

Fulvio Melia

List of Publications by Year in descending order

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273
papers

7,198
citations

66234

42
h-index

82410

72
g-index

280
all docs

280
docs citations

280
times ranked

3173
citing authors

#	ARTICLE	IF	CITATIONS
1	Viewing the Shadow of the Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2000, 528, L13-L16.	1.6	733
2	The Supermassive Black Hole at the Galactic Center. <i>Annual Review of Astronomy and Astrophysics</i> , 2001, 39, 309-352.	8.1	425
3	An accreting black hole model for Sagittarius A. <i>Astrophysical Journal</i> , 1992, 387, L25.	1.6	184
4	The $R_h=ct$ universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2579-2586.	1.6	159
5	A lower limit of 50 microgauss for the magnetic field near the Galactic Centre. <i>Nature</i> , 2010, 463, 65-67.	13.7	137
6	The cosmic horizon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1917-1921.	1.6	118
7	X-ray hiccups from Sagittarius A* observed by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2008, 488, 549-557.	2.1	108
8	Wild at Heart: the particle astrophysics of the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 763-788.	1.6	105
9	An accreting black hole model for Sagittarius A(*). 2: A detailed study. <i>Astrophysical Journal</i> , 1994, 426, 577.	1.6	102
10	The radiative deceleration of ultrarelativistic jets in active galactic nuclei. <i>Astrophysical Journal</i> , 1989, 340, 162.	1.6	101
11	Stellar Kinematics and the Black Hole in the Galactic Center. <i>Astrophysical Journal</i> , 1996, 456, 194.	1.6	99
12	Hydrodynamical Accretion onto Sagittarius A* from Distributed Point Sources. <i>Astrophysical Journal</i> , 1997, 488, L149-L152.	1.6	96
13	Time-dependent Disk Models for the Microquasar GRS 1915+105. <i>Astrophysical Journal</i> , 2000, 535, 798-814.	1.6	91
14	Polarimetric Imaging of the Massive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 555, L83-L86.	1.6	91
15	An Accretion-induced X-Ray Flare in Sagittarius A*. <i>Astrophysical Journal</i> , 2002, 566, L77-L80.	1.6	86
16	Cosmic chronometers in the $R_h=ct$ Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2669-2675.	1.6	82
17	Electron Acceleration around the Supermassive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2004, 611, L101-L104.	1.6	78
18	The AGASA and SUGAR Anisotropies and TeV Gamma Rays from the Galactic Center: A Possible Signature of Extremely High Energy Neutrons. <i>Astrophysical Journal</i> , 2005, 622, 892-909.	1.6	72

