

# 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	Gemini Planet Imager Spectroscopy of the Dusty Substellar Companion HD 206893 B. <i>Astronomical Journal</i> , 2021, 161, 5.	4.7	16
2	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
3	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet $\rho^2$ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020, 159, 71.	4.7	29
4	An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. <i>Astronomical Journal</i> , 2020, 159, 1.	4.7	16
5	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 159, 31.	4.7	12
6	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
7	An Exo-Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64.	4.5	34
8	A Search for Variable Stars in the Globular Cluster M4 with K2. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 12.	7.7	9
9	Ultralow-amplitude RR Lyrae Stars in M4. <i>Astrophysical Journal Letters</i> , 2019, 870, L7.	8.3	7
10	M4 Membership Catalog from Gaia Proper Motions. <i>Research Notes of the AAS</i> , 2018, 2, 213.	0.7	6
11	Characterizing 51 Eri b from 1 to 5 $\mu$ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	4.7	110
12	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. <i>Astronomical Journal</i> , 2017, 153, 244.	4.7	81
13	Collisional Fragmentation Is Not a Barrier to Close-in Planet Formation. <i>Astronomical Journal</i> , 2017, 154, 175.	4.7	36
14	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. <i>Astronomical Journal</i> , 2017, 153, 264.	4.7	99
15	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016, 829, L4.	8.3	60
16	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	4.7	19
17	DYNAMICAL MASS MEASUREMENT OF THE YOUNG SPECTROSCOPIC BINARY V343 NORMAE AaAb RESOLVED WITH THE GEMINI PLANET IMAGER. <i>Astronomical Journal</i> , 2016, 152, 175.	4.7	28
18	POINT SOURCE POLARIMETRY WITH THE GEMINI PLANET IMAGER: SENSITIVITY CHARACTERIZATION WITH T5.5 DWARF COMPANION HD 19467 B. <i>Astrophysical Journal</i> , 2016, 820, 111.	4.5	25

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19	<i>β</i> PICTORISâ€™ INNER DISK IN POLARIZED LIGHT AND NEW ORBITAL PARAMETERS FOR <i>β</i> PICTORIS. <i>Astrophysical Journal</i> , 2015, 811, 18.	4.5	108
20	POLARIMETRY WITH THE GEMINI PLANET IMAGER: METHODS, PERFORMANCE AT FIRST LIGHT, AND THE CIRCUMSTELLAR RING AROUND HR 4796A. <i>Astrophysical Journal</i> , 2015, 799, 182.	4.5	139
21	First light of the Gemini Planet Imager. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12661-12666.	7.1	472
22	ANISOTROPIC LYMAN-ALPHA EMISSION. <i>Astrophysical Journal</i> , 2014, 794, 116.	4.5	47