

ChihChiang Han

List of Publications by Year in descending order

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38
papers

3,494
citations

623734

14
h-index

580821

25
g-index

38
all docs

38
docs citations

38
times ranked

2944
citing authors

#	ARTICLE	IF	CITATIONS
1	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
2	JCMT opens new eyes on the Universe. <i>Nature Astronomy</i> , 2021, 5, 331-332.	10.1	2
3	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54
4	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
5	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
6	The Greenland telescope: Thule operations. , 2018, , .		8
7	The first-light receivers for the Greenland Telescope. , 2018, , .		4
8	Control and monitoring system for the Greenland telescope: computers, network and software. , 2018, , .		3
9	Commissioning status of the Greenland telescope. , 2018, , .		4
10	A New Approach to Suppress the Effect of Machining Error for Waveguide Septum Circular Polarizer at 230 GHz Band in Radio Astronomy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 638-652.	2.2	10
11	AMiBA: CLUSTER SUNYAEV-ZELDOVICH EFFECT OBSERVATIONS WITH THE EXPANDED 13-ELEMENT ARRAY. <i>Astrophysical Journal</i> , 2016, 830, 91.	4.5	1
12	A wideband 240 GHz receiver for the submillimeter array. , 2016, , .		0
13	First-generation science cases for ground-based terahertz telescopes. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	2.5	12
14	Greenland telescope project: Direct confirmation of black hole with submillimeter VLBI. <i>Radio Science</i> , 2014, 49, 564-571.	1.6	39
15	Instrumentation for single-dish observations with The Greenland Telescope. , 2014, , .		4
16	PLATFORM DEFORMATION PHASE CORRECTION FOR THE AMiBA-13 COPLANAR INTERFEROMETER. <i>Astrophysical Journal</i> , 2013, 769, 71.	4.5	1
17	Greenland Telescope (GLT) Project. <i>EPJ Web of Conferences</i> , 2013, 61, 01008.	0.3	2
18	1.2 m Shielded Cassegrain Antenna for Close-Packed Radio Interferometer. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 198-212.	3.1	2

#	ARTICLE	IF	CITATIONS
19	AMiBA: SCALING RELATIONS BETWEEN THE INTEGRATED COMPTON- <i>y</i> AND X-RAY-DERIVED TEMPERATURE, MASS, AND LUMINOSITY. <i>Astrophysical Journal</i> , 2010, 716, 758-765.	4.5	14
20	AMiBA WIDEBAND ANALOG CORRELATOR. <i>Astrophysical Journal</i> , 2010, 716, 746-757.	4.5	17
21	AMiBA: SUNYAEV-ZEL'DOVICH EFFECT-DERIVED PROPERTIES AND SCALING RELATIONS OF MASSIVE GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2010, 713, 584-591.	4.5	7
22	CONTAMINATION OF THE CENTRAL SUNYAEV-ZEL'DOVICH DECREMENTS IN AMiBA GALAXY CLUSTER OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 720, 608-613.	4.5	3
23	Control characteristics of the ALMA Nutator. , 2010, , .		0
24	ARRAY FOR MICROWAVE BACKGROUND ANISOTROPY: OBSERVATIONS, DATA ANALYSIS, AND RESULTS FOR SUNYAEV-ZEL'DOVICH EFFECTS. <i>Astrophysical Journal</i> , 2009, 694, 1619-1628.	4.5	22
25	AMiBA: SYSTEM PERFORMANCE. <i>Astrophysical Journal</i> , 2009, 694, 1629-1636.	4.5	15
26	TESTS OF AMiBA DATA INTEGRITY. <i>Astrophysical Journal</i> , 2009, 694, 1637-1642.	4.5	14
27	AMiBA: BROADBAND HETERODYNE COSMIC MICROWAVE BACKGROUND INTERFEROMETRY. <i>Astrophysical Journal</i> , 2009, 694, 1664-1669.	4.5	25
28	MASS AND HOT BARYONS IN MASSIVE GALAXY CLUSTERS FROM SUBARU WEAK-LENSING AND AMiBA SUNYAEV-ZEL'DOVICH EFFECT OBSERVATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1643-1663.	4.5	99
29	A Novel automatic level control for gain stabilization in a radio interferometry. , 2009, , .		0
30	THE YUAN-TSEH LEE ARRAY FOR MICROWAVE BACKGROUND ANISOTROPY. <i>Astrophysical Journal</i> , 2009, 694, 1610-1618.	4.5	35
31	THE AMiBA HEXAPOD TELESCOPE MOUNT. <i>Astrophysical Journal</i> , 2009, 694, 1670-1684.	4.5	34
32	AMiBA: FIRST-YEAR RESULTS FOR SUNYAEV-ZEL'DOVICH EFFECT. <i>Modern Physics Letters A</i> , 2008, 23, 1675-1686.	1.2	6
33	THE YUAN TSEH LEE AMiBA PROJECT. <i>Modern Physics Letters A</i> , 2008, 23, 1243-1251.	1.2	2
34	AMiBA first year observation. , 2008, , .		3
35	Initial operation of the array for microwave background anisotropy (AMiBA). , 2006, 6275, 487.		3
36	W-band dual-polarization receiver for array of microwave background anisotropy (AMiBA). , 2004, , .		6

#	ARTICLE	IF	CITATIONS
37	A wideband analog correlator system for AMiBA. , 2004, 5498, 455.		17
38	Full-polarization W-band receiver for CMB detection. , 2003, 4855, 312.		2