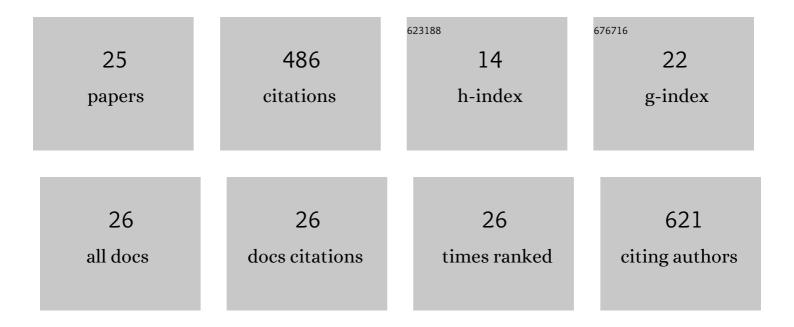
Earl Patrick Bellinger

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Significantly improving stellar mass and radius estimates: a new reference function for the Δν scaling relation. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4277-4281.	1.6	71
2	FUNDAMENTAL PARAMETERS OF MAIN-SEQUENCE STARS IN AN INSTANT WITH MACHINE LEARNING. Astrophysical Journal, 2016, 830, 31.	1.6	66
3	Stellar ages, masses, and radii from asteroseismic modeling are robust to systematic errors in spectroscopy. Astronomy and Astrophysics, 2019, 622, A130.	2.1	32
4	Model-independent Measurement of Internal Stellar Structure in 16 Cygni A and B. Astrophysical Journal, 2017, 851, 80.	1.6	29
5	Asteroseismic Constraints on the Cosmic-time Variation of the Gravitational Constant from an Ancient Main-sequence Star. Astrophysical Journal Letters, 2019, 887, L1.	3.0	27
6	TESS Observations of Cepheid Stars: First Light Results. Astrophysical Journal, Supplement Series, 2021, 253, 11.	3.0	27
7	On the Statistical Properties of the Lower Main Sequence. Astrophysical Journal, 2017, 839, 116.	1.6	24
8	Convective boundary mixing in low- and intermediate-mass stars – I. Core properties from pressure-mode asteroseismology. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4987-5004.	1.6	22
9	A seismic scaling relation for stellar age. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4612-4621.	1.6	21
10	Age-dating Red Giant Stars Associated with Galactic Disk and Halo Substructures. Astrophysical Journal, 2021, 916, 88.	1.6	19
11	Mitigating the mass dependence in the Δν scaling relation of red giant stars. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2069-2078.	1.6	18
12	A seismic scaling relation for stellar age II: the red giant branch. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 492, L50-L55.	1.2	17
13	When a period is not a full stop: Light-curve structure reveals fundamental parameters of Cepheid and RRÂLyrae stars. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4752-4767.	1.6	15
14	Penultimate Proline in Neuropeptides. Analytical Chemistry, 2015, 87, 8466-8472.	3.2	14
15	Period-luminosity relations for Cepheid variables: from mid-infrared to multi-phase. Astrophysics and Space Science, 2012, 341, 105-113.	0.5	13
16	Cooling Delays from Iron Sedimentation and Iron Inner Cores in White Dwarfs. Astrophysical Journal Letters, 2021, 919, L12.	3.0	13
17	Testing Stellar Evolution with Asteroseismic Inversions of a Main-sequence Star Harboring a Small Convective Core. Astrophysical Journal, 2019, 885, 143.	1.6	13
18	Asteroseismic inference of subgiant evolutionary parameters with deep learning. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2445-2461.	1.6	11

#	Article	IF	CITATIONS
19	Asteroseismic Inference of the Central Structure in a Subgiant Star. Astrophysical Journal, 2021, 915, 100.	1.6	9
20	Evolutionary states of red-giant stars from grid-based modelling. EPJ Web of Conferences, 2017, 160, 04006.	0.1	7
21	The stellar photosphere–hydrogen ionization front interaction in classical pulsators: a theoretical explanation for observed period–colour relations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 29-47.	1.6	6
22	Stellar Parameters in an Instant with Machine Learning. EPJ Web of Conferences, 2017, 160, 05003.	0.1	4
23	Asteroseismology of KIC 8263801: Is It a Member of NGC 6866 and a Red Clump Star?. Astrophysical Journal, 2018, 866, 59.	1.6	4
24	Inverse Analysis of Asteroseismic Data: A Review. Thirty Years of Astronomical Discovery With UKIRT, 2020, , 171-183.	0.3	2
25	A maximum-likelihood approach to absolute protein quantification in mass spectrometry. , 2015, , .		1