Mark Morris

List of Publications by Year
in descending order

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360 papers	19,939 citations	12322 69 h-index	12933 131 g-index
367 all docs	367 docs citations	367 times ranked	7156 citing authors

#	Article	IF	Citations
1	Measuring Distance and Properties of the Milky Wayâ€™s Central Supermassive Black Hole with Stellar Orbits. Astrophysical Journal, 2008, 689, 1044-1062.	1.6	1,207
2	THE GALACTIC CENTER ENVIRONMENT. Annual Review of Astronomy and Astrophysics, 1996, 34, 645-701.	8.1	741
3	ChandraXâ€Ray Spectroscopic Imaging of Sagittarius A* and the Central Parsec of the Galaxy. Astrophysical Journal, 2003, 591, 891-915.	1.6	633
4	Stellar Orbits around the Galactic Center Black Hole. Astrophysical Journal, 2005, 620, 744-757.	1.6	609
5	High Properâ€Motion Stars in the Vicinity of Sagittarius A*: Evidence for a Supermassive Black Hole at the Center of Our Galaxy. Astrophysical Journal, 1998, 509, 678-686.	1.6	559
6	The First Measurement of Spectral Lines in a Short-Period Star Bound to the Galaxyâ€™s Central Black Hole: A Paradox of Youth. Astrophysical Journal, 2003, 586, L127-L131.	1.6	538
7	Massive star formation near the Galactic center and the fate of the stellar remnants. Astrophysical Journal, 1993, 408, 496.	1.6	329
8	Hubble Space Telescope/NICMOS Observations of Massive Stellar Clusters near the Galactic Center. Astrophysical Journal, 1999, 525, 750-758.	1.6	327
9	Large, highly organized radio structures near the galactic centre. Nature, 1984, 310, 557-561.	13.7	322
10	Mass loss from evolved stars. III - Mass loss rates for fifty stars from CO J = 1-0 observations. Astrophysical Journal, 1985, 292, 640.	1.6	316
11	Massive Stars in the Quintuplet Cluster. Astrophysical Journal, 1999, 514, 202-220.	1.6	293
12	Relativistic redshift of the star S0-2 orbiting the Galactic Center supermassive black hole. Science, 2019, 365, 664-668.	6.0	270
13	A DISK OF YOUNG STARS AT THE GALACTIC CENTER AS DETERMINED BY INDIVIDUAL STELLAR ORBITS. Astrophysical Journal, 2009, 690, 1463-1487.	1.6	266
14	AN IMPROVED DISTANCE AND MASS ESTIMATE FOR SGR A* FROM A MULTISTAR ORBIT ANALYSIS. Astrophysical Journal, 2016, 830, 17.	1.6	265
15	Massive Stars in the Arches Cluster. Astrophysical Journal, 2002, 581, 258-275.	1.6	261
16	The large system of molecular clouds in Orion and Monoceros. Astrophysical Journal, 1986, 303, 375.	1.6	239
17	STELLAR POPULATIONS IN THE CENTRAL 0.5 pc OF THE GALAXY. II. THE INITIAL MASS FUNCTION. Astrophysical Journal, 2013, 764, 155.	1.6	232
18	Bipolar Preâ€“Planetary Nebulae: Hydrodynamics of Dusty Winds in Binary Systems. II. Morphology of the Circumstellar Envelopes. Astrophysical Journal, 1999, 523, 357-380.	1.6	231

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19	Variable Infrared Emission from the Supermassive Black Hole at the Center of the Milky Way. Astrophysical Journal, 2004, 601, L159-L162.	1.6	229
20	EARLY SCIENCE WITH SOFIA, THE STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY. Astrophysical Journal Letters, 2012, 749, L17.	3.0	226
21	Mechanisms for mass loss from cool stars. Publications of the Astronomical Society of the Pacific, 1987, 99, 1115.	1.0	211
22	A Neutron Star with a Massive Progenitor in Westerlund 1. Astrophysical Journal, 2006, 636, L41-L44.	1.6	207
23	Diffuse Xâ€Ray Emission in a DeepChandraImage of the Galactic Center. Astrophysical Journal, 2004, 613, 326-342.	1.6	188
