

# Yang Su

## List of Publications by Year in descending order

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44  
papers

795  
citations

516710

16  
h-index

526287

27  
g-index

45  
all docs

45  
docs citations

45  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	CAVITY OF MOLECULAR GAS ASSOCIATED WITH SUPERNOVA REMNANT 3C 397. <i>Astrophysical Journal</i> , 2010, 712, 1147-1156.	4.5	106
2	The Milky Way Imaging Scroll Painting (MWISP): Project Details and Initial Results from the Galactic Longitudes of $25.8^{\circ}$ – $49.7^{\circ}$ . <i>Astrophysical Journal</i> , Supplement Series, 2019, 240, 9.	7.7	96
3	AChandraACIS View of the Thermal Composite Supernova Remnant 3C 391. <i>Astrophysical Journal</i> , 2004, 616, 885-894.	4.5	43
4	DISCOVERY OF MOLECULAR SHELLS ASSOCIATED WITH SUPERNOVA REMNANTS. II. KESTEVEN 75. <i>Astrophysical Journal</i> , 2009, 694, 376-386.	4.5	39
5	MOLECULAR ENVIRONMENT AND THERMAL X-RAY SPECTROSCOPY OF THE SEMICIRCULAR YOUNG COMPOSITE SUPERNOVA REMNANT 3C 396. <i>Astrophysical Journal</i> , 2011, 727, 43.	4.5	38
6	DISCOVERY OF MOLECULAR SHELLS ASSOCIATED WITH SUPERNOVA REMNANTS. I. KESTEVEN 69. <i>Astrophysical Journal</i> , 2009, 691, 516-524.	4.5	33
7	L1188: A Promising Candidate for Cloud–Cloud Collisions Triggering the Formation of Low- and Intermediate-mass Stars. <i>Astrophysical Journal Letters</i> , 2017, 835, L14.	8.3	30
8	MOLECULAR ENVIRONMENT OF THE SUPERNOVA REMNANT IC 443: DISCOVERY OF THE MOLECULAR SHELLS SURROUNDING THE REMNANT. <i>Astrophysical Journal</i> , 2014, 788, 122.	4.5	26
9	Distances and Statistics of Local Molecular Clouds in the First Galactic Quadrant. <i>Astrophysical Journal</i> , 2020, 898, 80.	4.5	23
10	Molecular Clouds in the Extreme Outer Galaxy between $l=34.75$ to $45.25$ . <i>Astrophysical Journal</i> , Supplement Series, 2017, 230, 17.	7.7	21
11	THE DENSE FILAMENTARY GIANT MOLECULAR CLOUD G23.0–0.4: BIRTHPLACE OF ONGOING MASSIVE STAR FORMATION. <i>Astrophysical Journal</i> , 2015, 811, 134.	4.5	20
12	The Large-scale Interstellar Medium of SS 433/W50 Revisited. <i>Astrophysical Journal</i> , 2018, 863, 103.	4.5	19
13	INTERACTION BETWEEN SUPERNOVA REMNANT G22.7–0.2 AND THE AMBIENT MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2014, 796, 122.	4.5	17
14	Molecular Cloud Distances Based on the MWISP CO Survey and <i>Gaia</i> DR2. <i>Astrophysical Journal</i> , 2019, 885, 19.	4.5	17
15	Is HESS J1912+101 Associated with an Old Supernova Remnant?. <i>Astrophysical Journal</i> , 2017, 845, 48.	4.5	16
16	Gamma-ray heartbeat powered by the microquasar SS 433. <i>Nature Astronomy</i> , 2020, 4, 1177-1184.	10.1	16
17	Investigating the Nature of MGRO J1908+06 with Multiwavelength Observations. <i>Astrophysical Journal Letters</i> , 2021, 913, L33.	8.3	16
18	A Large-scale $^{12}\text{CO}$ , $^{13}\text{CO}$ , and $\text{C}^{18}\text{O}$ Molecular Cloud Survey in the Outer Galactic Plane over $l=[129.75, 140.25]$ and $b=[-5.25, +5.25]$ . <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 7.		16

