

Jonathan D Fraine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7617322/publications.pdf>

Version: 2024-02-01

24
papers

1,662
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Water vapour absorption in the clear atmosphere of a Neptune-sized exoplanet. <i>Nature</i> , 2014, 513, 526-529.	27.8	238
2	<i>SPITZER</i> SECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-20b USING PIXEL-LEVEL DECORRELATION. <i>Astrophysical Journal</i> , 2015, 805, 132.	4.5	212
3	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. <i>Astrophysical Journal Letters</i> , 2019, 887, L14.	8.3	183
4	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. <i>Astrophysical Journal</i> , 2017, 834, 151.	4.5	128
5	<i>SPITZER</i> TRANSITS OF THE SUPER-EARTH GJ1214b AND IMPLICATIONS FOR ITS ATMOSPHERE. <i>Astrophysical Journal</i> , 2013, 765, 127.	4.5	100
6	The Transiting Exoplanet Community Early Release Science Program for <i>JWST</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114402.	3.1	100
7	ACCESS: a featureless optical transmission spectrum for WASP-19b from Magellan/IMACS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2065-2087.	4.4	99
8	Transiting Exoplanet Studies and Community Targets for <i>JWST</i> 's Early Release Science Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 094401.	3.1	98
9	Extrasolar Planet Transits Observed at Kitt Peak National Observatory. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 212-229.	3.1	91
10	Statistical Analysis of Hubble/WFC3 Transit Spectroscopy of Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2017, 847, L22.	8.3	88
11	Statistical Characterization of Hot Jupiter Atmospheres Using <i>Spitzer</i> 's Secondary Eclipses. <i>Astronomical Journal</i> , 2020, 159, 137.	4.7	72
12	INFRARED ECLIPSES OF THE STRONGLY IRRADIATED PLANET WASP-33b, AND OSCILLATIONS OF ITS HOST STAR. <i>Astrophysical Journal</i> , 2012, 754, 106.	4.5	64
13	A Comparative Study of WASP-67 b and HAT-P-38 b from WFC3 Data. <i>Astronomical Journal</i> , 2018, 155, 55.	4.7	41
14	Community Targets of <i>JWST</i> 's Early Release Science Program: Evaluation of WASP-63b. <i>Astronomical Journal</i> , 2018, 156, 103.	4.7	25
15	Starspot Occultations in Infrared Transit Spectroscopy: The Case of WASP-52b. <i>Astronomical Journal</i> , 2018, 156, 124.	4.7	24
16	Transmission Spectroscopy of WASP-79b from 0.6 to 5.0 μ m. <i>Astronomical Journal</i> , 2020, 159, 5.	4.7	22
17	Two NIRCcam Channels are Better than One: How <i>JWST</i> Can Do More Science with NIRCcam's Short-wavelength Dispersed Hartmann Sensor. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 015001.	3.1	17
18	Least Asymmetry Centering Method and Comparisons. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 1092-1101.	3.1	14

#	ARTICLE	IF	CITATIONS
19	The Dark World: A Tale of WASP-43b in Reflected Light with HST WFC3/UVIS. <i>Astronomical Journal</i> , 2021, 161, 269.	4.7	13
20	Back to “Normal” for the Disintegrating Planet Candidate KIC 12557548 b. <i>Astronomical Journal</i> , 2018, 156, 281.	4.7	6
21	Hiding in plain sight: observing planet-starspot crossings with the <i>James Webb Space Telescope</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5030-5045.	4.4	4
22	Default Parallels: The Science Potential of <i>JWST</i> Parallel Observations during TSO Primary Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 114504.	3.1	2
23	Spitzer/IRAC precision photometry: a machine learning approach. , 2018, , .		2
24	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. <i>Astrophysical Journal</i> , 2017, 834, 151.	4.5	1