24	A DeepChandraCatalog of Xâ€Ray Point Sources toward the Galactic Center. Astrophysical Journal, 2003, 589, 225-241.	1.6	182
25	The Shortest-Knownâ€“Period Star Orbiting Our Galaxyâ€™s Supermassive Black Hole. Science, 2012, 338, 84-87.	6.0	179
26	Testing General Relativity with Stellar Orbits around the Supermassive Black Hole in Our Galactic Center. Physical Review Letters, 2017, 118, 211101.	2.9	173
27	AChandraStudy of Sagittarius A East: A Supernova Remnant Regulating the Activity of Our Galactic Center?. Astrophysical Journal, 2002, 570, 671-687.	1.6	171
28	An Overabundance of Transient X-Ray Binaries within 1 Parsec of the Galactic Center. Astrophysical Journal, 2005, 622, L113-L116.	1.6	168
29	Structural details of the Sagittarius A complex - Evidence for a large-scale poloidal magnetic field in the Galactic center region. Astrophysical Journal, 1987, 320, 545.	1.6	167
30	An Xâ€Ray, Infrared, and Submillimeter Flare of Sagittarius A*. Astrophysical Journal, 2008, 682, 373-383.	1.6	158
31	The Galactic Center: The Largest Oxygenâ€bearing Organic Molecule Repository. Astrophysical Journal, 2008, 672, 352-360.	1.6	150
32	An Extended Star Formation History for the Galactic Center fromHubble Space TelescopeNICMOS Observations. Astrophysical Journal, 2004, 601, 319-339.	1.6	150
33	A CATALOG OF X-RAY POINT SOURCES FROM TWO MEGASECONDS OF CHANDRA OBSERVATIONS OF THE GALACTIC CENTER. Astrophysical Journal, Supplement Series, 2009, 181, 110-128.	3.0	147
34	YOUNG PLANETARY NEBULAE:HUBBLE SPACE TELESCOPEIMAGING AND A NEW MORPHOLOGICAL CLASSIFICATION SYSTEM. Astronomical Journal, 2011, 141, 134.	1.9	145
35	Bipolar Preplanetary Nebulae: Hydrodynamics of Dusty Winds in Binary Systems. I. Formation of Accretion Disks. Astrophysical Journal, 1998, 497, 303-329.	1.6	144
36	Preplanetary Nebulae: AHubble Space TelescopeImaging Survey and a New Morphological Classification System. Astronomical Journal, 2007, 134, 2200-2225.	1.9	143

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37	HIGH ANGULAR RESOLUTION INTEGRAL-FIELD SPECTROSCOPY OF THE GALAXY'S NUCLEAR CLUSTER: A MISSING STELLAR CUSP?. Astrophysical Journal, 2009, 703, 1323-1337.	1.6	143
38	Bipolar reflection nebulae - Monte Carlo simulations. Astrophysical Journal, 1984, 278, 186.	1.6	138
39	The Pistol Star. Astrophysical Journal, 1998, 506, 384-404.	1.6	137
40	PROPERTIES OF THE REMNANT CLOCKWISE DISK OF YOUNG STARS IN THE GALACTIC CENTER. Astrophysical Journal, 2014, 783, 131.	1.6	129
41	The linear filaments of the radio arc near the Galactic center. Astrophysical Journal, 1987, 322, 721.	1.6	124
42	G0.18-0.04 - Interaction of thermal and nonthermal radio structures in the arc near the galactic center. Astronomical Journal, 1987, 94, 1178.	1.9	122
43	The First Laser Guide Star Adaptive Optics Observations of the Galactic Center: Sgr A*â€™s Infrared Color and the Extended Red Emission in its Vicinity. Astrophysical Journal, 2005, 635, 1087-1094.	1.6	118
44	A NEAR-INFRARED VARIABILITY STUDY OF THE GALACTIC BLACK HOLE: A RED NOISE SOURCE WITH NO DETECTED PERIODICITY. Astrophysical Journal, 2009, 691, 1021-1034.	1.6	118
45	Models for the structure and origin of bipolar nebulae. Astrophysical Journal, 1981, 249, 572.	1.6	112
46	FADING HARD X-RAY EMISSION FROM THE GALACTIC CENTER MOLECULAR CLOUD Sgr B2. Astrophysical Journal, 2010, 719, 143-150.	1.6	108
