Paul G Beck

List of Publications by Year
in descending order

41 papers	1,791 citations	279798 23 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	2028 citing authors

#	Article	IF	Citations
1	Fast core rotation in red-giant stars as revealed by gravity-dominated mixed modes. Nature, 2012, 481, 55-57.	27.8	383
2	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE KEPLER FIELDS. Astrophysical Journal, Supplement Series, 2014, 215, 19.	7.7	268
3	Kepler Detected Gravity-Mode Period Spacings in a Red Giant Star. Science, 2011, 332, 205-205.	12.6	187
4	DISCOVERY OF A RED GIANT WITH SOLAR-LIKE OSCILLATIONS IN AN ECLIPSING BINARY SYSTEM FROM KEPLER SPACE-BASED PHOTOMETRY. Astrophysical Journal Letters, 2010, 713, L187-L191.	8.3	64
5	Spin alignment of stars in old open clusters. Nature Astronomy, 2017, 1, .	10.1	63
6	INTERNAL ROTATION OF THE RED-GIANT STAR KICÂ4448777 BY MEANS OF ASTEROSEISMIC INVERSION. Astrophysical Journal, 2016, 817, 65.	4.5	59
7	Beyond the Kepler/K2 bright limit: variability in the seven brightest members of the Pleiades. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2882-2901.	4.4	58
8	OLD PUZZLE, NEW INSIGHTS: A LITHIUM-RICH GIANT QUIETLY BURNING HELIUM IN ITS CORE. Astrophysical Journal Letters, 2014, 784, L16.	8.3	57
9	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star Î½ Indi. Nature Astronomy, 2020, 4, 382-389.	10.1	46
10	PROBING THE DEEP END OF THE MILKY WAY WITH KEPLER: ASTEROSEISMIC ANALYSIS OF 854 FAINT RED GIANTS MISCLASSIFIED AS COOL DWARFS. Astrophysical Journal, 2016, 827, 50.	4.5	42
11	Weighing stars from birth to death: mass determination methods across the HRD. Astronomy and Astrophysics Review, 2021, 29, 1.	25.5	38
12	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. Astrophysical Journal Letters, 2020, 889, L34.	8.3	37
13	Oscillating red giants in eclipsing binary systems: empirical reference value for asteroseismic scaling relation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4669-4696.	4.4	36
14	2006 WHOLE EARTH TELESCOPE OBSERVATIONS OF GD358: A NEW LOOK AT THE PROTOTYPE DBV. Astrophysical Journal, 2009, 693, 564-585.	4.5	35
15	K2 photometry and HERMES spectroscopy of the blue supergiant Îâ€‰Leo: rotational wind modulation and low-frequency waves. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1234-1241.	4.4	34
16	KIC 9246715: THE DOUBLE RED GIANT ECLIPSING BINARY WITH ODD OSCILLATIONS. Astrophysical Journal, 2016, 818, 108.	4.5	33
17	Revisiting the Impact of Stellar Magnetic Activity on the Detectability of Solar-Like Oscillations by Kepler. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	33
18	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the TESS continuous viewing zones and beyond. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1947-1966.	4.4	30

#	Article	IF	Citations
19	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. Astrophysical Journal Letters, 2019, 876, L24.	8.3	29
20	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151.	4.7	29
21	Lithium abundance and rotation of seismic solar analogues. Astronomy and Astrophysics, 2017, 602, A63.	5.1	28
22	Seismic probing of the first dredge-up event through the eccentric red-giant and red-giant spectroscopic binary KIC 9163796. Astronomy and Astrophysics, 2018, 612, A22.	5.1	28
23	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4866-4880.	4.4	25
24	Search for flares and associated CMEs on late-type main-sequence stars in optical SDSS spectra. Astronomy and Astrophysics, 2021, 646, A34.	5.1	22
25	Evidence for compact binary systems around Kepler red giants. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3802-3812.	4.4	19
26	Greening of the brown-dwarf desert. Astronomy and Astrophysics, 2019, 628, A64.	5.1	19
27	Coreâ€“Envelope Coupling in Intermediate-mass Core-helium Burning Stars. Astrophysical Journal, 2019, 887, 203.	4.5	19
28	A photometric study of the southern Blazhko star SS For: unambiguous detection of quintuplet components. Monthly Notices of the Royal Astronomical Society, 2009, 396, 263-275.	4.4	13
29	An ECÂ14026 pulsator in a reflection binary. Astrophysics and Space Science, 2010, 329, 83-86.	1.4	12
30	Rotation of Solar Analogs Crossmatching Kepler and Gaia DR2. Astrophysical Journal, 2020, 898, 173.	4.5	9
31	Sunâ€like stars unlike the Sun: Clues for chemical anomaliesof cool stars. Astronomische Nachrichten, 2017, 338, 442-452.	1.2	8
32	Extensive study of HD 25558, a long-period double-lined binary with two SPB components. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3535-3556.	4.4	7
33	A Radial Velocity Study of the Planetary System of Ï€ Mensae: Improved Planet Parameters for Ï€ Mensae c and a Third Planet on a 125 Day Orbit. Astronomical Journal, 2022, 163, 223.	4.7	7
34	Constraining the coreâ€rotation rate in redâ€giant stars from Kepler space photometry. Astronomische Nachrichten, 2012, 333, 967-970.	1.2	6
35	Asteroseismology of the heartbeat star KIC 5006817. Contributions of the Astronomical Observatory Skalnate Pleso, 2021, 51, .	0.1	3
36	Spectroscopic frequencies of 4 CVn in 2010 and 2011. Astronomische Nachrichten, 2012, 333, 1080-1082.	1.2	2

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37	Do we see the simultaneous occurrence of stellar rotational effects and shortâ€period pulsations in some Aâ€type Kepler stars?. Astronomische Nachrichten, 2012, 333, 975-977.	1.2	2
38	Spectroscopic and Asteroseismic Analysis of the Secondary Clump Red Giant HDÂ226808*. Astrophysical Journal, 2020, 894, 67.	4.5	1
39	Probing the Deep End of the Milky Way with New Oscillating Kepler Giants. EPJ Web of Conferences, 2017, 160, 05001.	0.3	0
40	Formation history of open clusters constrained by detailed asteroseismology of red giant stars observed byKepler. EPJ Web of Conferences, 2017, 160, 05002.	0.3	0
41	Observations of tides and circularization in red-giant binaries from Kepler photometry. EAS Publications Series, 2019, 82, 119-125.	0.3	0