

Heidi H Korhonen

List of Publications by Year in descending order

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133
papers

3,547
citations

126907

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docs citations

135
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3445
citing authors

#	ARTICLE	IF	CITATIONS
1	EXPRES. III. Revealing the Stellar Activity Radial Velocity Signature of μ Eridani with Photometry and Interferometry. <i>Astronomical Journal</i> , 2022, 163, 19.	4.7	10
2	A search for transit timing variations in the HATS-18 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3212-3223.	4.4	3
3	Observing the changing surface structures of the active K giant ϵ Geminorum with SONG. <i>Astronomy and Astrophysics</i> , 2021, 646, A6.	5.1	4
4	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	4.5	52
5	Detection of weak magnetic fields in two HgMn stars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 495, L97-L101.	3.3	10
6	A census of coronal mass ejections on solar-like stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4570-4589.	4.4	23
7	The nature of the photometric variability of HgMn stars: a test of simulated light curves of ϵ Phe against the TESS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1834-1840.	4.4	8
8	OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf. <i>Astronomical Journal</i> , 2020, 159, 76.	4.7	8
9	Potential Detection of Secular Evolution of Chemical Abundances on the Surface of the HgMn Primary in the Triple System ϵ Lup. <i>Research Notes of the AAS</i> , 2020, 4, 11.	0.7	0
10	An analysis of binary microlensing event OGLE-2015-BLG-0060. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4603-4614.	4.4	3
11	Transit timing variations in the WASP-4 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4230-4236.	4.4	28
12	OGLE-2014-BLG-1186: gravitational microlensing providing evidence for a planet orbiting the foreground star or for a close binary source?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5608-5632.	4.4	7
13	Physical properties and transmission spectrum of the WASP-74 planetary system from multiband photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5168-5179.	4.4	16
14	The quest for stellar coronal mass ejections in late-type stars. <i>Astronomy and Astrophysics</i> , 2019, 623, A49.	5.1	60
15	OGLE-2015-BLG-1649Lb: A Gas Giant Planet around a Low-mass Dwarf. <i>Astronomical Journal</i> , 2019, 158, 212.	4.7	3
16	The First Post-Kepler Brightness Dips of KIC 8462852. <i>Astrophysical Journal Letters</i> , 2018, 853, L8.	8.3	38
17	High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). <i>Astronomy and Astrophysics</i> , 2018, 610, A20.	5.1	19
18	Observed versus modelled stellar CME rates. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 246-247.	0.0	0

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19	Weak Magnetic Fields in Two Herbig Ae Systems: The SB2 AK Sco and the Presumed Binary HD 95881. <i>Astrophysical Journal Letters</i> , 2018, 858, L18.	8.3	7
20	ELT -HIRES, the high resolution spectrograph for the ELT; the end-to-end simulator: design approach and results.. , 2018, , .		1
21	MiNDSTEp differential photometry of the gravitationally lensed quasars WFIâ€™%2033-4723 and HEâ€™%0047-1756; microlensing and a new time delay. <i>Astronomy and Astrophysics</i> , 2017, 597, A49.	5.1	12
22	Orbital alignment and star-spot properties in the WASP-52 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 843-857.	4.4	64
23	The variability of magnetic activity in solarâ€™type stars. <i>Astronomische Nachrichten</i> , 2017, 338, 753-772.	1.2	26
24	MOA-2016-BLG-227Lb: A Massive Planet Characterized by Combining Light-curve Analysis and Keck AO Imaging. <i>Astronomical Journal</i> , 2017, 154, 3.	4.7	31
25	Surface magnetism of cool stars. <i>Astronomische Nachrichten</i> , 2017, 338, 428-441.	1.2	20
26	Orbital Elements and Stellar Parameters of the Active Binary UX Arietis. <i>Astrophysical Journal</i> , 2017, 844, 115.	4.5	6
27	The end-to-end simulator for the E-ELT HIRES high resolution spectrograph. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
28	Phase A: calibration concepts for HIRES. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
29	Faint-source-star planetary microlensing: the discovery of the cold gas-giant planet OGLE-2014-BLG-0676Lb. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2710-2717.	4.4	24
30	Do A-type stars flare?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3060-3076.	4.4	41
31	Magnetic field geometry and chemical abundance distribution of the He-strong star CPDâ€™57â€™3509. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1543-1552.	4.4	8
32	Contemporaneous Imaging Comparisons of the Spotted Giant Îf Geminorum Using Interferometric, Spectroscopic, and Photometric Data. <i>Astrophysical Journal</i> , 2017, 849, 120.	4.5	26
33	Estimating the parameters of globular cluster M 30 (NGC 7099) from time-series photometry<i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2016, 588, C2.	5.1	1
34	Many new variable stars discovered in the core of the globular cluster NGC 6715 (Mâ€™54) with EMCCD observations. <i>Astronomy and Astrophysics</i> , 2016, 592, A120.	5.1	3
35	High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). <i>Astronomy and Astrophysics</i> , 2016, 589, A58.	5.1	45
36	Exploring the crowded central region of ten Galactic globular clusters using EMCCDs. <i>Astronomy and Astrophysics</i> , 2016, 588, A128.	5.1	6