47	A Constant Spectral Index for Sagittarius A* during Infrared/Xâ€Ray Intensity Variations. Astrophysical Journal, 2007, 667, 900-910.	1.6	107
48	DYNAMICS OF IONIZED GAS AT THE GALACTIC CENTER: VERY LARGE ARRAY OBSERVATIONS OF THE THREE-DIMENSIONAL VELOCITY FIELD AND LOCATION OF THE IONIZED STREAMS IN SAGITTARIUS A WEST. Astrophysical Journal, 2009, 699, 186-214.	1.6	100
49	STELLAR POPULATIONS IN THE CENTRAL 0.5 pc OF THE GALAXY. I. A NEW METHOD FOR CONSTRUCTING LUMINOSITY FUNCTIONS AND SURFACE-DENSITY PROFILES. Astrophysical Journal, 2013, 764, 154.	1.6	99
50	A Radio Polarimetric Study of the Galactic Center Threads. Astrophysical Journal, 1999, 526, 727-743.	1.6	97
51	The Spectra and Variability of Xâ€Ray Sources in a DeepChandraObservation of the Galactic Center. Astrophysical Journal, 2004, 613, 1179-1201.	1.6	95
52	Sustained star formation in the central stellar cluster of the Milky Way. Nature, 1996, 382, 602-604.	13.7	90
53	Dynamical Friction on Star Clusters near the Galactic Center. Astrophysical Journal, 2003, 597, 312-322.	1.6	88
54	TheXMMâ€“Newtonview of the central degrees of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2015, 453, 172-213.	1.6	87

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55	Variability Timescale and Spectral Index of Sgr A* in the Near Infrared: Approximate Bayesian Computation Analysis of the Variability of the Closest Supermassive Black Hole. Astrophysical Journal, 2018, 863, 15.	1.6	83
56	An X-ray chimney extending hundreds of parsecs above and below the Galactic Centre. Nature, 2019, 567, 347-350.	13.7	82
57	DETECTION OF GALACTIC CENTER SOURCE G2 AT 3.8 Î¼m DURING PERIAPSE PASSAGE. Astrophysical Journal Letters, 2014, 796, L8.	3.0	81
58	The Proper Motion of the Arches Cluster with Keck Laserâ€Guide Star Adaptive Optics. Astrophysical Journal, 2008, 675, 1278-1292.	1.6	78
59	KECK OBSERVATIONS OF THE GALACTIC CENTER SOURCE G2: GAS CLOUD OR STAR?. Astrophysical Journal Letters, 2013, 773, L13.	3.0	77
60	Nâ€Body Simulations of Compact Young Clusters near the Galactic Center. Astrophysical Journal, 2000, 545, 301-308.	1.6	76
61	Intraday Variability of Sagittarius A* at 3 Millimeters. Astrophysical Journal, 2005, 623, L25-L28.	1.6	76
62	PROPER MOTIONS OF THE ARCHES CLUSTER WITH KECK LASER GUIDE STAR ADAPTIVE OPTICS: THE FIRST KINEMATIC MASS MEASUREMENT OF THE ARCHES. Astrophysical Journal, 2012, 751, 132.	1.6	75
63	Cyanoacetylene in dense interstellar clouds. Astrophysical Journal, 1976, 205, 82.	1.6	75
64	NEAR-INFRARED COUNTERPARTS TOCHANDRAX-RAY SOURCES TOWARD THE GALACTIC CENTER. II. DISCOVERY OF WOLF-RAYET STARS AND O SUPERGIANTS. Astrophysical Journal, 2010, 710, 706-728.	1.6	74
65	Dynamical Friction on Galactic Center Star Clusters with an Intermediate-Mass Black Hole. Astrophysical Journal, 2004, 607, L123-L126.	1.6	73
66	Polarized NIR and X-ray flares from Sagittarius A*. Astronomy and Astrophysics, 2008, 479, 625-639.	2.1	73
67	The thermal, arched filaments of the radio arc near the Galactic center - Magnetohydrodynamic-induced ionization?. Astrophysical Journal, 1989, 343, 703.	1.6	73
68	The source of the relativistic particles in the galactic center arc. Astrophysical Journal, 1994, 424, L91.	1.6	73
69	Fifteen years ofXMMâ€“NewtonandChandramonitoring of Sgr A^{â˜…}: evidence for a recent increase in the bright flaring rate. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1525-1544.	1.6	71
