Sergio Hoyer

List of Publications by Year
in descending order

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57 papers	2,035 citations	257450 24 h-index	276875 41 g-index
57 all docs	57 docs citations	57 times ranked	1825 citing authors

#	Article	IF	Citations
1	Detection of the tidal deformation of WASP-103b at 3 Ïf with CHEOPS. Astronomy and Astrophysics, 2022, 657, A52.	5.1	22
2	Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite (CHEOPS) using<scp>pycheops</scp>. Monthly Notices of the Royal Astronomical Society, 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. Astronomy and Astrophysics, 2022, 658, A75.	5.1	25
4	BEBOP III. Observations and an independent mass measurement of Kepler-16Â(AB)Âb â€“ the first circumbinary planet detected with radial velocities. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3561-3570.	4.4	16
5	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. Monthly Notices of the Royal Astronomical Society, 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. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4551-4571.	4.4	17
7	Black Mirror: The impact of rotational broadening on the search for reflected light from 51 Pegasi b with high resolution spectroscopy. Astronomy and Astrophysics, 2022, 659, A121.	5.1	10
8	The atmosphere and architecture of WASP-189 b probed by its CHEOPS phase curve. Astronomy and Astrophysics, 2022, 659, A74.	5.1	26
9	Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. Astronomical Journal, 2022, 163, 68.	4.7	31
10	Transit timing variations of AU Microscopii b and c. Astronomy and Astrophysics, 2022, 659, L7.	5.1	12
11	CHEOPS geometric albedo of the hot Jupiter HD 209458 b. Astronomy and Astrophysics, 2022, 659, L4.	5.1	20
12	Constraints onTESSalbedos for five hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3444-3457.	4.4	3
13	The CHEOPS mission. Experimental Astronomy, 2021, 51, 109-151.	3.7	140
14	CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. Astronomy and Astrophysics, 2021, 646, A157.	5.1	47
15	Six transiting planets and a chain of Laplace resonances in TOI-178. Astronomy and Astrophysics, 2021, 649, A26.	5.1	94
16	TOI-220â€‰b: a warm sub-Neptune discovered byTESS. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3361-3379.	4.4	6
17	The EBLM project â€“ 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
18	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

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19	Transit detection of the long-period volatile-rich super-Earth Î½2 Lupi d with CHEOPS. Nature Astronomy, 2021, 5, 775-787.	10.1	51
20	A search for transiting planets around hot subdwarfs. Astronomy and Astrophysics, 2021, 650, A205.	5.1	18
21	The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by CHEOPS and TESS. Astronomy and Astrophysics, 2021, 654, A159.	5.1	36
22	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2782-2803.	4.4	19
23	TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars. Astronomy and Astrophysics, 2021, 653, A147.	5.1	6
24	TESS and HARPS reveal two sub-Neptunes around TOI 1062. Astronomy and Astrophysics, 2021, 653, A105.	5.1	3
25	CHEOPS precision phase curve of the Super-Earth 55 Cancri e. Astronomy and Astrophysics, 2021, 653, A173.	5.1	30
26	SWEET-Cat 2.0: The Cat just got SWEETer. Astronomy and Astrophysics, 2021, 656, A53.	5.1	37
27	A hot mini-Neptune in the radius valley orbiting solar analogue HDâ€‰110113. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4842-4857.	4.4	10
28	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. Astronomical Journal, 2021, 162, 292.	4.7	11
29	<scp>archi</scp>: pipeline for light curve extraction of CHEOPS background stars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 282-294.	4.4	0
30	Expected performances of the Characterising Exoplanet Satellite (CHEOPS). Astronomy and Astrophysics, 2020, 635, A24.	5.1	69
31	WASP-4 transit timing variation from a comprehensive set of 129 transits. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L11-L15.	3.3	10
32	TraMoS. Astronomy and Astrophysics, 2020, 636, A98.	5.1	30
33	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. Astronomy and Astrophysics, 2020, 643, A94.	5.1	61
34	Kepler Object of Interest Network. Astronomy and Astrophysics, 2019, 628, A108.	5.1	11
35	Kepler Object of Interest Network. Astronomy and Astrophysics, 2018, 618, A41.	5.1	24
36	Kepler Object of Interest Network. Astronomy and Astrophysics, 2018, 615, A79.	5.1	15