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37	Investigating magnetic activity in very stable stellar magnetic fields. <i>Astronomy and Astrophysics</i> , 2016, 590, A11.	5.1	83
38	FK COMAE BERENICES, KING OF SPIN: THE COCOA-PUFS PROJECT* â€. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 5.	7.7	8
39	Campaign 9 of the K2 Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124401.	3.1	79
40	THE SPITZER MICROLENSING PROGRAM AS A PROBE FOR GLOBULAR CLUSTER PLANETS: ANALYSIS OF OGLE-2015-BLG-0448. <i>Astrophysical Journal</i> , 2016, 823, 63.	4.5	39
41	SPITZER PARALLAX OF OGLE-2015-BLG-0966: A COLD NEPTUNE IN THE GALACTIC DISK. <i>Astrophysical Journal</i> , 2016, 819, 93.	4.5	95
42	Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 990-1002.	4.4	37
43	No Sun-like dynamo on the active star Î Andromedae from starspot asymmetry. <i>Nature</i> , 2016, 533, 217-220.	27.8	66
44	OGLE-2015-BLG-0479LA,B: BINARY GRAVITATIONAL MICROLENS CHARACTERIZED BY SIMULTANEOUS GROUND-BASED AND SPACE-BASED OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 828, 53.	4.5	23
45	Hunting for Stellar Coronal Mass Ejections. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 198-203.	0.0	6
46	THE FIRST SIMULTANEOUS MICROLENSING OBSERVATIONS BY TWO SPACE TELESCOPES: SPITZER AND SWIFT REVEAL A BROWN DWARF IN EVENT OGLE-2015-BLG-1319. <i>Astrophysical Journal</i> , 2016, 831, 183.	4.5	21
47	SPITZER OBSERVATIONS OF OGLE-2015-BLG-1212 REVEAL A NEW PATH TOWARD BREAKING STRONG MICROLENS DEGENERACIES. <i>Astrophysical Journal</i> , 2016, 820, 79.	4.5	19
48	Chemical spots on the surface of the strongly magnetic Herbig Ae star HD 101412. <i>Astronomische Nachrichten</i> , 2016, 337, 329-338.	1.2	2
49	MASS MEASUREMENTS OF ISOLATED OBJECTS FROM SPACE-BASED MICROLENSING. <i>Astrophysical Journal</i> , 2016, 825, 60.	4.5	39
50	Planet Hunters IX. KIC8462852 â€“ where's the flux?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3988-4004.	4.4	222
51	High-precision photometry by telescope defocussing â€“ VIII. WASP-22, WASP-41, WASP-42 and WASP-55. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4205-4217.	4.4	42
52	Stellar activity as noise in exoplanet detection â€“ I. Methods and application to solar-like stars and activity cycles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3038-3052.	4.4	18
53	DETECTING THE COMPANIONS AND ELLIPSOIDAL VARIATIONS OF RS CVN PRIMARIES. II. DRACONIS, A CANDIDATE FOR RECENT LOW-MASS COMPANION INGESTION. <i>Astrophysical Journal</i> , 2015, 809, 159.	4.5	13
54	RED NOISE VERSUS PLANETARY INTERPRETATIONS IN THE MICROLENSING EVENT OGLE-2013-BLG-446. <i>Astrophysical Journal</i> , 2015, 812, 136.	4.5	11

