

Joel C Zinn

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,288
citations

430874

18
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

5314
citing authors

#	ARTICLE	IF	CITATIONS
1	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1â€“C8 and C10â€“C18. <i>Astrophysical Journal</i> , 2022, 926, 191.	4.5	19
2	Similarities behind the high- and low- α disc: small intrinsic abundance scatter and migrating stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2890-2910.	4.4	9
3	Vetting asteroseismic ν measurements using neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5578-5596.	4.4	5
4	The 3D Galactocentric Velocities of Kepler Stars: Marginalizing Over Missing Radial Velocities. <i>Astronomical Journal</i> , 2022, 164, 25.	4.7	2
5	Mass Matters: No Evidence for Ubiquitous Lithium Production in Low-mass Clump Giants. <i>Astrophysical Journal</i> , 2022, 933, 58.	4.5	8
6	Further Evidence of Modified Spin-down in Sun-like Stars: Pileups in the Temperatureâ€“Period Distribution. <i>Astrophysical Journal</i> , 2022, 933, 114.	4.5	21
7	An Intermediate-age Alpha-rich Galactic Population in K2. <i>Astronomical Journal</i> , 2021, 161, 100.	4.7	8
8	Cosmic Distances Calibrated to 1% Precision with Gaia EDR3 Parallaxes and Hubble Space Telescope Photometry of 75 Milky Way Cepheids Confirm Tension with Λ CDM. <i>Astrophysical Journal Letters</i> , 2021, 908, L6.	8.3	479
9	Validation of the Gaia Early Data Release 3 Parallax Zero-point Model with Asteroseismology. <i>Astronomical Journal</i> , 2021, 161, 214.	4.7	51
10	Fundamental relations for the velocity dispersion of stars in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1761-1776.	4.4	35
11	Searching For Transiting Planets Around Halo Stars. I. Sample Selection and Validation. <i>Astronomical Journal</i> , 2021, 162, 125.	4.7	6
12	Age-dating Red Giant Stars Associated with Galactic Disk and Halo Substructures. <i>Astrophysical Journal</i> , 2021, 916, 88.	4.5	19
13	Searching For Transiting Planets Around Halo Stars. ii. Constraining the Occurrence Rate of Hot Jupiters. <i>Astronomical Journal</i> , 2021, 162, 85.	4.7	8
14	A “Quick Look” at All-sky Galactic Archeology with TESS: 158,000 Oscillating Red Giants from the MIT Quick-look Pipeline. <i>Astrophysical Journal</i> , 2021, 919, 131.	4.5	32
15	The GALAH Survey: dependence of elemental abundances on age and metallicity for stars in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 734-752.	4.4	17
16	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
17	The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results from Campaigns 4, 6, and 7. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 23.	7.7	22
18	Confirmation of the Gaia DR2 Parallax Zero-point Offset Using Asteroseismology and Spectroscopy in the Kepler Field. <i>Astrophysical Journal</i> , 2019, 878, 136.	4.5	142

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19	The Bayesian Asteroseismology Data Modeling Pipeline and Its Application to K2 Data. <i>Astrophysical Journal</i> , 2019, 884, 107.	4.5	14
20	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
21	Giant Planet Occurrence within 0.2 au of Low-luminosity Red Giant Branch Stars with K2. <i>Astronomical Journal</i> , 2019, 158, 227.	4.7	34
22	Testing the Radius Scaling Relation with Gaia DR2 in the Kepler Field. <i>Astrophysical Journal</i> , 2019, 885, 166.	4.5	48
23	The K2-HERMES Survey: age and metallicity of the thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5335-5352.	4.4	54
24	Detecting Solar-like Oscillations in Red Giants with Deep Learning. <i>Astrophysical Journal</i> , 2018, 859, 64.	4.5	24
25	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	7.7	183
26	The GALAH Survey: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4513-4552.	4.4	269
27	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , 2017, 844, 102.	4.5	185
28	Evidence for Spatially Correlated Gaia Parallax Errors in the Kepler Field. <i>Astrophysical Journal</i> , 2017, 844, 166.	4.5	15
29	THE K2 GALACTIC ARCHAEOLOGY PROGRAM DATA RELEASE I: ASTEROSEISMIC RESULTS FROM CAMPAIGN 1. <i>Astrophysical Journal</i> , 2017, 835, 83.	4.5	85
30	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158