70	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. Astrophysical Journal, 2017, 850, 77.	1.6	71
71	A Remarkable Lowâ€Mass Xâ€Ray Binary within 0.1 Parsecs of the Galactic Center. Astrophysical Journal, 2005, 633, 228-239.	1.6	70
72	Simultaneous NIR/sub-mm observation of flare emission fromÂSagittariusÂA*. Astronomy and Astrophysics, 2008, 492, 337-344.	2.1	69

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73	Discovery of Variable Iron Fluorescence from Reflection Nebulae in the Galactic Center. Astrophysical Journal, 2007, 656, L69-L72.	1.6	68
74	Hubble Space Telescope Paschen Î± survey of the Galactic Centre: data reduction and products. Monthly Notices of the Royal Astronomical Society, 2011, 417, 114-135.	1.6	68
75	Echoes of multiple outbursts of Sagittarius A^{â†}revealed byChandra. Astronomy and Astrophysics, 2013, 558, A32.	2.1	68
76	The rich molecular spectrum and the rapid outflow of OH 231.8 + 4.2. Astrophysical Journal, 1987, 321, 888.	1.6	68
77	The â€œWater-Fountain Nebulaâ€•IRAS 16342â^'3814: [ITAL]Hubble Space Telescope[/ITAL]/Very Large Array Study of a Bipolar Protoplanetary Nebula. Astrophysical Journal, 1999, 514, L115-L119.	1.6	67
78	Millimeter to X-ray flares from SagittariusÂA*. Astronomy and Astrophysics, 2012, 537, A52.	2.1	67
79	DETECTION OF WIDESPREAD HOT AMMONIA IN THE GALACTIC CENTER. Astrophysical Journal, 2013, 772, 105.	1.6	67
80	Condensation onto grains in the outflows from mass-losing red giants. Astrophysical Journal, 1985, 292, 487.	1.6	66
81	ISOLATED WOLFâ€“RAYET STARS AND O SUPERGIANTS IN THE GALACTIC CENTER REGION IDENTIFIED VIA PASCHEN-Î± EXCESS. Astrophysical Journal, 2010, 725, 188-199.	1.6	64
82	Galactic center research: manifestations of the central black hole. Research in Astronomy and Astrophysics, 2012, 12, 995-1020.	0.7	64
83	HAWC+/SOFIA Multiwavelength Polarimetric Observations of OMC-1. Astrophysical Journal, 2019, 872, 187.	1.6	64
84	The luminosity of the Galactic center. Astrophysical Journal, 1992, 387, 189.	1.6	64
85	A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope. Astronomical Journal, 2004, 128, 363-374.	1.9	63
86	The IRC +10216 molecular envelope.. Astrophysical Journal, 1975, 197, 603.	1.6	63
87	Evaporation of Compact Young Clusters near the Galactic Center. Astrophysical Journal, 1999, 525, 228-239.	1.6	60
88	Thermal Dust Emission from Proplyds, Unresolved Disks, and Shocks in the Orion Nebula. Astronomical Journal, 2005, 130, 1763-1777.	1.9	60
89	HIGH-PRECISION C¹⁷O, C¹⁸O, AND C¹⁶O MEASUREMENTS IN YOUNG STELLAR OBJECTS: ANALOGUES FOR CO SELF-SHIELDING IN THE EARLY SOLAR SYSTEM. Astrophysical Journal, 2009, 701, 163-175.	1.6	60
90	DISCOVERY OF LOW-METALLICITY STARS IN THE CENTRAL PARSEC OF THE MILKY WAY. Astrophysical Journal, 2015, 809, 143.	1.6	59

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91	The Unusual Initial Mass Function of the Arches Cluster. Astrophysical Journal, 2019, 870, 44.	1.6	59
92	The Fate of Binaries in the Galactic Center: The Mundane and the Exotic. Astrophysical Journal, 2019, 878, 58.	1.6	58
93	Unprecedented Near-infrared Brightness and Variability of Sgr A*. Astrophysical Journal Letters, 2019, 882, L27.	3.0	58
94	Traces of Past Activity in the Galactic Centre. Thirty Years of Astronomical Discovery With UKIRT, 2013, , 331-369.	0.3	58
95	Characteristics of Diffuse Xâ€Ray Line Emission within 20 Parsecs of the Galactic Center. Astrophysical Journal, 2004, 603, 548-559.	1.6	57
