Yang Su

List of Publications by Year
in descending order

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44	795	516710 16	526287 27
papers	citations	h-index	g-index

45	45	45	947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CO Emission Delineating the Interface between the Milky Way Nuclear Wind Cavity and the Gaseous Disk. Astrophysical Journal, 2022, 930, 112.	4.5	0
2	Detailed Thermal and Nonthermal Processes in an A-class Microflare. Astrophysical Journal, 2022, 930, 147.	4.5	9
3	Dependence of Molecular Cloud Samples on Angular Resolution, Sensitivity, and Algorithms. Astronomical Journal, 2022, 164, 55.	4.7	3
4	Distances to molecular clouds in the second Galactic quadrant. Astronomy and Astrophysics, 2021, 645, A129.	5.1	11
5	Molecular Gas Distribution Perpendicular to the Galactic Plane. Astrophysical Journal, 2021, 910, 131.	4.5	13
6	On the Beam Filling Factors of Molecular Clouds. Astrophysical Journal, 2021, 910, 109.	4.5	9
7	Investigating the Nature of MGRO J1908+06 with Multiwavelength Observations. Astrophysical Journal Letters, 2021, 913, L33.	8.3	16
8	Examinations of CO Completeness Based on Three Independent CO Surveys. Astrophysical Journal, Supplement Series, 2021, 256, 32.	7.7	7
9	Improved Measurements of Molecular Cloud Distances Based on Global Search. Astrophysical Journal, 2021, 922, 8.	4.5	4
10	Feedback from Î³ Cassiopeiae: Large Expanding Cavity, Accelerating Cometary Globules, and Peculiar X-Ray Emission. Astrophysical Journal, 2021, 922, 183.	4.5	2
11	A Morphological Classification of 18,190 Molecular Clouds Identified in ¹²CO Data from the MWISP Survey. Astrophysical Journal, Supplement Series, 2021, 257, 51.	7.7	13
12	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. Astrophysical Journal, 2021, 923, 106.	4.5	6
13	SNR G39.2â^'0.3, an hadronic cosmic rays accelerator. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3581-3590.	4.4	9
14	Gamma-ray heartbeat powered by the microquasar SS 433. Nature Astronomy, 2020, 4, 1177-1184.	10.1	16
15	Local Molecular Gas toward the Aquila Rift Region. Astrophysical Journal, 2020, 893, 91.	4.5	9
16	Distances and Statistics of Local Molecular Clouds in the First Galactic Quadrant. Astrophysical Journal, 2020, 898, 80.	4.5	23
17	A Large-scale ¹²CO, ¹³CO, and C¹⁸O Molecular Cloud Survey in the Outer Galactic Plane over lÂ=Â[129.Â°75, 140.Â°25] and bÂ=Â[â^'5.Â°25, +5.Â°25]. Astrophysical Journal, Supplement Series, 2020, 246, 7.	7.7	16
18	Searching for Molecular Outflows with Support Vector Machines: The Dark Cloud Complex in Cygnus. Astrophysical Journal, Supplement Series, 2020, 248, 15.	7.7	13