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19	A Possible Rossby Wave Instability Origin for the Flares in Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 636, L33-L36.	1.6	70
20	THE GAMMA-RAY BURST HUBBLE DIAGRAM AND ITS IMPLICATIONS FOR COSMOLOGY. <i>Astrophysical Journal</i> , 2013, 772, 43.	1.6	70
21	A Persistent High-Energy Flux from the Heart of the Milky Way: INTEGRAL's View of the Galactic Center. <i>Astrophysical Journal</i> , 2006, 636, 275-289.	1.6	63
22	HIGH- <i>z</i> QUASARS IN THE <i>R</i> - <i>h</i> = <i>ct</i> UNIVERSE. <i>Astrophysical Journal</i> , 2013, 764, 72.	1.6	60
23	Repeated X-Ray Flaring Activity in Sagittarius A*. <i>Astrophysical Journal</i> , 2005, 635, 1095-1102.	1.6	58
24	The <i>R</i> - <i>h</i> = <i>ct</i> universe without inflation. <i>Astronomy and Astrophysics</i> , 2013, 553, A76.	2.1	58
25	Diffuse X-Rays from the Inner 3 Parsecs of the Galaxy. <i>Astrophysical Journal</i> , 2004, 604, 662-670.	1.6	57
26	A COMPARATIVE ANALYSIS OF THE SUPERNOVA LEGACY SURVEY SAMPLE WITH Λ CDM AND THE <i>R</i> - <i>h</i> = <i>ct</i> UNIVERSE. <i>Astronomical Journal</i> , 2015, 149, 102.	1.9	57
27	Stochastic Electron Acceleration During the Near-Infrared and X-Ray Flares in Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 636, 798-803.	1.6	55
28	Concurrent X-ray, near-infrared, sub-millimeter, and GeV gamma-ray observations of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2011, 528, A140.	2.1	55
29	A Magnetic Dynamo Origin for the Submillimeter Excess in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 553, 146-157.	1.6	54
30	Cosmological tests using gamma-ray bursts, the star formation rate and possible abundance evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3329-3341.	1.6	54
31	Powerful Ejection of Matter from Tidally Disrupted Stars near Massive Black Holes and a Possible Application to Sagittarius A East. <i>Astrophysical Journal</i> , 1996, 457, .	1.6	52
32	FITTING THE UNION2.1 SUPERNOVA SAMPLE WITH THE <i>R</i> - <i>h</i> = <i>ct</i> UNIVERSE. <i>Astronomical Journal</i> , 2012, 144, 110.	1.9	52
33	The Galactic Center: An Interacting System of Unusual Sources. <i>Science</i> , 2000, 287, 85-91.	6.0	51
34	Spin-induced Disk Precession in the Supermassive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2002, 573, L23-L26.	1.6	50
35	Stochastic Acceleration in the Galactic Center HESS Source. <i>Astrophysical Journal</i> , 2006, 647, 1099-1105.	1.6	50
36	THE COSMOLOGICAL SPACETIME. <i>International Journal of Modern Physics D</i> , 2009, 18, 1889-1901.	0.9	49

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37	Polarized Millimeter and Submillimeter Emission from Sagittarius A* at the Galactic Center. <i>Astrophysical Journal</i> , 2000, 545, L117-L120.	1.6	48
38	MHD SIMULATIONS OF ACCRETION ONTO Sgr A*: QUIESCENT FLUCTUATIONS, OUTBURSTS, AND QUASIPERIODICITY. <i>Astrophysical Journal</i> , 2009, 701, 521-534.	1.6	48
39	The bow shock structure of IRS 7 - Wind-wind collision near the Galactic center. <i>Astrophysical Journal</i> , 1992, 385, L41.	1.6	48
40	Self-consistent Fokker-Planck Treatment of Particle Distributions in Astrophysical Plasmas. <i>Astrophysical Journal</i> , Supplement Series, 1998, 114, 269-288.	3.0	45
41	γ -rays and the far-infrared-radio continuum correlation reveal a powerful Galactic Centre wind. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 411, L11-L15.	1.2	44
42	Physical basis for the symmetries in the Friedmann-Robertson-Walker metric. <i>Frontiers of Physics</i> , 2016, 11, 1.	2.4	43
43	New Constraints on the Nature of Radio Emission in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 561, L77-L80.	1.6	42
44	Accretion Disk Evolution with Wind Infall. I. General Solution and Application to Sagittarius A*. <i>Astrophysical Journal</i> , 1997, 479, 740-751.	1.6	41
45	Anisotropy in the angular broadening of Sagittarius A(*) at the galactic center. <i>Astrophysical Journal</i> , 1994, 434, L63.	1.6	41
46	THE PREMATURE FORMATION OF HIGH-REDSHIFT GALAXIES. <i>Astronomical Journal</i> , 2014, 147, 120.	1.9	39
47	The Λ CDM galaxy Hubble diagram strongly favours $\Omega_m = 0.3$ over Λ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1144-1152.	1.6	39
48	Detection of Hard X-Ray Emission from the Galactic Nuclear Region with INTEGRAL. <i>Astrophysical Journal</i> , 2004, 601, L163-L166.	1.6	38
49	The linear growth of structure in the Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1966-1976.	1.6	37
50	A Kinship between the EGRET Supernova Remnants and Sagittarius A East. <i>Astrophysical Journal</i> , 2003, 596, 1035-1043.	1.6	37
51	Measuring the Black Hole Spin in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 554, L37-L40.	1.6	36
52	The zero active mass condition in Friedmann-Robertson-Walker cosmologies. <i>Frontiers of Physics</i> , 2017, 12, 1.	2.4	36
53	Cosmological test using the Hubble diagram of high-z quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 517-523.	1.6	36
54	A comparison of the $R_h = ct$ and Λ CDM cosmologies using the cosmic distance duality relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4855-4862.	1.6	35

