

Paul G Beck

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,791
citations

279798

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315739

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docs citations

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#	ARTICLE	IF	CITATIONS
1	A Radial Velocity Study of the Planetary System of ϵ Mensae: Improved Planet Parameters for ϵ Mensae c and a Third Planet on a 125 Day Orbit. <i>Astronomical Journal</i> , 2022, 163, 223.	4.7	7
2	Asteroseismology of the heartbeat star KIC 5006817. <i>Contributions of the Astronomical Observatory Skalnaté Pleso</i> , 2021, 51, .	0.1	3
3	Search for flares and associated CMEs on late-type main-sequence stars in optical SDSS spectra. <i>Astronomy and Astrophysics</i> , 2021, 646, A34.	5.1	22
4	Weighing stars from birth to death: mass determination methods across the HRD. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1.	25.5	38
5	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the <i>TESS</i> continuous viewing zones and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1947-1966.	4.4	30
6	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	4.7	29
7	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
8	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star γ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	10.1	46
9	Rotation of Solar Analogs Crossmatching Kepler and Gaia DR2. <i>Astrophysical Journal</i> , 2020, 898, 173.	4.5	9
10	Spectroscopic and Asteroseismic Analysis of the Secondary Clump Red Giant HD226808*. <i>Astrophysical Journal</i> , 2020, 894, 67.	4.5	1
11	Observations of tides and circularization in red-giant binaries from Kepler photometry. <i>EAS Publications Series</i> , 2019, 82, 119-125.	0.3	0
12	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019, 876, L24.	8.3	29
13	Revisiting the Impact of Stellar Magnetic Activity on the Detectability of Solar-Like Oscillations by Kepler. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	33
14	Greening of the brown-dwarf desert. <i>Astronomy and Astrophysics</i> , 2019, 628, A64.	5.1	19
15	Core-Envelope Coupling in Intermediate-mass Core-helium Burning Stars. <i>Astrophysical Journal</i> , 2019, 887, 203.	4.5	19
16	Seismic probing of the first dredge-up event through the eccentric red-giant and red-giant spectroscopic binary KIC 9163796. <i>Astronomy and Astrophysics</i> , 2018, 612, A22.	5.1	28
17	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4866-4880.	4.4	25
18	Oscillating red giants in eclipsing binary systems: empirical reference value for asteroseismic scaling relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4669-4696.	4.4	36

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19	K2 photometry and HERMES spectroscopy of the blue supergiant ϵ Leo: rotational wind modulation and low-frequency waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1234-1241.	4.4	34
20	Sun-like stars unlike the Sun: Clues for chemical anomalies of cool stars. <i>Astronomische Nachrichten</i> , 2017, 338, 442-452.	1.2	8
21	Evidence for compact binary systems around Kepler red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3802-3812.	4.4	19
22	Lithium abundance and rotation of seismic solar analogues. <i>Astronomy and Astrophysics</i> , 2017, 602, A63.	5.1	28
23	Spin alignment of stars in old open clusters. <i>Nature Astronomy</i> , 2017, 1, .	10.1	63
24	Beyond the Kepler/K2 bright limit: variability in the seven brightest members of the Pleiades. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2882-2901.	4.4	58
25	Probing the Deep End of the Milky Way with New Oscillating Kepler Giants. <i>EPJ Web of Conferences</i> , 2017, 160, 05001.	0.3	0
26	Formation history of open clusters constrained by detailed asteroseismology of red giant stars observed by Kepler. <i>EPJ Web of Conferences</i> , 2017, 160, 05002.	0.3	0
27	PROBING THE DEEP END OF THE MILKY WAY WITH KEPLER: ASTEROSEISMIC ANALYSIS OF 854 FAINT RED GIANTS MISCLASSIFIED AS COOL DWARFS. <i>Astrophysical Journal</i> , 2016, 827, 50.	4.5	42
28	INTERNAL ROTATION OF THE RED-GIANT STAR KIC 4448777 BY MEANS OF ASTEROSEISMIC INVERSION. <i>Astrophysical Journal</i> , 2016, 817, 65.	4.5	59
29	KIC 9246715: THE DOUBLE RED GIANT ECLIPSING BINARY WITH ODD OSCILLATIONS. <i>Astrophysical Journal</i> , 2016, 818, 108.	4.5	33
30	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE <i>KEPLER</i> FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 19.	7.7	268
31	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
32	OLD PUZZLE, NEW INSIGHTS: A LITHIUM-RICH GIANT QUIETLY BURNING HELIUM IN ITS CORE. <i>Astrophysical Journal Letters</i> , 2014, 784, L16.	8.3	57
33	Fast core rotation in red-giant stars as revealed by gravity-dominated mixed modes. <i>Nature</i> , 2012, 481, 55-57.	27.8	383
34	Constraining the core rotation rate in red-giant stars from Kepler space photometry. <i>Astronomische Nachrichten</i> , 2012, 333, 967-970.	1.2	6
35	Spectroscopic frequencies of 4 CVn in 2010 and 2011. <i>Astronomische Nachrichten</i> , 2012, 333, 1080-1082.	1.2	2
36	Do we see the simultaneous occurrence of stellar rotational effects and short-period pulsations in some A-type <i>Kepler</i> stars?. <i>Astronomische Nachrichten</i> , 2012, 333, 975-977.	1.2	2

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37	Kepler Detected Gravity-Mode Period Spacings in a Red Giant Star. <i>Science</i> , 2011, 332, 205-205.	12.6	187
38	DISCOVERY OF A RED GIANT WITH SOLAR-LIKE OSCILLATIONS IN AN ECLIPSING BINARY SYSTEM FROM <i>KEPLER</i> SPACE-BASED PHOTOMETRY. <i>Astrophysical Journal Letters</i> , 2010, 713, L187-L191.	8.3	64
39	An ECÂ14026 pulsator in a reflection binary. <i>Astrophysics and Space Science</i> , 2010, 329, 83-86.	1.4	12
40	2006 WHOLE EARTH TELESCOPE OBSERVATIONS OF GD358: A NEW LOOK AT THE PROTOTYPE DBV. <i>Astrophysical Journal</i> , 2009, 693, 564-585.	4.5	35
41	A photometric study of the southern Blazhko star SS For: unambiguous detection of quintuplet components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 263-275.	4.4	13