

Joshua Wallace

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,359
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1367
citing authors

#	ARTICLE	IF	CITATIONS
1	First light of the Gemini Planet Imager. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12661-12666.	7.1	472
2	POLARIMETRY WITH THE GEMINI PLANET IMAGER: METHODS, PERFORMANCE AT FIRST LIGHT, AND THE CIRCUMSTELLAR RING AROUND HR 4796A. Astrophysical Journal, 2015, 799, 182.	4.5	139
3	Characterizing 51 Eri b from 1 to 5 μ m: A Partly Cloudy Exoplanet. Astronomical Journal, 2017, 154, 10.	4.7	110
4	ρ PICTORIS ^a ™ INNER DISK IN POLARIZED LIGHT AND NEW ORBITAL PARAMETERS FOR ρ PICTORIS b. Astrophysical Journal, 2015, 811, 18.	4.5	108
5	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. Astronomical Journal, 2017, 153, 264.	4.7	99
6	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. Astronomical Journal, 2017, 153, 244.	4.7	81
7	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. Astrophysical Journal Letters, 2016, 829, L4.	8.3	60
8	ANISOTROPIC LYMAN-ALPHA EMISSION. Astrophysical Journal, 2014, 794, 116.	4.5	47
9	Collisional Fragmentation Is Not a Barrier to Close-in Planet Formation. Astronomical Journal, 2017, 154, 175.	4.7	36
10	An Exo-“Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. Astrophysical Journal, 2019, 882, 64.	4.5	34
11	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet ρ Pictoris b from Combined Direct Imaging and Astrometry. Astronomical Journal, 2020, 159, 71.	4.7	29
12	DYNAMICAL MASS MEASUREMENT OF THE YOUNG SPECTROSCOPIC BINARY V343 NORMAE AaAb RESOLVED WITH THE GEMINI PLANET IMAGER. Astronomical Journal, 2016, 152, 175.	4.7	28
13	POINT SOURCE POLARIMETRY WITH THE GEMINI PLANET IMAGER: SENSITIVITY CHARACTERIZATION WITH T5.5 DWARF COMPANION HD 19467 B. Astrophysical Journal, 2016, 820, 111.	4.5	25
14	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. Astronomical Journal, 2016, 152, 128.	4.7	19
15	An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. Astronomical Journal, 2020, 159, 1.	4.7	16
16	Gemini Planet Imager Spectroscopy of the Dusty Substellar Companion HD 206893 B. Astronomical Journal, 2021, 161, 5.	4.7	16
17	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. Astronomical Journal, 2020, 159, 31.	4.7	12
18	A Search for Variable Stars in the Globular Cluster M4 with K2. Astrophysical Journal, Supplement Series, 2019, 244, 12.	7.7	9

#	ARTICLE	IF	CITATIONS
19	Ultralow-amplitude RR Lyrae Stars in M4. <i>Astrophysical Journal Letters</i> , 2019, 870, L7.	8.3	7
20	M4 Membership Catalog from Gaia Proper Motions. <i>Research Notes of the AAS</i> , 2018, 2, 213.	0.7	6
21	Performance of the Gemini Planet Imager Non-redundant Mask and Spectroscopy of Two Close-separation Binaries: HR 2690 and HD 142527. <i>Astronomical Journal</i> , 2019, 157, 249.	4.7	3
22	A Search for Transiting Planets in the Globular Cluster M4 with K2: Candidates and Occurrence Limits. <i>Astronomical Journal</i> , 2020, 159, 106.	4.7	3