Megan Bedell

List of Publications by Year
in descending order

35 papers	1,372 citations	331670 21 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	1831 citing authors

#	Article	IF	Citations
1	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. Astronomical Journal, 2022, 163, 171.	4.7	27
2	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 83-99.	4.4	23
3	The 3D Galactocentric Velocities of Kepler Stars: Marginalizing Over Missing Radial Velocities. Astronomical Journal, 2022, 164, 25.	4.7	2
4	Excalibur: A Nonparametric, Hierarchical Wavelength Calibration Method for a Precision Spectrograph. Astronomical Journal, 2021, 161, 80.	4.7	4
5	Higher Compact Multiple Occurrence around Metal-poor M-dwarfs and Late-K-dwarfs. Astronomical Journal, 2021, 161, 203.	4.7	6
6	Evolution of the Exoplanet Size Distribution: Forming Large Super-Earths Over Billions of Years. Astronomical Journal, 2021, 161, 265.	4.7	29
7	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. Astronomical Journal, 2021, 162, 54.	4.7	25
8	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2220-2240.	4.4	3
9	Chemical evidence for planetary ingestion in a quarter of Sun-like stars. Nature Astronomy, 2021, 5, 1163-1169.	10.1	23
10	How Magnetic Activity Alters What We Learn from Stellar Spectra. Astrophysical Journal, 2020, 895, 52.	4.5	43
11	The Young Planet DS Tuc Ab Has a Low Obliquity*. Astronomical Journal, 2020, 159, 112.	4.7	19
12	No Massive Companion to the Coherent Radio-emitting M Dwarf GJ 1151. Astrophysical Journal Letters, 2020, 890, L19.	8.3	12
13	Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. Astronomical Journal, 2019, 158, 173.	4.7	88
14	<tt>WOBBLE</tt>: A Data-driven Analysis Technique for Time-series Stellar Spectra. Astronomical Journal, 2019, 158, 164.	4.7	38
15	No Evidence for Lunar Transit in New Analysis of Hubble Space Telescope Observations of the Kepler-1625 System. Astrophysical Journal Letters, 2019, 877, L15.	8.3	51
16	Constraining the evolution of stellar rotation using solar twins. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L68-L72.	3.3	32
17	The Liâ€“age correlation: the Sun is unusually Li deficient for its age. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4052-4059.	4.4	39
18	Thorium in solar twins: implications for habitability in rocky planets. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1690-1700.	4.4	20

#	Article	IF	Citations
19	Variations in Î±-element Ratios Trace the Chemical Evolution of the Disk. Astrophysical Journal, 2019, 883, 34.	4.5	16
20	Actions Are Weak Stellar Age Indicators in the Milky Way Disk. Astrophysical Journal, 2018, 867, 31.	4.5	14
21	A TESS Dress Rehearsal: Planetary Candidates and Variables from K2 Campaign 17. Astrophysical Journal, Supplement Series, 2018, 239, 5.	7.7	20
22	The Solar Twin Planet Search. Astronomy and Astrophysics, 2018, 619, A73.	5.1	66
23	The Chemical Homogeneity of Sun-like Stars in the Solar Neighborhood. Astrophysical Journal, 2018, 865, 68.	4.5	118
24	HELIOS: AN OPEN-SOURCE, GPU-ACCELERATED RADIATIVE TRANSFER CODE FOR SELF-CONSISTENT EXOPLANETARY ATMOSPHERES. Astronomical Journal, 2017, 153, 56.	4.7	128
25	Kepler-11 is a Solar Twin: Revising the Masses and Radii of Benchmark Planets via Precise Stellar Characterization. Astrophysical Journal, 2017, 839, 94.	4.5	41
26	The Transiting Multi-planet System HD 3167: A 5.7 M_{âŠ•} Super-Earth and an 8.3 M_{âŠ•} Mini-Neptune. Astronomical Journal, 2017, 154, 123.	4.7	71
27	The Solar Twin Planet Search. Astronomy and Astrophysics, 2017, 597, A34.	5.1	36
28	Spectroscopic binaries in the Solar Twin Planet Search program: from substellarâ€“mass to M dwarf companions. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3425-3436.	4.4	13
29	The Solar Twin Planet Search. Astronomy and Astrophysics, 2016, 592, A156.	5.1	42
30	K2-98b: A 32 M_{âŠ•} NEPTUNE-SIZE PLANET IN A 10 DAY ORBIT TRANSITING AN F8 STAR. Astronomical Journal, 2016, 152, 193.	4.7	43
31	STELLAR CHEMICAL ABUNDANCES: IN PURSUIT OF THE HIGHEST ACHIEVABLE PRECISION. Astrophysical Journal, 2014, 795, 23.	4.5	77
32	18 Sco: A SOLAR TWIN RICH IN REFRACTORY AND NEUTRON-CAPTURE ELEMENTS. IMPLICATIONS FOR CHEMICAL TAGGING. Astrophysical Journal, 2014, 791, 14.	4.5	69
33	HIGH PRECISION ABUNDANCES OF THE OLD SOLAR TWIN HIP 102152: INSIGHTS ON Li DEPLETION FROM THE OLDEST SUN. Astrophysical Journal Letters, 2013, 774, L32.	8.3	75
34	MONITORING HÎ±EMISSION AND CONTINUUM OF UXORs: RR Tauri. Astronomical Journal, 2011, 142, 164.	4.7	1
35	The temporal evolution of neutron-capture elements in the Galactic discs. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	58