TGAS HR diagram of barium stars. Proceedings of the International Astronomical Union, 2017, 12, 323-324. | 0.0 | 0 |
| 82 | A second post-AGB nebula that contains gas in rotation and in expansion: ALMA maps of IW Carinae. Astronomy and Astrophysics, 2017, 597, L5. | 5.1 | 27 |
| 83 | Jet creation in post-AGB binaries: the circum-companion accretion disk around BD+46Â°442. Astronomy and Astrophysics, 2017, 607, A60. | 5.1 | 31 |
| 84 | A chemically peculiar post-AGB star in the Small Magellanic Cloud. Journal of Physics: Conference Series, 2016, 728, 032016. | 0.4 | 0 |
| 85 | Binary properties of CH and carbon-enhanced metal-poor stars. Astronomy and Astrophysics, 2016, 586, A158. | 5.1 | 60 |
| 86 | Imaging the dust sublimation front of a circumbinary disk. Astronomy and Astrophysics, 2016, 588, L1. | 5.1 | 44 |
| 87 | Detailed homogeneous abundance studies of 14 Galactic<i>s</i>-process enriched post-AGB stars: In search of lead (Pb). Astronomy and Astrophysics, 2016, 587, A6. | 5.1 | 40 |
| 88 | A newly discovered stellar type: dusty post-red giant branch stars in the Magellanic Clouds. Astronomy and Astrophysics, 2016, 586, L5. | 5.1 | 54 |
| 89 | The HERMES solar atlas and the spectroscopic analysis of the seismic solar analogue KICâ€3241581. Astronomy and Astrophysics, 2016, 589, A27. | 5.1 | 15 |
| 90 | HE 0017+0055: A probable pulsating CEMP-rs star and long-period binary. Astronomy and Astrophysics, 2016, 586, A159. | 5.1 | 14 |

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|-----|---|-----|-----------|
| 91 | Post-AGB binaries as tracers of stellar evolution.. Proceedings of the International Astronomical Union, 2016, 12, 231-234. | 0.0 | 5 |
| 92 | Where are the binaries in proto-planetary nebulae? Results of a long-term radial velocity study. Proceedings of the International Astronomical Union, 2016, 12, 218-222. | 0.0 | 0 |
| 93 | Noise optimization of the source follower of a CMOS pixel using BSIM3 noise model. Proceedings of SPIE, 2016, , . | 0.8 | 0 |
| 94 | Further ALMA observations and detailed modeling of the Red Rectangle. Astronomy and Astrophysics, 2016, 593, A92. | 5.1 | 40 |
| 95 | Binary interactions on the RGB: Dusty post-RGB stars. Proceedings of the International Astronomical Union, 2016, 12, 223-226. | 0.0 | 0 |
| 96 | To Ba or not to Ba: Enrichment in s -process elements in binary systems with WD companions of various masses. Astronomy and Astrophysics, 2016, 586, A151. | 5.1 | 24 |
| 97 | Testing the theory of colliding winds: the periastron passage of 9 Sagittarii. Astronomy and Astrophysics, 2016, 589, A121. | 5.1 | 16 |
| 98 | The panchromatic spectroscopic evolution of the classical CO nova V339 Delphini (Nova Del 2013) until X-ray turnoff. Astronomy and Astrophysics, 2016, 590, A123. | 5.1 | 22 |
| 99 | Knowledge-based engineering of a PLC controlled telescope. , 2016, , . | | 0 |
| 100 | IRAS 19135+3937: an SRd variable as interacting binary surrounded by a circumbinary disc. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2462-2478. | 4.4 | 39 |
| 101 | Sco X-1 revisited with <i>Kepler</i> , MAXI and HERMES: outflows, time-lags and echoes unveiled. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3857-3867. | 4.4 | 9 |
| 102 | <i>Kepler</i> '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. Monthly Notices of the Royal Astronomical Society, 2015, 453, 89-100. | 4.4 | 36 |
| 103 | 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 |
| 104 | s-Process Abundances in Binary Stars With White Dwarfs. EAS Publications Series, 2015, 71-72, 343-344. | 0.3 | 0 |
