

# Jiang-Tao Li

## List of Publications by Year in descending order

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75  
papers

2,874  
citations

201385

27  
h-index

174990

52  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2719  
citing authors

#	ARTICLE	IF	CITATIONS
1	CHANG-ES. XXIV. First Detection of a Radio Nuclear Ring and Potential LLAGN in NGC 5792. <i>Astrophysical Journal</i> , 2022, 927, 4.	1.6	8
2	CHANG-ES XXV: H&#x2013;imaging of nearby edge-on galaxies â€œ Data Release 4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1329-1353.	1.6	3
3	Influence of proppant physical properties on sand accumulation in hydraulic fractures. <i>Journal of Petroleum Exploration and Production</i> , 2022, 12, 1625-1632.	1.2	1
4	Hot Extended Galaxy Halos around Local L* Galaxies from Sunyaevâ€œZeldovich Measurements. <i>Astrophysical Journal</i> , 2022, 928, 14.	1.6	12
5	H i Vertical Structure of Nearby Edge-on Galaxies from CHANG-ES. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 085004.	0.7	4
6	Chandra Detection of Three X-Ray Bright Quasars at z&#x2264;5. <i>Astrophysical Journal</i> , 2021, 906, 135.	1.6	4
7	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021, 907, L1.	3.0	237
8	CHANG-ES XXIII: influence of a galactic wind in NGC&#x25775. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 658-684.	1.6	13
9	Revealing the Accretion Physics of Supermassive Black Holes at Redshift z &#x2264; 7 with Chandra and Infrared Observations. <i>Astrophysical Journal</i> , 2021, 908, 53.	1.6	35
10	A Chandra survey of z &#x2264; 4.5 quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2767-2782.	1.6	5
11	Probing the He re-ionization ERA via Absorbing C&#x2013; Historical Yield (HIERACHY) I: A strong outflow from a z &#x2264; 4.7 quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4444-4455.	1.6	2
12	Laboratory Experimental Optimization of Gel Flooding Parameters to Enhance Oil Recovery during Field Applications. <i>ACS Omega</i> , 2021, 6, 14968-14976.	1.6	3
13	10-m long slim sandpack experiments to investigate gel system transport behavior in porous media. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2009-2019.	1.2	0
14	An X-Ray- and SZ-bright Diffuse Source toward M31: A Local Hot Bridge. <i>Astrophysical Journal</i> , 2021, 907, 14.	1.6	7
15	Association of apolipoprotein Cs with new-onset type 2 diabetes mellitus: findings from the Chinese multi-provincial cohort study. <i>BMJ Open</i> , 2021, 11, e052388.	0.8	2
16	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at 6.3 &lt; z &#x2264; 7.64. <i>Astrophysical Journal</i> , 2021, 923, 262.	1.6	76
17	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2020, 639, A111.	2.1	18
18	CO<sub>2</sub> Huff-n-Puff after Surfactant-Assisted Imbibition to Enhance Oil Recovery for Tight Oil Reservoirs. <i>Energy &amp; Fuels</i> , 2020, 34, 7058-7066.	2.5	10