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19	THE DISTANT OUTER GAS ARM BETWEEN $l = 35^\circ$ AND $l = 45^\circ$ . <i>Astrophysical Journal</i> , 2016, 828, 59.	4.5	15
20	Molecular Environments of Three Large Supernova Remnants in the Third Galactic Quadrant: G205.5+0.5, G206.9+2.3, and G213.0-0.6. <i>Astrophysical Journal</i> , 2017, 836, 211.	4.5	15
21	INTERACTION BETWEEN THE SUPERNOVA REMNANT HB 3 AND THE NEARBY STAR-FORMING REGION W3. <i>Astrophysical Journal</i> , 2016, 833, 4.	4.5	14
22	Molecular Gas Distribution Perpendicular to the Galactic Plane. <i>Astrophysical Journal</i> , 2021, 910, 131.	4.5	13
23	Searching for Molecular Outflows with Support Vector Machines: The Dark Cloud Complex in Cygnus. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 15.	7.7	13
24	A Morphological Classification of 18,190 Molecular Clouds Identified in $^{12}\text{CO}$ Data from the MWISP Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 51.	7.7	13
25	DISCOVERY OF A PRE-EXISTING MOLECULAR FILAMENT ASSOCIATED WITH SUPERNOVA REMNANT G127.1+0.5. <i>Astrophysical Journal</i> , 2014, 791, 109.	4.5	12
26	Distances to molecular clouds in the second Galactic quadrant. <i>Astronomy and Astrophysics</i> , 2021, 645, A129.	5.1	11
27	Molecular Environments of Supernova Remnants. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 170-177.	0.0	9
28	Molecular Gas toward the Gemini OB1 Molecular Cloud Complex. III. Chemical Abundance. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 25.	7.7	9
29	SNR G39.2+0.3, an hadronic cosmic rays accelerator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3581-3590.	4.4	9
30	Local Molecular Gas toward the Aquila Rift Region. <i>Astrophysical Journal</i> , 2020, 893, 91.	4.5	9
31	On the Beam Filling Factors of Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 910, 109.	4.5	9
32	Detailed Thermal and Nonthermal Processes in an A-class Microflare. <i>Astrophysical Journal</i> , 2022, 930, 147.	4.5	9
33	Molecular Gas toward the Gemini OB1 Molecular Cloud Complex. I. Observation Data. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 5.	7.7	8
34	Examinations of CO Completeness Based on Three Independent CO Surveys. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 32.	7.7	7
35	A cold and diffuse giant molecular filament in the region of $l = 41^\circ$ , $b = -1^\circ$ . <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 143.	1.7	7
36	Fermi-LAT Detection of Extended Gamma-Ray Emission in the Vicinity of SNR G045.7-00.4: Evidence of Escaping Cosmic Rays Interacting with the Surrounding Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 923, 106.	4.5	6

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37	Improved Measurements of Molecular Cloud Distances Based on Global Search. <i>Astrophysical Journal</i> , 2021, 922, 8.	4.5	4
38	The heart-shaped supernova remnant 3C 391 viewed in multi-bands. <i>Advances in Space Research</i> , 2008, 41, 401-406.	2.6	3
39	Dependence of Molecular Cloud Samples on Angular Resolution, Sensitivity, and Algorithms. <i>Astronomical Journal</i> , 2022, 164, 55.	4.7	3
40	Molecular Clouds Surrounding Supernova Remnant G43.9+1.6: Associated and Nonassociated. <i>Astrophysical Journal</i> , 2020, 900, 155.	4.5	2
41	Feedback from $\hat{1}^3$ Cassiopeiae: Large Expanding Cavity, Accelerating Cometary Globules, and Peculiar X-Ray Emission. <i>Astrophysical Journal</i> , 2021, 922, 183.	4.5	2
42	The exceptional aspects of the confined X-class flares of solar active region 2192. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 60-63.	0.0	0
43	Molecular clouds in the Extreme Outer Galaxy. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 187-188.	0.0	0
44	CO Emission Delineating the Interface between the Milky Way Nuclear Wind Cavity and the Gaseous Disk. <i>Astrophysical Journal</i> , 2022, 930, 112.	4.5	0