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55	Determination of the Central Mass in Active Galactic Nuclei Using Cross-Correlation Lags and Velocity Dispersions. <i>Astrophysical Journal</i> , 2000, 533, 172-175.	1.6	35
56	A TEST OF COSMOLOGICAL MODELS USING HIGH- z MEASUREMENTS OF $H(z)$. <i>Astronomical Journal</i> , 2015, 150, 119.	1.9	34
57	Model selection using cosmic chronometers with Gaussian Processes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 034-034.	1.9	34
58	A Testable Stochastic Acceleration Model for Flares in Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 648, 1020-1025.	1.6	32
59	Periodic Modulations in an X-ray Flare from Sagittarius A*. <i>Journal of Physics: Conference Series</i> , 2006, 54, 420-426.	0.3	32
60	General Relativistic Flux Modulations from Disk Instabilities in Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 662, L15-L18.	1.6	32
61	X-RAY AND RADIO VARIABILITY OF M31*, THE ANDROMEDA GALAXY NUCLEAR SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2010, 710, 755-763.	1.6	32
62	Photon geodesics in Friedmann-Robertson-Walker cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 3356-3361.	1.6	32
63	Angular correlation of the cosmic microwave background in the $R_{sub>h</sub>=ct$ Universe. <i>Astronomy and Astrophysics</i> , 2014, 561, A80.	2.1	32
64	On recent claims concerning the $R_{H=ct}$ Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1191-1194.	1.6	32
65	Reconstruction of the HII galaxy Hubble diagram using Gaussian processes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 029-029.	1.9	32
66	Accretion in the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris. <i>Astrophysical Journal</i> , 1999, 525, 407-419.	1.6	32
67	On the Nature of the EGRET Source at the Galactic Center. <i>Astrophysical Journal</i> , 1997, 489, L47-L50.	1.6	32
68	A determination of the mass of Sagittarius A* from its radio spectral and source size measurements. <i>Astrophysical Journal</i> , 1992, 395, L87.	1.6	30
69	Searching for Long-Wavelength Neutrino Oscillations in the Distorted Neutrino Spectrum of Galactic Supernova Remnants. <i>Astrophysical Journal, Supplement Series</i> , 2002, 141, 147-155.	3.0	30
70	Enhanced Cosmic-Ray Flux and Ionization for Star Formation in Molecular Clouds Interacting with Supernova Remnants. <i>Astrophysical Journal</i> , 2006, 653, L49-L52.	1.6	29
71	A Possible Link between the Galactic Center HESS Source and Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 657, L13-L16.	1.6	29
72	The apparent (gravitational) horizon in cosmology. <i>American Journal of Physics</i> , 2018, 86, 585-593.	0.3	29

