

# Thomas G Wilson

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

983  
citations

361413

20  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1182  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Detection of the tidal deformation of WASP-103b at 3 $\sigma$ with CHEOPS. <i>Astronomy and Astrophysics</i> , 2022, 657, A52.  | 5.1  | 22        |
| 2  | Analysis of Early Science observations with the CHAracterising ExOPlanets Satellite (CHEOPS) using <code>pycheops</code> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.            | 4.4  | 38        |
| 3  | Spi-OPS: Spitzer and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. <i>Astronomy and Astrophysics</i> , 2022, 658, A75.  | 5.1  | 25        |
| 4  | Relentless and complex transits from a planetesimal debris disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1647-1666.   | 4.4  | 16        |
| 5  | A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.   | 4.4  | 30        |
| 6  | Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4551-4571.                | 4.4  | 17        |
| 7  | The atmosphere and architecture of WASP-189 b probed by its CHEOPS phase curve. <i>Astronomy and Astrophysics</i> , 2022, 659, A74.   | 5.1  | 26        |
| 8  | Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 68.   | 4.7  | 31        |
| 9  | The impact of two non-transiting planets and stellar activity on mass determinations for the super-Earth CoRoT-7b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3975-3995.                 | 4.4  | 6         |
| 10 | CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. <i>Astronomy and Astrophysics</i> , 2021, 646, A157.  | 5.1  | 47        |
| 11 | Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.  | 5.1  | 94        |
| 12 | The EBLM project â€“ VIII. First results for M-dwarf mass, radius, and effective temperature measurements using CHEOPS light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 306-322. | 4.4  | 15        |
| 13 | Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3810-3830.  | 4.4  | 18        |
| 14 | Transit detection of the long-period volatile-rich super-Earth $\hat{\iota}$ 2 Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.  | 10.1 | 51        |
| 15 | A search for transiting planets around hot subdwarfs. <i>Astronomy and Astrophysics</i> , 2021, 650, A205.  | 5.1  | 18        |
| 16 | Carbon-enhanced stars with short orbital and spin periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4877-4892.   | 4.4  | 5         |
| 17 | An unusually low density ultra-short period super-Earth and three mini-Neptunes around the old star TOI-561. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4148-4166.                       | 4.4  | 32        |
| 18 | The dust never settles: collisional production of gas and dust in evolved planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5233-5242.                                       | 4.4  | 22        |

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|----|---|-----|-----------|
| 19 | WASP-186 and WASP-187: two hot Jupiters discovered by SuperWASP and SOPHIE with additional observations by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 428-440.                 | 4.4 | 32        |
| 20 | The Pristine survey â€“ X. A large population of low-metallicity stars permeates the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 497, L7-L12.                      | 3.3 | 46        |
| 21 | The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.  | 5.1 | 61        |
| 22 | K2-111: an old system with two planets in near-resonanceâ€“. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5004-5021.   | 4.4 | 22        |
| 23 | TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , 2020, 160, 179.  | 4.7 | 68        |
| 24 | The Pristine survey â€“ VI. The first three years of medium-resolution follow-up spectroscopy of Pristine EMP star candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2241-2253. | 4.4 | 51        |
| 25 | The unbiased frequency of planetary signatures around single and binary white dwarfs using Spitzer and Hubble. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 133-146.                   | 4.4 | 62        |
| 26 | Most white dwarfs with detectable dust discs show infrared variability. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 484, L109-L113.   | 3.3 | 30        |
| 27 | A gas-phase primordial origin of O2 in comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 10-20.  | 4.4 | 8         |
| 28 | Dwarf carbon stars are likely metal-poor binaries and unlikely hosts to carbon planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3873-3878.  | 4.4 | 12        |
| 29 | Infrared Variability of Two Dusty White Dwarfs. <i>Astrophysical Journal</i> , 2018, 866, 108.  | 4.5 | 35        |
| 30 | Dust production and depletion in evolved planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2601-2611.  | 4.4 | 35        |
| 31 | <i>Herschel</i>/SPIRE observations of water production rates and ortho-to-para ratios in comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1954-1962.                               | 4.4 | 8         |