

# Jessi Cisewski

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

515  
citations

840776

11  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights on the Spectral Signatures of Stellar Activity and Planets from PCA. <i>Astrophysical Journal</i> , 2017, 846, 59.	4.5	69
2	cosmoabc: Likelihood-free inference via Population Monte Carlo Approximate Bayesian Computation. <i>Astronomy and Computing</i> , 2015, 13, 1-11.	1.7	67
3	Support vector machine classification of suspect powders using laser-induced breakdown spectroscopy (LIBS) spectral data. <i>Journal of Chemometrics</i> , 2012, 26, 143-149.	1.3	58
4	THE ECCENTRICITY DISTRIBUTION OF SHORT-PERIOD PLANET CANDIDATES DETECTED BY KEPLER IN OCCULTATION. <i>Astrophysical Journal</i> , 2016, 820, 93.	4.5	55
5	Functional summaries of persistence diagrams. <i>Journal of Applied and Computational Topology</i> , 2020, 4, 211-262.	2.0	41
6	Finding cosmic voids and filament loops using topological data analysis. <i>Astronomy and Computing</i> , 2019, 27, 34-52.	1.7	34
7	Generalized fiducial inference for normal linear mixed models. <i>Annals of Statistics</i> , 2012, 40, .	2.6	33
8	Non-parametric 3D map of the intergalactic medium using the Lyman-alpha forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2599-2609.	4.4	31
9	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , 2022, 163, 171.	4.7	27
10	Modeling the Echelle Spectra Continuum with Alpha Shapes and Local Regression Fitting. <i>Astronomical Journal</i> , 2019, 157, 243.	4.7	19
11	Incorporating Uncertainties in Atomic Data into the Analysis of Solar and Stellar Observations: A Case Study in Fe xiii. <i>Astrophysical Journal</i> , 2018, 866, 146.	4.5	17
12	Trend filtering " I. A modern statistical tool for time-domain astronomy and astronomical spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4005-4018.	4.4	12
13	Exploratory Analysis of Exercise Adherence Patterns With Sedentary Pregnant Women. <i>Nursing Research</i> , 2010, 59, 280-287.	1.7	8
14	THE VELOCITY DISTRIBUTION FUNCTION OF GALAXY CLUSTERS AS A COSMOLOGICAL PROBE. <i>Astrophysical Journal</i> , 2017, 835, 106.	4.5	7
15	Sleeping Beauty's Credences. <i>Philosophy of Science</i> , 2016, 83, 324-347.	1.0	6
16	Standards for Modest Bayesian Credences. <i>Philosophy of Science</i> , 2018, 85, 53-78.	1.0	6
17	Identifying Activity-sensitive Spectral Lines: A Bayesian Variable Selection Approach. <i>Astronomical Journal</i> , 2019, 158, 210.	4.7	5
18	Trend filtering " II. Denoising astronomical signals with varying degrees of smoothness. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4019-4032.	4.4	5

#	ARTICLE	IF	CITATIONS
19	A Stellar Activity F-statistic for Exoplanet Surveys (SAFE). <i>Astronomical Journal</i> , 2021, 161, 272.	4.7	5
20	Life, the universe, and everything. <i>Significance</i> , 2014, 11, 48-75.	0.4	3
21	Approximate Bayesian computation for finite mixture models. <i>Journal of Statistical Computation and Simulation</i> , 2021, 91, 1155-1174.	1.2	3
22	Completing the Results of the 2013 Boston Marathon. <i>PLoS ONE</i> , 2014, 9, e93800.	2.5	3
23	Qualifying Times for the Boston Marathon. <i>Chance</i> , 2014, 27, 25-33.	0.2	1
24	Opportunities at SAMSI and NISS. <i>Chance</i> , 2014, 27, 44-47.	0.2	0
25	In search of Earth analogues. <i>Significance</i> , 2017, 14, 22-25.	0.4	0