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73	The X-Ray Ridge Surrounding Sagittarius A* at the Galactic Center. <i>Astrophysical Journal</i> , 2005, 635, L141-L144.	1.6	28
74	Diffuse X-rays from the Arches and Quintuplet Clusters. <i>Astrophysical Journal</i> , 2005, 623, 171-180.	1.6	28
75	The high- z quasar Hubble Diagram. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 027-027.	1.9	28
76	Evidence of a truncated spectrum in the angular correlation function of the cosmic microwave background. <i>Astronomy and Astrophysics</i> , 2018, 610, A87.	2.1	28
77	A COMPARISON OF COSMOLOGICAL MODELS USING TIME DELAY LENSES. <i>Astrophysical Journal</i> , 2014, 788, 190.	1.6	27
78	A COMPARISON OF COSMOLOGICAL MODELS USING STRONG GRAVITATIONAL LENSING GALAXIES. <i>Astronomical Journal</i> , 2015, 149, 2.	1.9	27
79	Model-independent Test of the Cosmic Distance Duality Relation. <i>Astrophysical Journal</i> , 2018, 866, 31.	1.6	27
80	Model-independent Distance Calibration and Curvature Measurement Using Quasars and Cosmic Chronometers. <i>Astrophysical Journal</i> , 2020, 888, 99.	1.6	27
81	Covariant Kinetic Theory with an Application to the Coma Cluster. <i>Astrophysical Journal</i> , 2006, 638, 125-137.	1.6	25
82	Cosmological test with the QSO Hubble diagram. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650060.	0.9	25
83	Formation of a Jet in the Galactic Center Black Hole Candidate 1E 1740.7-2942. <i>Astrophysical Journal</i> , 1993, 419, L25.	1.6	25
84	High-Energy Emission from Relativistic Particles in Sagittarius A*. <i>Astrophysical Journal</i> , 1999, 522, 870-878.	1.6	24
85	Oscillating Neutrinos from the Galactic Center. <i>Astrophysical Journal, Supplement Series</i> , 2000, 130, 339-350.	3.0	24
86	Definitive test of the $R=ct$ universe using redshift drift. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L61-L63.	1.2	24
87	Alcock-Paczyński test with model-independent BAO data. <i>International Journal of Modern Physics D</i> , 2017, 26, 1750055.	0.9	24
88	The Sgr B2 X-ray Echo of the Galactic Center Supernova Explosion that Produced Sgr A East. <i>Astrophysical Journal</i> , 2006, 638, 786-796.	1.6	23
89	Ultra-high-energy cosmic rays from the radio lobes of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1100-1106.	1.6	23
90	Cosmological redshift in Friedmann-Robertson-Walker metrics with constant space-time curvature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1418-1424.	1.6	23

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91	General Relativistic Effects on the Infrared Spectrum of Thin Accretion Disks in Active Galactic Nuclei: Application to Sagittarius A*. <i>Astrophysical Journal, Supplement Series</i> , 1997, 112, 423-455.	3.0	22
92	Decaying dark matter and the deficit of dwarf haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1869-1878.	1.6	22
93	Supermassive black holes in the early Universe. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150449.	1.0	22
94	Cosmological tests using the angular size of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 479-485.	1.6	22
95	Cosmology-independent Estimate of the Hubble Constant and Spatial Curvature using Time-delay Lenses and Quasars. <i>Astrophysical Journal</i> , 2020, 897, 127.	1.6	22
96	Diffuse TeV emission at the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 987-997.	1.6	21
97	HIGH-ENERGY COSMIC-RAY DIFFUSION IN MOLECULAR CLOUDS: A NUMERICAL APPROACH. <i>Astrophysical Journal</i> , 2010, 725, 515-527.	1.6	21
98	The gravitational horizon for a Universe with phantom energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 029-029.	1.9	21
99	The cosmic equation of state. <i>Astrophysics and Space Science</i> , 2015, 356, 393-398.	0.5	21
100	The Formation of Broad-line Clouds in the Accretion Shocks of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2001, 549, 205-214.	1.6	21
101	The Cosmic Ray Distribution in Sagittarius B. <i>Astrophysical Journal</i> , 2007, 666, 934-948.	1.6	20
102	Proper size of the visible Universe in FRW metrics with a constant spacetime curvature. <i>Classical and Quantum Gravity</i> , 2013, 30, 155007.	1.5	20
103	The Role of Magnetic Field Dissipation in the Black Hole Candidate Sagittarius A*. <i>Astrophysical Journal</i> , 2000, 534, 723-733.	1.6	20
104	Towards incorporating a turbulent magnetic field in an accreting black hole model. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 1053-1061.	1.6	19
105	TESTING COSMOLOGICAL MODELS WITH TYPE Ic SUPER LUMINOUS SUPERNOVAE. <i>Astronomical Journal</i> , 2015, 149, 165.	1.9	19
106	The epoch of reionization in the Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3422-3431.	1.6	19
107	Model selection with strong-lensing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5104-5111.	1.6	18
108	Using Spatial Curvature with H ii Galaxies and Cosmic Chronometers to Explore the Tension in H_0 . <i>Astrophysical Journal</i> , 2019, 881, 137.	1.6	18

