

# Jerry W Xuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5562823/publications.pdf>

Version: 2024-02-01

11  
papers

327  
citations

1040056

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1281871

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g-index

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11  
docs citations

11  
times ranked

571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observing Exoplanets with High-dispersion Coronagraphy. II. Demonstration of an Active Single-mode Fiber Injection Unit. <i>Astrophysical Journal</i> , 2017, 838, 92.	4.5	82
2	Reference Star Differential Imaging of Close-in Companions and Circumstellar Disks with the NIRC2 Vortex Coronagraph at the W. M. Keck Observatory. <i>Astronomical Journal</i> , 2019, 157, 118.	4.7	48
3	Evidence for a high mutual inclination between the cold Jupiter and transiting super Earth orbiting $\epsilon$ Men. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2096-2118.	4.4	42
4	Characterizing the Performance of the NIRC2 Vortex Coronagraph at W. M. Keck Observatory. <i>Astronomical Journal</i> , 2018, 156, 156.	4.7	40
5	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2021, 162, 148.	4.7	39
6	As the Worlds Turn: Constraining Spin Evolution in the Planetary-mass Regime. <i>Astrophysical Journal</i> , 2020, 905, 37.	4.5	17
7	Constraining the Orbit and Mass of epsilon Eridani b with Radial Velocities, Hipparcos IAD-Gaia DR2 Astrometry, and Multiepoch Vortex Coronagraphy Upper Limits. <i>Astronomical Journal</i> , 2021, 162, 181.	4.7	17
8	Retrieving the C and O Abundances of HR 7672 AB: A Solar-type Primary Star with a Benchmark Brown Dwarf. <i>Astronomical Journal</i> , 2022, 163, 189.	4.7	17
9	A Rotation Rate for the Planetary-mass Companion DH Tau b. <i>Astronomical Journal</i> , 2020, 159, 97.	4.7	13
10	Mutual inclinations between giant planets and their debris discs in HD 113337 and HD 38529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5059-5074.	4.4	8
11	Improving Planet Detection with Disk Modeling: Keck/NIRC2 Imaging of the HD 34282 Single-armed Protoplanetary Disk. <i>Astrophysical Journal Letters</i> , 2022, 924, L4.	8.3	4