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55	Flares in A-type stars?. Proceedings of the International Astronomical Union, 2015, 11, 150-152.	0.0	1
56	Rotation periods and astrometric motions of the Luhmanâ€™s 16AB brown dwarfs by high-resolution lucky-imaging monitoring. Astronomy and Astrophysics, 2015, 584, A104.	5.1	10
57	Stellar activity as noise in exoplanet detection â€™ II. Application to M dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3053-3069.	4.4	61
58	Searching for variable stars in the cores of five metal-rich globular clusters using EMCCD observations. Astronomy and Astrophysics, 2015, 573, A103.	5.1	17
59	A census of variability in globular cluster Mâ€™s 68 (NGC 4590). Astronomy and Astrophysics, 2015, 578, A128.	5.1	21
60	HARPS spectropolarimetry of three sharp-lined Herbig Ae stars: New insights. Astronomy and Astrophysics, 2015, 584, A15.	5.1	4
61	Properties of stellar activity cycles. Proceedings of the International Astronomical Union, 2015, 11, 354-359.	0.0	1
62	SERENDIPITOUS DISCOVERY OF A DWARF NOVA IN THE KEPLER FIELD NEAR THE G DWARF KIC 5438845. Astronomical Journal, 2015, 149, 67.	4.7	6
63	High-precision photometry by telescope defocusing â€™ VII. The ultrashort period planet WASP-103â€™.... Monthly Notices of the Royal Astronomical Society, 2015, 447, 711-721.	4.4	66
64	PATHWAY TO THE GALACTIC DISTRIBUTION OF PLANETS: COMBINED SPITZER AND GROUND-BASED MICROLENS PARALLAX MEASUREMENTS OF 21 SINGLE-LENS EVENTS. Astrophysical Journal, 2015, 804, 20.	4.5	104
65	Larger and faster: revised properties and a shorter orbital period for the WASP-57 planetary system from a pro-am collaboration. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3094-3107.	4.4	32
66	DETECTING THE COMPANIONS AND ELLIPSOIDAL VARIATIONS OF RS CVn PRIMARIES. I. GEMINORUM. Astrophysical Journal, 2015, 807, 23.	4.5	21
67	Study of FK Comae Berenices. Astronomy and Astrophysics, 2015, 580, A64.	5.1	8
68	Physical properties and transmission spectrum of the WASP-80 planetary system from multi-colour photometry. Astronomy and Astrophysics, 2014, 562, A126.	5.1	40
69	Physical properties of the WASP-67 planetary system from multi-colour photometry. Astronomy and Astrophysics, 2014, 568, A127.	5.1	27
70	Abundance analysis, spectral variability, and search for the presence of a magnetic field in the typical PGa star HDâ€™19400. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3604-3615.	4.4	7
71	A search for flares and mass ejections on young late-type stars in the open cluster Blanco-1â€™.... Monthly Notices of the Royal Astronomical Society, 2014, 443, 898-910.	4.4	51
72	High-precision photometry by telescope defocussing â€™ VI. WASP-24, WASP-25 and WASP-26â€™.... Monthly Notices of the Royal Astronomical Society, 2014, 444, 776-789.	4.4	73