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109	Quasi-static winds from neutron stars. <i>Astrophysical Journal</i> , 1987, 312, 700.	1.6	18
110	A Hydrodynamic Model for the Formation of the Galactic Center α -Minicavity. <i>Astrophysical Journal</i> , 1996, 460, .	1.6	18
111	Magnetic Flares and the Observed \dot{M}_{out} in Seyfert Galaxies. <i>Astrophysical Journal</i> , 1997, 490, L13-L16.	1.6	18
112	A Self-Consistent Model for the Broadband Spectrum of Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 1998, 508, L65-L69.	1.6	18
113	CONSTRAINTS ON DARK ENERGY FROM THE OBSERVED EXPANSION OF OUR COSMIC HORIZON. <i>International Journal of Modern Physics D</i> , 2009, 18, 1113-1127.	0.9	17
114	Impact of a Locally Measured H_0 on the Interpretation of Cosmic-chronometer Data. <i>Astrophysical Journal</i> , 2017, 835, 270.	1.6	17
115	A solution to the electroweak horizon problem in the $R_{\text{h}} = ct$ universe. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	17
116	Stellar Kinematics and the Black Hole in the Galactic Center: Erratum. <i>Astrophysical Journal</i> , 1996, 468, 955.	1.6	17
117	Exploring the Hubble Tension and Spatial Curvature from the Ages of Old Astrophysical Objects. <i>Astrophysical Journal</i> , 2022, 928, 165.	1.6	17
118	Stellar Gas Flows into a Dark Cluster Potential at the Galactic Center. <i>Astrophysical Journal</i> , 1999, 511, 750-760.	1.6	16
119	Accretion Disk Evolution with Wind Infall. II. Results of Three-dimensional Hydrodynamical Simulations with an Illustrative Application to Sagittarius A*. <i>Astrophysical Journal</i> , 1999, 523, 642-653.	1.6	16
120	Diffusive cosmic-ray acceleration at the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 410, L23-L27.	1.2	15
121	The nucleus of M31. <i>Astrophysical Journal</i> , 1992, 398, L95.	1.6	15
122	A Model of the EGRET Source at the Galactic Center: Inverse Compton Scattering within Sagittarius A East and Its Halo. <i>Astrophysical Journal</i> , 1998, 508, 676-679.	1.6	14
123	Neutrinos from the Galactic Center in the Light of Its Gamma-Ray Detection at TeV Energy. <i>Astrophysical Journal</i> , 2005, 622, L37-L40.	1.6	14
124	THE AGE-REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 35.	1.9	14
125	Cosmological tests with strong gravitational lenses using Gaussian processes. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	14
126	A Transition Disk Model for Cygnus X-1. <i>Astrophysical Journal</i> , 1996, 467, 405.	1.6	14

