

Thomas G Wilson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1796376/publications.pdf>

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	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
2	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
3	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
4	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.	5.1	61
5	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
6	Transit detection of the long-period volatile-rich super-Earth $\hat{1}/2$ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51
7	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
8	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
9	Analysis of Early Science observations with the CHAracterising ExOPlanets Satellite (<i>CHEOPS</i>) using <sc>pycheops</sc>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.	4.4	38
10	Infrared Variability of Two Dusty White Dwarfs. <i>Astrophysical Journal</i> , 2018, 866, 108.	4.5	35
11	Dust production and depletion in evolved planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2601-2611.	4.4	35
12	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
13	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
14	Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 68.	4.7	31
15	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
16	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with <i>CHEOPS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	4.4	30
17	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
18	Spi-OPS: <i>Spitzer</i> 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

#	ARTICLE	IF	CITATIONS
19	The dust never settles: collisional production of gas and dust in evolved planetary systems. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5233-5242.	4.4	22
20	K2-111: an old system with two planets in near-resonance. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5004-5021.	4.4	22
21	Detection of the tidal deformation of WASP-103b at 3 σ with CHEOPS. Astronomy and Astrophysics, 2022, 657, A52.	5.1	22
22	Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3810-3830.	4.4	18
23	A search for transiting planets around hot subdwarfs. Astronomy and Astrophysics, 2021, 650, A205.	5.1	18
24	Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4551-4571.	4.4	17
25	Relentless and complex transits from a planetesimal debris disc. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1647-1666.	4.4	16
26	The EBLM project – VIII. First results for M-dwarf mass, radius, and effective temperature measurements using CHEOPS light curves. Monthly Notices of the Royal Astronomical Society, 2021, 506, 306-322.	4.4	15
27	Dwarf carbon stars are likely metal-poor binaries and unlikely hosts to carbon planets. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3873-3878.	4.4	12
28	Herschel/SPIRE observations of water production rates and ortho-to-para ratios in comets. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1954-1962.	4.4	8
29	A gas-phase primordial origin of O ₂ in comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 486, 10-20.	4.4	8
30	The impact of two non-transiting planets and stellar activity on mass determinations for the super-Earth CoRoT-7b. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3975-3995.	4.4	6
31	Carbon-enhanced stars with short orbital and spin periods. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4877-4892.	4.4	5