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73	A SUPER-JUPITER ORBITING A LATE-TYPE STAR: A REFINED ANALYSIS OF MICROLENSING EVENT OGLE-2012-BLG-0406. <i>Astrophysical Journal</i> , 2014, 782, 48.	4.5	42
74	GRB 120422A/SN 2012bz: Bridging the gap between low- and high-luminosity gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2014, 566, A102.	5.1	87
75	Doppler images of DI Piscium during 2004â€“2006. <i>Astronomy and Astrophysics</i> , 2014, 562, A139.	5.1	7
76	A detailed census of variable stars in the globular cluster NGC 6333 (M9) from CCD differential photometryâ€¦. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1220-1238.	4.4	23
77	IDENTIFYING THE LOCATION IN THE HOST GALAXY OF THE SHORT GRB 111117A WITH THE <i>CHANDRA</i> SUBARCSECOND POSITION. <i>Astrophysical Journal</i> , 2013, 766, 41.	4.5	20
78	Flip-flops of FK Comae Berenices. <i>Astronomy and Astrophysics</i> , 2013, 553, A40.	5.1	33
79	Chemical surface inhomogeneities in late B-type stars with Hg and Mn peculiarity. <i>Astronomy and Astrophysics</i> , 2013, 553, A27.	5.1	27
80	The new age of spotted star research using <i>Kepler</i> and CHARA. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 212-215.	0.0	0
81	Surface magnetism of cool giant and supergiant stars. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 350-358.	0.0	1
82	EMCCD photometry reveals two new variable stars in the crowded central region of the globular cluster NGC 6981 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2013, 558, C1.	5.1	1
83	Estimating the parameters of globular cluster Mâ€“30 (NGC 7099) from time-series photometry. <i>Astronomy and Astrophysics</i> , 2013, 555, A36.	5.1	17
84	EMCCD photometry reveals two new variable stars in the crowded central region of the globular cluster NGC 6981. <i>Astronomy and Astrophysics</i> , 2013, 553, A111.	5.1	16
85	Doppler imaging of stellar surface structure. <i>Astronomy and Astrophysics</i> , 2013, 551, A2.	5.1	14
86	Activity-Induced Radial Velocity Variation of M Dwarf Stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 197-200.	0.0	0
87	Starspot-Induced Radial Velocity Jitter During a Stellar Cycle. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 382-384.	0.0	0
88	3-D reconstructions of active stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 104-105.	0.0	0
89	Magnetic fields of HgMnâ€“stars. <i>Astronomy and Astrophysics</i> , 2012, 547, A90.	5.1	43
90	Measuring differential rotation of the K-giant <i>Î¶</i>â€“Andromedae. <i>Astronomy and Astrophysics</i> , 2012, 539, A50.	5.1	19

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91	Optical atmospheric extinction over Cerro Paranal. <i>Astronomy and Astrophysics</i> , 2011, 527, A91.	5.1	103
92	Investigating stellar surface rotation using observations of starspots. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 268-278.	0.0	0
93	The unusual $\hat{1}^3$ -ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33. <i>Nature</i> , 2011, 480, 72-74.	27.8	100
94	Spectroscopic variability and magnetic fields of HgMn stars. <i>Astronomische Nachrichten</i> , 2011, 332, 998-1007.	1.2	9
95	Investigating the variation of latitudinal stellar spot rotation and its relation to the real stellar surface rotation. <i>Astronomy and Astrophysics</i> , 2011, 532, A106.	5.1	15
96	Chemical spots and their dynamical evolution on HgMn stars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 116-120.	0.0	0
97	Starspot variability and evolution from modeling Kepler photometry of active late-type stars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 78-82.	0.0	2
98	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. <i>Astrophysical Journal Letters</i> , 2010, 713, L169-L175.	8.3	122
99	MAGNETIC STRUCTURE OF RAPIDLY ROTATING FK COMAE-TYPE CORONAE. <i>Astrophysical Journal</i> , 2010, 719, 299-306.	4.5	12
100	Photometric and spectroscopic observations of three rapidly rotating late-type stars: EY Dra, V374 Peg, and GSC 02038â€0293. <i>Astronomische Nachrichten</i> , 2010, 331, 772-780.	1.2	13
101	The magnetic field and the evolution of element spots on the surface of the HgMn eclipsing binary AR Aur. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 408, L61-L65.	3.3	32
102	Dynamical evolution of titanium, strontium, and yttrium spots on the surface of the HgMn star HDâ€11753. <i>Astronomy and Astrophysics</i> , 2010, 511, A71.	5.1	39
103	Ellipsoidal primary of the RSâ€CVn binary <i>Î¶</i><i>Andromedae</i>. <i>Astronomy and Astrophysics</i> , 2010, 515, A14.	5.1	9
104	Young solar type active stars: the TYCâ€2627-638-1 system. <i>Astronomy and Astrophysics</i> , 2010, 515, A81.	5.1	0
105	Multiple and changing cycles of active stars. <i>Astronomy and Astrophysics</i> , 2009, 501, 703-713.	5.1	144
106	Correlating the starspot distributions and the photometric activity cycles on two young solar analogues. , 2009, , .		0
107	First measurement of the magnetic field on FK Com and its relation to the contemporaneous star-spot locations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 282-289.	4.4	21
108	Photospheric and chromospheric activity in V405â€Andromedae. <i>Astronomy and Astrophysics</i> , 2009, 504, 1021-1029.	5.1	27