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127	Analysing H(z) data using two-point diagnostics. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2320-2327.	1.6	13
128	The lapse function in Friedmann-Lemaître-Robertson-Walker cosmologies. Annals of Physics, 2019, 411, 167997.	1.0	13
129	Evolution of magnetic cataclysmic binaries. Astrophysics and Space Science, 1987, 131, 511-547.	0.5	12
130	A two-point diagnostic for the galaxy Hubble diagram. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4507-4513.	1.6	12
131	An interpretation of the multi-peaked structure in X-ray bursts. Astrophysical Journal, 1992, 398, L53.	1.6	12
132	A Fit to the Simultaneous Broadband Spectrum of Cygnus X-1 Using the Transition Disk Model. Astrophysical Journal, 1998, 495, 407-412.	1.6	12
133	Linear plane wave solutions of the Yang-Mills theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 77, 71-72.	1.5	11
134	Primary versus Secondary Leptons in the EGRET Supernova Remnants. Astrophysical Journal, 2005, 630, 321-331.	1.6	11
135	Neutrinos and Gamma Rays from Galaxy Clusters. Astrophysical Journal, 2008, 687, 193-201.	1.6	11
136	Soft gamma-ray constraints on a bright flare from the Galactic Center supermassive black hole. Advances in Space Research, 2010, 45, 507-520.	1.2	11
137	ASSESSING THE FEASIBILITY OF COSMIC-RAY ACCELERATION BY MAGNETIC TURBULENCE AT THE GALACTIC CENTER. Astrophysical Journal, 2012, 750, 21.	1.6	11
138	Cosmological tests with the FSRQ gamma-ray luminosity function. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3094-3103.	1.6	11
139	The maximum angular-diameter distance in cosmology. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2144-2152.	1.6	11
140	Is Thermal Expansion Driving the Initial Gas Ejection in NGC 6251?. Astrophysical Journal, 2002, 567, 811-816.	1.6	10
141	Spin-induced Disk Precession in Sagittarius A*. Astrophysical Journal, 2005, 635, 336-340.	1.6	10
142	DIFFUSIVE COSMIC-RAY ACCELERATION IN SAGITTARIUS A*. Astrophysical Journal Letters, 2012, 757, L16.	3.0	10
143	COSMOLOGICAL IMPLICATIONS OF THE CMB LARGE-SCALE STRUCTURE. Astronomical Journal, 2015, 149, 6.	1.9	10
144	Constancy of the cluster gas mass fraction in the Λ CDM Universe. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20150765.	1.0	10

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145	Inferring Spherical Mass Distributions Using the Projected Mass Estimator. <i>Astrophysical Journal</i> , 1996, 464, 774.	1.6	10
146	Gamma-ray burst reprocessing in an accretion disk. <i>Astrophysical Journal</i> , 1988, 324, L21.	1.6	10
147	A Monte Carlo Study of the 6.4 [CLC]ke[/CLC]V Emission at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 547, L129-L132.	1.6	9
148	A NUMERICAL ASSESSMENT OF COSMIC-RAY ENERGY DIFFUSION THROUGH TURBULENT MEDIA. <i>Astrophysical Journal</i> , 2014, 784, 131.	1.6	9
149	Cosmological tests with the joint lightcurve analysis. <i>Europhysics Letters</i> , 2018, 123, 59002.	0.7	9
150	Viability of slow-roll inflation in light of the non-zero $\langle i \rangle k \langle /i \rangle$ $\langle \text{sub} \rangle \text{min} \langle /sub \rangle$ measured in the cosmic microwave background power spectrum. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200364.	1.0	9
151	Classicalization of quantum fluctuations at the Planck scale in the $\text{R}\hat{=}=\hat{=}ct$ universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 818, 136362.	1.5	9
152	A self-consistent model for the long-term gamma-ray spectral variability of Cygnus X-1. <i>Astrophysical Journal</i> , 1993, 411, 797.	1.6	9
153	Hot Accretion Disks with Electron-Positron Pair Winds. <i>Astrophysical Journal</i> , 1995, 449, 813.	1.6	9
154	Optical reprocessing of gamma-ray bursts. <i>Astrophysical Journal</i> , 1986, 305, L51.	1.6	9
155	General Relativistic Flux Modulations in the Galactic Center Black Hole Candidate Sagittarius A*. <i>Astrophysical Journal</i> , 1995, 448, .	1.6	9
156	Electron-Positron Annihilation Radiation from Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 549, 293-302.	1.6	8
157	Diffuse X-Rays from a Distributed Component of Dark Matter Surrounding Sagittarius A*. <i>Astrophysical Journal</i> , 2003, 585, L29-L32.	1.6	8
158	Modulated X-Ray Emissivity near the Stress Edge in Sagittarius A*. <i>Astrophysical Journal</i> , 2008, 679, L93-L96.	1.6	8
159	The Broadband Spectrum of Galaxy Clusters. <i>Astrophysical Journal</i> , 2008, 675, 156-162.	1.6	8
160	A cosmological solution to the Impossibly Early Galaxy Problem. <i>Physics of the Dark Universe</i> , 2018, 20, 65-71.	1.8	8
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