| 105 | Detecting non-uniform period spacings in the <i>Kepler</i> photometry of $\hat{1}^3$ Doradus stars: methodology and case studies. Astronomy and Astrophysics, 2015, 574, A17. | 5.1 | 66 |
| 106 | The evolved circumbinary disk of AC Herculis: a radiative transfer, interferometric, and mineralogical study. Astronomy and Astrophysics, 2015, 578, A40. | 5.1 | 36 |
| 107 | Testing eccentricity pumping mechanisms to model eccentric long-period sdB binaries with MESA. Astronomy and Astrophysics, 2015, 579, A49. | 5.1 | 45 |
| 108 | <i>Herschel</i> imaging of the dust in the Helix nebula (NGC 7293). Astronomy and Astrophysics, 2015, 574, A134. | 5.1 | 10 |

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|-----|--|-----|-----------|
| 109 | 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 |
| 110 | Detection of Keplerian dynamics in a disk around the post-AGB star AC Herculis. <i>Astronomy and Astrophysics</i> , 2015, 575, L7. | 5.1 | 46 |
| 111 | Investigating the nature of the Fried Egg nebula. <i>Astronomy and Astrophysics</i> , 2015, 574, A139. | 5.1 | 4 |
| 112 | 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 |
| 113 | The <i>WISE</i> view of RV Tauri stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 133-146. | 4.4 | 55 |
| 114 | GRAVITY-MODE PERIOD SPACINGS AS A SEISMIC DIAGNOSTIC FOR A SAMPLE OF δ DORADUS STARS FROM <i>KEPLER</i> SPACE PHOTOMETRY AND HIGH-RESOLUTION GROUND-BASED SPECTROSCOPY. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 27. | 7.7 | 115 |
| 115 | Detection of solar-like oscillations in the bright red giant stars δ Piscium and γ Tauri from a 190-day high-precision spectroscopic multi-site campaign. <i>Astronomy and Astrophysics</i> , 2015, 573, A138. | 5.1 | 19 |
| 116 | Chemical abundance study of two strongly <i>s</i> -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 |
| 117 | Binary Star Research During the First Six Years of Operation of the HERMES Spectrograph at the 1.2 Mercator Telescope. <i>EAS Publications Series</i> , 2015, 71-72, 121-126. | 0.3 | 3 |
| 118 | A Radial Velocity and Light Curve Study of Pulsations and Binarity in Proto-Planetary Nebulae. <i>EAS Publications Series</i> , 2015, 71-72, 127-128. | 0.3 | 0 |
| 119 | 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 |
| 120 | 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 |
| 121 | An interferometric study of the post-AGB binary δ Herculis. <i>Astronomy and Astrophysics</i> , 2014, 568, A12. | 5.1 | 27 |
| 122 | Spitzer Space Telescope spectra of post-AGB stars in the Large Magellanic Cloud – polycyclic aromatic hydrocarbons at low metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1472-1493. | 4.4 | 59 |
| 123 | Extensive study of HD 25558, a long-period double-lined binary with two SPB components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3535-3556. | 4.4 | 7 |
| 124 | The Mercator telescope: relevance, status, and future. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 1 |
| 125 | Optically visible post-AGB/RGB stars and young stellar objects in the Small Magellanic Cloud: candidate selection, spectral energy distributions and spectroscopic examination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2211-2270. | 4.4 | 79 |
| 126 | HERMES at Mercator, competitive high-resolution spectroscopy with a small telescope. <i>Astronomische Nachrichten</i> , 2014, 335, 32-40. | 1.2 | 7 |

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|-----|--|-----|-----------|