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109	Radial differential rotation vs. surface differential rotation: investigation based on dynamo models. Proceedings of the International Astronomical Union, 2008, 4, 425-426.	0.0	0
110	X-ray Spectroscopic Signatures of the Extended Corona of FK Comae. Astrophysical Journal, 2008, 679, 1522-1530.	4.5	10
111	Magnetic activity on V889 Herculis. Astronomy and Astrophysics, 2008, 488, 1047-1055.	5.1	27
112	Photospheric and chromospheric activity on EY Dra. Astronomische Nachrichten, 2007, 328, 897-903.	1.2	1
113	Study of FK Comae Berenices. Astronomy and Astrophysics, 2007, 476, 881-891.	5.1	31
114	EK Draconis. Astronomy and Astrophysics, 2007, 472, 887-895.	5.1	22
115	Active Longitudes and Flip-Flops in Binary Stars. Proceedings of the International Astronomical Union, 2006, 2, 453-455.	0.0	2
116	The Remarkable Far-Ultraviolet Spectrum of FK Comae Berenices: King of Spin. Astrophysical Journal, 2006, 644, 464-474.	4.5	9
117	Study of FK Comae Berenices. Astronomy and Astrophysics, 2006, 452, 303-309.	5.1	25
118	Flip-flop phenomenon: observations and theory. Astronomische Nachrichten, 2005, 326, 278-282.	1.2	33
119	Photometric observations from theoretical flip-flop models. Astronomy and Astrophysics, 2005, 440, 1161-1165.	5.1	19
120	Spots on FK Com: active longitudes and flip-flops. Astronomische Nachrichten, 2004, 325, 402-407.	1.2	8
121	Surface imaging of stellar non-radial pulsations. Astronomy and Astrophysics, 2003, 406, 281-285.	5.1	17
122	Surface imaging of stellar non-radial pulsations. Astronomy and Astrophysics, 2003, 406, 273-280.	5.1	19
123	Study of FK Comae Berenices. Astronomy and Astrophysics, 2002, 390, 179-185.	5.1	51
124	The Time Delay of the Quadruple Quasar RX J0911.4+0551. Astrophysical Journal, 2002, 572, L11-L14.	4.5	57
125	The first close-up of the "flip-flop" phenomenon in a single star. Astronomy and Astrophysics, 2001, 379, L30-L33.	5.1	32
126	Study of FK Comae Berenices. Astronomy and Astrophysics, 2001, 374, 1049-1055.	5.1	12

#	ARTICLE	IF	CITATIONS
127	The Jet and Circumburst Stellar Wind of GRB 980519. <i>Astrophysical Journal</i> , 2001, 546, 127-133.	4.5	43
128	An Optical Time Delay Estimate for the Double Gravitational Lens System B1600+434. <i>Astrophysical Journal</i> , 2000, 544, 117-122.	4.5	66
129	Mapping the Non-Radial Pulsations. <i>International Astronomical Union Colloquium</i> , 2000, 175, 268-271.	0.1	0
130	Deducing the orbit of the radio galaxy 3C 129. <i>International Astronomical Union Colloquium</i> , 2000, 174, 408-411.	0.1	2
131	Spectroscopic Limits on the Distance and Energy Release of GRB 990123. <i>Science</i> , 1999, 283, 2075-2077.	12.6	41
132	The Optical/IR Counterpart of the 1998 July 3 Gamma-Ray Burst and Its Evolution. <i>Astrophysical Journal</i> , 1999, 511, L85-L88.	4.5	33
133	Simulating starspot activity jitter for spectral types Fâ€“M: Realistic estimates for a representative sample of known exoplanet hosts. <i>Astronomische Nachrichten</i> , 0, , .	1.2	0