96	A magnetic torsional wave near the Galactic Centre traced by a â€˜double helixâ€™ nebula. Nature, 2006, 440, 308-310.	13.7	56
97	A 600 Minute Near-Infrared Light Curve of Sagittarius A*. Astrophysical Journal, 2008, 688, L17-L20.	1.6	56
98	The mean infrared emission of Sagittariusâ€‰A*. Astronomy and Astrophysics, 2011, 532, A83.	2.1	56
99	THE EXCITATION OF HCN AND HCO⁺IN THE GALACTIC CENTER CIRCUMNUCLEAR DISK. Astrophysical Journal, 2013, 779, 47.	1.6	56
100	Molecular self-shielding in the outflows from late-type stars. Astrophysical Journal, 1983, 264, 546.	1.6	56
101	Two New Wolf-Rayet Stars and a Luminous Blue Variable Star in the Quintuplet (AFGL 2004) Near the Galactic Center. Astrophysical Journal, 1995, 447, L29-L32.	1.6	55
102	Evidence for Rapid Rotation of the Carbon Star V Hydrae. Astrophysical Journal, 1995, 450, 862.	1.6	54
103	A VLA H92Î± Recombination Line Study of the Arched Filament H [CSC]ii[/CSC] Complex Near the Galactic Center. Astronomical Journal, 2001, 121, 2681-2705.	1.9	54
104	A windswept cometary tail on the Galactic center supergiant IRS 7. Astrophysical Journal, 1991, 371, L59.	1.6	52
105	SOFIA/FORCAST IMAGING OF THE CIRCUMNUCLEAR RING AT THE GALACTIC CENTER. Astrophysical Journal, 2013, 775, 37.	1.6	50
106	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. Astrophysical Journal, 2014, 790, 1.	1.6	50
107	Highâ€Resolution Infrared Imaging and Spectroscopy of the Pistol Nebula: Evidence for Ejection. Astrophysical Journal, 1999, 525, 759-771.	1.6	50
108	A Catalog of Diffuse Xâ€Rayâ€“emitting Features within 20 pc of Sagittarius A*: Twenty Pulsar Wind Nebulae?. Astrophysical Journal, 2008, 673, 251-263.	1.6	49

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109	EVIDENCE FOR A PARSEC-SCALE JET FROM THE GALACTIC CENTER BLACK HOLE: INTERACTION WITH LOCAL GAS. Astrophysical Journal, 2013, 779, 154.	1.6	49
110	Interstellar ammonia.. Astrophysical Journal, 1973, 186, 501.	1.6	49
111	On the abundance of carbon monoxide in galaxies - A comparison of spiral and Magellanic irregular galaxies. Astrophysical Journal, 1980, 240, 455.	1.6	48
112	The circumstellar water fountains of IRAS 16342-3814 - A very high velocity bipolar outflow. Astrophysical Journal, 1988, 329, 914.	1.6	48
113	Squeezars: Tidally Powered Stars Orbiting a Massive Black Hole. Astrophysical Journal, 2003, 590, L25-L28.	1.6	47
114	Stellar Bow Shocks in the Northern Arm of the Galactic Center: More Members and Kinematics of the Massive Star Population. Astrophysical Journal, 2005, 624, 742-750.	1.6	47
115	Modeling mm- to X-ray flare emission from Sagittarius A*. Astronomy and Astrophysics, 2009, 500, 935-946.	2.1	47
116	A Candidate Neutron Star Associated with Galactic Center Supernova Remnant Sagittarius A East. Astrophysical Journal, 2005, 631, 964-975.	1.6	46
117	AFGL 5376: A strong, large-scale shock near the Galactic center. Astrophysical Journal, 1994, 421, 505.	1.6	45
118	2 Micron Spectroscopy within 0[farcs]3 of Sagittarius A*. Astrophysical Journal, 2000, 533, L49-L52.	1.6	45
119	A population of dust-enshrouded objects orbiting the Galactic black hole. Nature, 2020, 577, 337-340.	13.7	44
120	The Spatioâ€Kinematical Structure and Distance of the Preplanetary Nebula IRAS 19134+2131. Astrophysical Journal, 2007, 669, 424-434.	1.6	43
121	A POWER-LAW BREAK IN THE NEAR-INFRARED POWER SPECTRUM OF THE GALACTIC CENTER BLACK HOLE. Astrophysical Journal, 2009, 694, L87-L91.	1.6	43