| 127 | Pulsating red giant stars in eccentric binary systems discovered from <i>Kepler</i> space-based photometry. <i>Astronomy and Astrophysics</i> , 2014, 564, A36. | 5.1 | 108 |
| 128 | IP Eridani: A surprising long-period binary system hosting a He white dwarf. <i>Astronomy and Astrophysics</i> , 2014, 567, A30. | 5.1 | 10 |
| 129 | The problematically short superwind of OH/IR stars. <i>Astronomy and Astrophysics</i> , 2014, 561, A75. | 5.1 | 20 |
| 130 | Developing a PLC-friendly state machine model: lessons learned. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 2 |
| 131 | <i>Herschel</i> /PACS observations of the 69 μm band of crystalline olivine around evolved stars. <i>Astronomy and Astrophysics</i> , 2014, 565, A109. | 5.1 | 20 |
| 132 | Relating jet structure to photometric variability: the Herbig Ae star HD 163296. <i>Astronomy and Astrophysics</i> , 2014, 563, A87. | 5.1 | 62 |
| 133 | Binary central stars of planetary nebulae with long orbits: the radial velocity orbit of BD+33 $^{\circ}$ 2642 (PN) Tj ETQq1 1,0.784314 ₃₄ rgBT /Ove | 5.1 | 34 |
| 134 | On the Raman O VI and related lines in classical novae. <i>Astronomy and Astrophysics</i> , 2014, 570, L4. | 5.1 | 8 |
| 135 | Magellanic Cloud stars with TiO bands in emission: binary post-RGB/AGB stars or young stellar objects?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 355-367. | 4.4 | 4 |
| 136 | IGR J19308+0530: Roche lobe overflow on to a compact object from a donor 1.8 times as massive. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 431, L10-L14. | 3.3 | 6 |
| 137 | Monitoring evolved stars for binarity with the hermes spectrograph. <i>EAS Publications Series</i> , 2013, 64, 163-170. | 0.3 | 13 |
| 138 | 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 |
| 139 | The triple ϵ star system DV Cam. <i>EAS Publications Series</i> , 2013, 64, 397-398. | 0.3 | 0 |
| 140 | Atmospheric parameters of 169 F-, G-, K- and M-type stars in the Kepler field~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1422-1434. | 4.4 | 85 |
| 141 | Extended rotating disks around post-AGB stars. <i>Astronomy and Astrophysics</i> , 2013, 557, A104. | 5.1 | 77 |
| 142 | COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. <i>Astronomy and Astrophysics</i> , 2013, 557, A44. | 5.1 | 50 |
| 143 | COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. <i>Astronomy and Astrophysics</i> , 2013, 553, A121. | 5.1 | 53 |
| 144 | ALMA observations of the Red Rectangle, a preliminary analysis. <i>Astronomy and Astrophysics</i> , 2013, 557, L11. | 5.1 | 44 |

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|-----|---|-----|-----------|
| 145 | The orbits of subdwarf-B + main-sequence binaries. <i>Astronomy and Astrophysics</i> , 2013, 559, A54. | 5.1 | 50 |
| 146 | A <i>Herschel</i> study of NGC 650. <i>Astronomy and Astrophysics</i> , 2013, 560, A7. | 5.1 | 11 |
| 147 | COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. <i>Astronomy and Astrophysics</i> , 2013, 556, A22. | 5.1 | 123 |
| 148 | Detection of a large sample of $\hat{\iota}^3$ Doradus stars from <i>Kepler</i> space photometry and high-resolution ground-based spectroscopy. <i>Astronomy and Astrophysics</i> , 2013, 556, A52. | 5.1 | 62 |
| 149 | Modelling the asymmetric wind of the luminous blue variable binary MWC 314. <i>Astronomy and Astrophysics</i> , 2013, 559, A16. | 5.1 | 21 |
| 150 | An interferometric study of the post-AGB binary ϵ Herculis. <i>Astronomy and Astrophysics</i> , 2013, 559, A111. | 5.1 | 26 |
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