#	Article	IF	Citations
19	Molecular Clouds Surrounding Supernova Remnant G43.9+1.6: Associated and Nonassociated. Astrophysical Journal, 2020, 900, 155.	4.5	2
20	A cold and diffuse giant molecular filament in the region of l = 41Â°, b = â^'1Â°. Research in Astronomy and Astrophysics, 2020, 20, 143.	1.7	7
21	Molecular Gas toward the Gemini OB1 Molecular Cloud Complex. III. Chemical Abundance. Astrophysical Journal, Supplement Series, 2019, 243, 25.	7.7	9
22	The Milky Way Imaging Scroll Painting (MWISP): Project Details and Initial Results from the Galactic Longitudes of 25.Â°8â€“49.Â°7. Astrophysical Journal, Supplement Series, 2019, 240, 9.	7.7	96
23	Molecular Cloud Distances Based on the MWISP CO Survey and Gaia DR2. Astrophysical Journal, 2019, 885, 19.	4.5	17
24	The Large-scale Interstellar Medium of SS 433/W50 Revisited. Astrophysical Journal, 2018, 863, 103.	4.5	19
25	Molecular Environments of ThreeÂLarge Supernova Remnants in the Third Galactic Quadrant: G205.5+0.5, G206.9+2.3, and G213.0â€“0.6. Astrophysical Journal, 2017, 836, 211.	4.5	15
26	Molecular Gas toward the Gemini OB1 Molecular Cloud Complex. I. Observation Data. Astrophysical Journal, Supplement Series, 2017, 230, 5.	7.7	8
27	Molecular Clouds in the Extreme Outer Galaxy between lÂ=Â34.Â°75 to 45.Â°25. Astrophysical Journal, Supplement Series, 2017, 230, 17.	7.7	21
28	L1188: A Promising Candidate for Cloudâ€“Cloud Collisions Triggering the Formation of Low- and Intermediate-mass Stars. Astrophysical Journal Letters, 2017, 835, L14.	8.3	30
29	Is HESS J1912+101 Associated with an Old Supernova Remnant?. Astrophysical Journal, 2017, 845, 48.	4.5	16
30	Molecular clouds in the Extreme Outer Galaxy. Proceedings of the International Astronomical Union, 2017, 13, 187-188.	0.0	0
31	INTERACTION BETWEEN THE SUPERNOVA REMNANT HB 3 AND THE NEARBY STAR-FORMING REGION W3. Astrophysical Journal, 2016, 833, 4.	4.5	14
32	THE DISTANT OUTER GAS ARM BETWEEN lÂ=Â35Â° AND lÂ=Â45Â°. Astrophysical Journal, 2016, 828, 59.	4.5	15
33	THE DENSE FILAMENTARY GIANT MOLECULAR CLOUD G23.0â€“0.4: BIRTHPLACE OF ONGOING MASSIVE STAR FORMATION. Astrophysical Journal, 2015, 811, 134.	4.5	20
34	The exceptional aspects of the confined X-class flares of solar active region 2192. Proceedings of the International Astronomical Union, 2015, 11, 60-63.	0.0	0
35	INTERACTION BETWEEN SUPERNOVA REMNANT G22.7â€“0.2 AND THE AMBIENT MOLECULAR CLOUDS. Astrophysical Journal, 2014, 796, 122.	4.5	17
36	DISCOVERY OF A PRE-EXISTING MOLECULAR FILAMENT ASSOCIATED WITH SUPERNOVA REMNANT G127.1+0.5. Astrophysical Journal, 2014, 791, 109.	4.5	12

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37	MOLECULAR ENVIRONMENT OF THE SUPERNOVA REMNANT IC 443: DISCOVERY OF THE MOLECULAR SHELLS SURROUNDING THE REMNANT. Astrophysical Journal, 2014, 788, 122.	4.5	26
38	Molecular Environments of Supernova Remnants. Proceedings of the International Astronomical Union, 2013, 9, 170-177.	0.0	9
39	MOLECULAR ENVIRONMENT AND THERMAL X-RAY SPECTROSCOPY OF THE SEMICIRCULAR YOUNG COMPOSITE SUPERNOVA REMNANT 3C 396. Astrophysical Journal, 2011, 727, 43.	4.5	38
40	CAVITY OF MOLECULAR GAS ASSOCIATED WITH SUPERNOVA REMNANT 3C 397. Astrophysical Journal, 2010, 712, 1147-1156.	4.5	106
41	DISCOVERY OF MOLECULAR SHELLS ASSOCIATED WITH SUPERNOVA REMNANTS. I. KESTEVEN 69. Astrophysical Journal, 2009, 691, 516-524.	4.5	33
42	DISCOVERY OF MOLECULAR SHELLS ASSOCIATED WITH SUPERNOVA REMNANTS. II. KESTEVEN 75. Astrophysical Journal, 2009, 694, 376-386.	4.5	39
43	The heart-shaped supernova remnant 3C 391 viewed in multi-bands. Advances in Space Research, 2008, 41, 401-406.	2.6	3
44	AChandraACIS View of the Thermal Composite Supernova Remnant 3C 391. Astrophysical Journal, 2004, 616, 885-894.	4.5	43