122	Old supernova dust factory revealed at the Galactic center. Science, 2015, 348, 413-418.	6.0	43
123	ABUNDANT CH₃OH MASERS BUT NO NEW EVIDENCE FOR STAR FORMATION IN GCM0.253+0.016. Astrophysical Journal, 2015, 805, 72.	1.6	43
124	Highâ€Precision Stellar Radial Velocities in the Galactic Center. Astrophysical Journal, 2003, 599, 1139-1156.	1.6	42
125	An H I absorption line study of the nonthermal shell near the Galactic center, G359.1-0.5 and several nearby unusual radio features. Astronomical Journal, 1992, 104, 1533.	1.9	42
126	An expanding system of molecular clouds surrounding Lambda Orionis. Astrophysical Journal, 1987, 323, 179.	1.6	41

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127	DISKS IN THE ARCHES CLUSTERâ€"SURVIVAL IN A STARBURST ENVIRONMENT. Astrophysical Journal, 2010, 718, 810-831.	1.6	40
128	On the Fe K absorption â€“ accretion state connection in the Galactic Centre neutron star X-ray binary AX J1745.6-2901. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1536-1550.	1.6	40
129	Molecular Clouds in Galaxies. Annual Review of Astronomy and Astrophysics, 1982, 20, 517-545.	8.1	39
130	Nonthermal radio emission from the galactic center arc. Astrophysical Journal, 1986, 310, 689.	1.6	39
131	The northern extension of the radio arc near the Galactic center. Astrophysical Journal, 1988, 329, 729.	1.6	39
132	Super-solar Metallicity Stars in the Galactic Center Nuclear Star Cluster: Unusual Sc, V, and Y Abundances. Astrophysical Journal Letters, 2018, 855, L5.	3.0	38
133	Evidence for Grain Growth in the Protostellar Disks of Orion. Astrophysical Journal, 2003, 587, L109-L112.	1.6	37
134	HETEROGENEITY IN¹²CO/¹³CO ABUNDANCE RATIOS TOWARD SOLAR-TYPE YOUNG STELLAR OBJECTS. Astrophysical Journal, 2015, 813, 120.	1.6	37
135	An Ultradeep Chandra Catalog of X-Ray Point Sources in the Galactic Center Star Cluster. Astrophysical Journal, Supplement Series, 2018, 235, 26.	3.0	37
136	Isolated, Massive Supergiants near the Galactic Center. Astrophysical Journal, 2006, 638, 183-190.	1.6	36
137	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. Astrophysical Journal, 2019, 886, 96.	1.6	36
138	The galactic center black hole: Clues for the evolution of black holes in Galactic nuclei. Advances in Space Research, 1999, 23, 959-968.	1.2	35
139	Holographic imaging of crowded fields: high angular resolution imaging with excellent quality at very low cost. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1367-1375.	1.6	35
140	The Dense Gas Fraction in Galactic Center Clouds. Astrophysical Journal, 2018, 868, 7.	1.6	35
141	Rapid Variability of Sgr A* across the Electromagnetic Spectrum. Astrophysical Journal, 2021, 917, 73.	1.6	35
142	THE ORBITAL MOTION OF THE QUINTUPLET CLUSTERâ€"A COMMON ORIGIN FOR THE ARCHES AND QUINTUPLET CLUSTERS?. Astrophysical Journal, 2014, 789, 115.	1.6	34
143	SPITZER/IRAC OBSERVATIONS OF THE VARIABILITY OF Sgr A* AND THE OBJECT G2 AT 4.5 Î¼m. Astrophysical Journal, 2014, 793, 120.	1.6	33
144	The large-scale nebular pattern of a superwind binary in an eccentric orbit. Nature Astronomy, 2017, 1, .	4.2	33

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145	Magnetic Flux Accumulation at the Galactic Center and Its Implications for the Strength of the Pregalactic Magnetic Field. Astrophysical Journal, 2000, 528, 723-733.	1.6	33