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19	Paniwłena: A Luminous $z=7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole. <i>Astrophysical Journal Letters</i> , 2020, 897, L14.	3.0	202
20	An X-ray view of the hot circumgalactic medium. <i>Astronomische Nachrichten</i> , 2020, 341, 177-183.	0.6	4
21	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2020, 639, A112.	2.1	38
22	HUBS: a dedicated hot circumgalactic medium explorer. , 2020, , .		26
23	The Warm Gas in the MW: A Kinematical Model. <i>Astrophysical Journal</i> , 2020, 894, 142.	1.6	13
24	A 60 kpc Galactic Wind Cone in NGC 3079. <i>Astrophysical Journal</i> , 2020, 903, 35.	1.6	17
25	CHANG-ES. XX. High-resolution Radio Continuum Images of Edge-on Galaxies and Their AGNs: Data Release 3. <i>Astronomical Journal</i> , 2019, 158, 21.	1.9	20
26	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at $6.4 \leq z \leq 6.9$ with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at $z \sim 6.7$ . <i>Astrophysical Journal</i> , 2019, 884, 30.	1.6	114
27	Exploring Reionization-era Quasars. IV. Discovery of Six New $z \sim 6.5$ Quasars with DES, VHS, and unWISE Photometry. <i>Astronomical Journal</i> , 2019, 157, 236.	1.9	82
28	CHANG-ES. XVII. H $\alpha$ Imaging of Nearby Edge-on Galaxies, New SFRs, and an Extreme Star Formation Region—Data Release 2. <i>Astrophysical Journal</i> , 2019, 881, 26.	1.6	16
29	Molecular Gas of the Most Massive Spiral Galaxies. I. A Case Study of NGC 5908. <i>Astrophysical Journal</i> , 2019, 877, 3.	1.6	6
30	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2019, 623, A33.	2.1	28
31	Linking energy metabolism and locomotor variation to osmoregulation in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 234, 58-67.	0.7	7
32	Detection of Nonthermal Hard X-Ray Emission from the “Fermi Bubble” in an External Galaxy. <i>Astrophysical Journal</i> , 2019, 873, 27.	1.6	15
33	Behavioural and physiological responses to low- and high-intensity locomotion in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 87-102.	0.7	6
34	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2019, 632, A12.	2.1	26
35	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2019, 632, A13.	2.1	18
36	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2019, 632, A10.	2.1	14

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37	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2019, 632, A11.	2.1	30
38	CHANG-ES: XVIIIâ€”The CHANG-ES Survey and Selected Results. <i>Galaxies</i> , 2019, 7, 42.	1.1	12
39	Chandra Survey of Nearby Highly Inclined Disk Galaxies. V. Emission Structure and Origin of Galactic Coronae. <i>Astrophysical Journal</i> , 2019, 885, 38.	1.6	6
40	The Discovery of a Gravitationally Lensed Quasar at $z=6.51$ . <i>Astrophysical Journal Letters</i> , 2019, 870, L11.	3.0	71
41	Effects of dissolved oxygen, starvation, temperature, and salinity on the locomotive ability of juvenile Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Ethology Ecology and Evolution</i> , 2019, 31, 155-172.	0.6	7
42	CHANG-ES â€” XI. Circular polarization in the cores of nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5057-5074.	1.6	6
43	Baryon Budget of the Hot Circumgalactic Medium of Massive Spiral Galaxies. <i>Astrophysical Journal Letters</i> , 2018, 855, L24.	3.0	40
44	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. <i>Astrophysical Journal Letters</i> , 2018, 869, L9.	3.0	82
45	The Hot, Accreted Halo of NGC 891. <i>Astrophysical Journal</i> , 2018, 866, 126.	1.6	27
46	Effects of acute and chronic hypoxia on the locomotion and enzyme of energy metabolism in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2018, 51, 275-291.	0.4	7
47	Spatially Resolved Broadband Synchrotron Emission from the Nonthermal Limbs of SN1006. <i>Astrophysical Journal</i> , 2018, 864, 85.	1.6	10
48	CHANG-ES. <i>Astronomy and Astrophysics</i> , 2018, 611, A72.	2.1	55
49	Molecular Gas toward Supernova Remnant Cassiopeia A. <i>Astrophysical Journal</i> , 2018, 865, 6.	1.6	16
50	The Extended Distribution of Baryons around Galaxies. <i>Astrophysical Journal</i> , 2018, 862, 3.	1.6	97
51	Pd loaded and covalent-organic framework involved chitosan aerogels and their application for a continuous flow-through aqueous CB decontamination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11140-11146.	5.2	64
52	Pd NP-Loaded and Covalently Cross-Linked COF Membrane Microreactor for Aqueous CBs Dechlorination at Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20448-20457.	4.0	70
53	CHANG-ES X: Spatially Resolved Separation of Thermal Contribution from Radio Continuum Emission in Edge-on Galaxies. <i>Astrophysical Journal</i> , 2018, 853, 128.	1.6	21
54	Bifunctional Imidazolium-Based Ionic Liquid Decorated UiO-67 Type MOF for Selective CO <sub>2</sub> Adsorption and Catalytic Property for CO <sub>2</sub> Cycloaddition with Epoxides. <i>Inorganic Chemistry</i> , 2017, 56, 2337-2344.	1.9	226

