

# Xiaoke Wan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,130  
citations

933447

10  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3095  
citing authors

#	ARTICLE	IF	CITATIONS
1	VERY LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. VI. A GIANT PLANET AND A BROWN DWARF CANDIDATE IN A CLOSE BINARY SYSTEM HD 87646. <i>Astronomical Journal</i> , 2016, 152, 112.	4.7	34
2	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. IV. A CANDIDATE BROWN DWARF OR LOW-MASS STELLAR COMPANION TO HIP 67526. <i>Astronomical Journal</i> , 2013, 146, 65.	4.7	30
3	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. <i>Astronomical Journal</i> , 2013, 145, 155.	4.7	38
4	VERY-LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. III. A SHORT-PERIOD BROWN DWARF CANDIDATE AROUND AN ACTIVE GOIV SUBGIANT. <i>Astronomical Journal</i> , 2013, 145, 20.	4.7	12
5	Dispersed single-phase-step Michelson interferometer for Doppler imaging using sunlight. <i>Optics Letters</i> , 2012, 37, 3912.	3.3	1
6	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. II. A SHORT-PERIOD COMPANION ORBITING AN F STAR WITH EVIDENCE OF A STELLAR TERTIARY AND SIGNIFICANT MUTUAL INCLINATION. <i>Astronomical Journal</i> , 2012, 144, 72.	4.7	16
7	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. I. A LOW-MASS RATIO STELLAR COMPANION TO TYC 4110-01037-1 IN A 79 DAY ORBIT. <i>Astronomical Journal</i> , 2012, 143, 107.	4.7	21
8	Accurate Group-Delay Measurement for Radial-Velocity Instruments Using the Dispersed Fixed-Delay Interferometer Method. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 598-605.	3.1	11
9	Accurate Group Delay Measurement for Radial Velocity Instruments Using the Dispersed Fixed Delay Interferometer Method. II. Application of Heterodyne Combs Using an External Interferometer Filter. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1159-1166.	3.1	6
10	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	4.7	1,700
11	Development of stable monolithic wide-field Michelson interferometers. <i>Applied Optics</i> , 2011, 50, 4105.	2.1	33
12	Scanning monochromatic spatial low-coherence interferometer. <i>Optics Letters</i> , 2011, 36, 3807.	3.3	0
13	MARVELS-1b: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH. <i>Astrophysical Journal</i> , 2011, 728, 32.	4.5	29
14	DISCOVERY OF A LOW-MASS COMPANION TO A METAL-RICH F STAR WITH THE MARVELS PILOT PROJECT. <i>Astrophysical Journal</i> , 2010, 718, 1186-1199.	4.5	41
15	Development of Monolithic Michelson Interferometer for RV measurement in IR. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
16	Accurate measurement of interferometer group delay using field-compensated scanning white light interferometer. <i>Applied Optics</i> , 2010, 49, 5645.	2.1	4
17	A new generation multi-object Doppler instrument for the SDSS-III Multi-object APO Radial Velocity Exoplanet Large-area Survey. <i>Proceedings of SPIE</i> , 2009, , .	0.8	16
18	Resolving fringe ambiguities of a wide-field Michelson interferometer using visibility measurements of a noncollimated laser beam. <i>Applied Optics</i> , 2009, 48, 4909.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Monolithic interferometer for high precision radial velocity measurements. Proceedings of SPIE, 2009, , .	0.8	3
20	An Inexpensive Field-Widened Monolithic Michelson Interferometer for Precision Radial Velocity Measurements. Publications of the Astronomical Society of the Pacific, 2008, 120, 1001-1015.	3.1	31
21	Monitoring fiber Bragg grating pair interferometer sensor with a modulated diode laser. Optics Communications, 2003, 218, 311-315.	2.1	7
22	Linearly chirped erbium-doped fiber laser. IEEE Photonics Technology Letters, 2003, 15, 188-190.	2.5	5
23	Spectrally scanned, repetitively pulsed erbium-doped fiber laser for spectral and temporal multiplexing of fiber Bragg grating sensors. Optics Letters, 2003, 28, 1648.	3.3	6
24	Intrinsic fiber Fabry-Perot temperature sensor with fiber Bragg grating mirrors. Optics Letters, 2002, 27, 1388.	3.3	77
25	Monitoring and multiplexing technique for interferometric fiber optic sensors with a linearly chirped Er: fiber laser. Applied Optics, 2002, 41, 7607.	2.1	4