146	The Far-infrared Polarization Spectrum of Ï Ophiuchi A from HAWC+/SOFIA Observations. Astrophysical Journal, 2019, 882, 113.	1.6	32
147	High Spectral Resolution Observations of the Massive Stars in the Galactic Center. Astrophysical Journal, 2006, 641, 891-904.	1.6	31
148	SiO EMISSION AS A TRACER OF X-RAY DOMINATED CHEMISTRY IN THE GALACTIC CENTER. Astrophysical Journal, 2009, 694, 943-950.	1.6	31
149	HIGH-SPEED BULLET EJECTIONS DURING THE AGB-TO-PLANETARY NEBULA TRANSITION: HST OBSERVATIONS OF THE CARBON STAR, V HYDRAE. Astrophysical Journal, 2016, 827, 92.	1.6	31
150	Radio and H-alpha images of the 'figure-8' radio nucleus of the interacting Seyfert galaxy NGC 2992. Astronomical Journal, 1988, 95, 1689.	1.9	31
151	Infrared Observations of G0.18â^'0.04. Astrophysical Journal, 1997, 487, 689-703.	1.6	31
152	NEAR-INFRARED COUNTERPARTS TOCHANDRAX-RAY SOURCES TOWARD THE GALACTIC CENTER. I. STATISTICS AND A CATALOG OF CANDIDATES. Astrophysical Journal, 2009, 703, 30-41.	1.6	30
153	PROPERTIES OF THE COMPACT H II REGION COMPLEX G-0.02-0.07. Astrophysical Journal, 2011, 735, 84.	1.6	30
154	The Post-periapsis Evolution of Galactic Center Source G1: The Second Case of a Resolved Tidal Interaction with a Supermassive Black Hole. Astrophysical Journal, 2017, 847, 80.	1.6	30
155	The Molecular Component of the Galactic Center Arched Filaments H [CSC]ii[/CSC] Complex: OVRO Observations of the CS [ITAL]J[/ITAL]â€‰=â€‰2â€“1 Line. Astronomical Journal, 2002, 124, 2677-2692.	1.9	29
156	THE MOTION OF WATER MASERS IN THE PRE-PLANETARY NEBULA IRAS 16342-3814. Astrophysical Journal, 2009, 691, 219-227.	1.6	29
157	Stellar Proper Motions in the Orion Nebula Cluster. Astronomical Journal, 2019, 157, 109.	1.9	29
158	A multiwavelength study of evolved massive stars in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2012, 425, 884-906.	1.6	28
159	A NEW PERSPECTIVE OF THE RADIO BRIGHT ZONE AT THE GALACTIC CENTER: FEEDBACK FROM NUCLEAR ACTIVITIES. Astrophysical Journal, 2016, 817, 171.	1.6	28
160	The Galactic Center: Improved Relative Astrometry for Velocities, Accelerations, and Orbits near the Supermassive Black Hole. Astrophysical Journal, 2019, 873, 9.	1.6	28
161	Constraining particle acceleration in Sgr A^{â<†}with simultaneous GRAVITY,Spitzer,NuSTAR, andChandraobservations. Astronomy and Astrophysics, 2021, 654, A22.	2.1	28
162	A Quadrupolar Preplanetary Nebula: IRAS 19475+3119. Astrophysical Journal, 2007, 658, 410-422.	1.6	27

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163	Warm neutral halos around molecular clouds. III - Interpretation of H I and CO J = 1-0 data. Astrophysical Journal, 1991, 366, 464.	1.6	27
164	X-Ray Emission from the Pre-planetary Nebula Henize 3-1475. Astrophysical Journal, 2003, 599, L87-L90.	1.6	26
165	Thermal-Infrared Detection of Optical Outflow Sources in OMC-1 South. Astrophysical Journal, 2004, 610, L117-L120.	1.6	26
166	ASTRONOMICAL OXYGEN ISOTOPIC EVIDENCE FOR SUPERNOVA ENRICHMENT OF THE SOLAR SYSTEM BIRTH ENVIRONMENT BY PROPAGATING STAR FORMATION. Astrophysical Journal, 2011, 729, 43.	1.6	26
167	FIRST SCIENCE OBSERVATIONS WITH SOFIA/FORCAST: 6-37 Î¼m IMAGING OF ORION BN/KL. Astrophysical Journal Letters, 2012, 749, L23.	3.0	26
168	FIRST SCIENCE OBSERVATIONS WITH SOFIA/FORCAST: PROPERTIES OF INTERMEDIATE-LUMINOSITY PROTOSTARS AND CIRCUMSTELLAR DISKS IN OMC-2. Astrophysical Journal Letters, 2012, 749, L24.	3.0	26
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