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37	The GTC exoplanet transit spectroscopy survey. Astronomy and Astrophysics, 2016, 589, A62.	5.1	6
38	RULING OUT THE ORBITAL DECAY OF THE WASP-43B EXOPLANET. Astronomical Journal, 2016, 151, 137.	4.7	58
39	Broad-band spectrophotometry of HAT-P-32Âb: search for a scattering signature in the planetary spectrum. Monthly Notices of the Royal Astronomical Society, 2016, 463, 604-614.	4.4	43
40	TraMoS â€“ IV. Discarding the Quick Orbital Decay Hypothesis for OGLE-TR-113b. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1334-1340.	4.4	33
41	The GTC exoplanet transit spectroscopy survey. Astronomy and Astrophysics, 2014, 563, A41.	5.1	57
42	ROSSITER-MCLAUGHLIN OBSERVATIONS OF 55 Cnc e. Astrophysical Journal Letters, 2014, 792, L31.	8.3	33
43	A HOT URANUS ORBITING THE SUPER METAL-RICH STAR HD 77338 AND THE METALLICITY-MASS CONNECTION. Astrophysical Journal, 2013, 766, 67.	4.5	56
44	TraMoS project â€“ III. Improved physical parameters, timing analysis and starspot modelling of the WASP-4b exoplanet system from 38 transit observations. Monthly Notices of the Royal Astronomical Society, 2013, 434, 46-58.	4.4	49
45	Exoplanet Surveys at Universidad de Chile. Proceedings of the International Astronomical Union, 2012, 8, 454-459.	0.0	0
46	TRANSIT MONITORING IN THE SOUTH (TraMoS) PROJECT: DISCARDING TRANSIT TIMING VARIATIONS IN WASP-5b. Astrophysical Journal, 2012, 748, 22.	4.5	63
47	DISCOVERY AND CHARACTERIZATION OF AN EXTREMELY DEEP-ECLIPSING CATACLYSMIC VARIABLE: LSQ172554.8-643839. Astrophysical Journal, 2011, 732, 51.	4.5	6
48	TWENTY-ONE NEW LIGHT CURVES OF OGLE-TR-56b: NEW SYSTEM PARAMETERS AND LIMITS ON TIMING VARIATIONS. Astrophysical Journal, 2011, 741, 102.	4.5	33
49	FIVE NEW TRANSIT EPOCHS OF THE EXOPLANET OGLE-TR-111b. Astrophysical Journal, 2011, 733, 53.	4.5	42
50	NEARBY SUPERNOVA FACTORY OBSERVATIONS OF SN 2007if: FIRST TOTAL MASS MEASUREMENT OF A SUPER-CHANDRASEKHAR-MASS PROGENITOR. Astrophysical Journal, 2010, 713, 1073-1094.	4.5	292
51	First results from the Calan-Hertfordshire Extrasolar Planet Search: exoplanets and the discovery of an eccentric brown dwarf in the desert^{â˜…}. Monthly Notices of the Royal Astronomical Society, 2009, 398, 911-917.	4.4	67
52	An infrared study of the double nucleus in NGCÂ3256. Monthly Notices of the Royal Astronomical Society, 2008, 384, 316-322.	4.4	13
53	Detection of Period Variations in Extrasolar Transiting Planet OGLE-TR-111b. Astrophysical Journal, 2008, 682, L49-L52.	4.5	50
54	Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates. IV. Solution to the Puzzle of the Extremely Red OGLEâ€TRâ€82 Primary. Astrophysical Journal, 2007, 669, 1345-1353.	4.5	3

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55	Disk Evolution in the Orion OB1 Association. Astronomical Journal, 2005, 129, 935-946.	4.7	56
56	M c Neil's Nebula in Orion: The Outburst History. Astrophysical Journal, 2004, 606, L123-L126.	4.5	62
57	Fundamental effective temperature measurements for eclipsing binary stars â€“ III. SPIRou near-infrared spectroscopy and CHEOPS photometry of the benchmark G0V star EBLMÂJ0113+31. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2