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55	First Discoveries of $z > 6$ Quasars with the DECam Legacy Survey and UKIRT Hemisphere Survey. <i>Astrophysical Journal</i> , 2017, 839, 27.	1.6	69
56	Differences in swimming ability and its response to starvation among male and female <i>Gambusia affinis</i> . <i>Biology Open</i> , 2017, 6, 625-632.	0.6	8
57	Chemically Cross-Linked MOF Membrane Generated from Imidazolium-Based Ionic Liquid-Decorated UiO-66 Type NMOF and Its Application toward $\text{CO}_2$ Separation and Conversion. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38919-38930.	4.0	83
58	CHANG-ES " VIII. Uncovering hidden AGN activity in radio polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1333-1346.	1.6	21
59	The Circum-Galactic Medium of Massive Spirals. II. Probing the Nature of Hot Gaseous Halo around the Most Massive Isolated Spiral Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 20.	3.0	52
60	<i>XMM-Newton</i> large programme on SN1006 " II. Thermal emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 158-166.	1.6	6
61	CHANG-ES " VI. Probing Supernova energy deposition in spiral galaxies through multiwavelength relationships. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1723-1738.	1.6	34
62	<i>Chandra</i> survey of nearby highly inclined disk galaxies " IV. New insights into the working of stellar feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1385-1392.	1.6	18
63	THE CIRCUM-GALACTIC MEDIUM OF MASSIVE SPIRALS. I. AN OVERVIEW AND A CASE STUDY OF NGC 5908. <i>Astrophysical Journal</i> , 2016, 830, 134.	1.6	18
64	Do we detect the galactic feedback material in X-ray observations of nearby galaxies? " a case study of NGC 5866. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1062-1069.	1.6	13
65	<i>XMM-Newton</i> large program on SN1006 " I. Methods and initial results of spatially resolved spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3954-3975.	1.6	14
66	CHANG-ES. IV. RADIO CONTINUUM EMISSION OF 35 EDGE-ON GALAXIES OBSERVED WITH THE KARL G. JANSKY VERY LARGE ARRAY IN D CONFIGURATION" DATA RELEASE 1. <i>Astronomical Journal</i> , 2015, 150, 81.	1.9	93
67	<i>Chandra</i> survey of nearby highly inclined disc galaxies " III. Comparison with hydrodynamical simulations of circumgalactic coronae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 859-869.	1.6	28
68	Apoptosis in human hepatoma HepG2 cells induced by corn peptides and its anti-tumor efficacy in H22 tumor bearing mice. <i>Food and Chemical Toxicology</i> , 2013, 51, 297-305.	1.8	79
69	<i>Chandra</i> survey of nearby highly inclined disc galaxies " I. X-ray measurements of galactic coronae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2085-2108.	1.6	92
70	<i>Chandra</i> survey of nearby highly inclined disc galaxies " II. Correlation analysis of galactic coronal properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3071-3084.	1.6	57
71	CONTINUUM HALOS IN NEARBY GALAXIES: AN EVLA SURVEY (CHANG-ES). II. FIRST RESULTS ON NGC 4631. <i>Astronomical Journal</i> , 2012, 144, 44.	1.9	36
72	CONTINUUM HALOS IN NEARBY GALAXIES: AN EVLA SURVEY (CHANG-ES). I. INTRODUCTION TO THE SURVEY. <i>Astronomical Journal</i> , 2012, 144, 43.	1.9	79

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73	DYNAMIC S0 GALAXIES. II. THE ROLE OF DIFFUSE HOT GAS. <i>Astrophysical Journal</i> , 2011, 737, 41.	1.6	27
74	DYNAMIC S0 GALAXIES: A CASE STUDY OF NGC 5866. <i>Astrophysical Journal</i> , 2009, 706, 693-704.	1.6	23
75	<i>Chandra</i> observation of the edge-on spiral NGC 5775: probing the hot galactic disc/halo connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 59-70.	1.6	83