

Fulvio Melia

List of Publications by Year in descending order

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273
papers

7,198
citations

66234

42
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82410

72
g-index

280
all docs

280
docs citations

280
times ranked

3173
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial energy of a spatially flat universe: A hint of its possible origin. <i>Astronomische Nachrichten</i> , 2022, 343, .	0.6	4
2	The Friedmann–Lemaître–Robertson–Walker metric. <i>Modern Physics Letters A</i> , 2022, 37, .	0.5	5
3	The seemingly preferred cosmic frame. <i>Physica Scripta</i> , 2022, 97, 045001.	1.2	0
4	A measurement of the cosmic expansion within our lifetime. <i>European Journal of Physics</i> , 2022, 43, 035601.	0.3	6
5	Exploring the Hubble Tension and Spatial Curvature from the Ages of Old Astrophysical Objects. <i>Astrophysical Journal</i> , 2022, 928, 165.	1.6	17
6	Model selection using baryon acoustic oscillations in the final SDSS-IV release. <i>International Journal of Modern Physics D</i> , 2022, 31, .	0.9	2
7	The electroweak horizon problem. <i>Physics of the Dark Universe</i> , 2022, 37, 101057.	1.8	3
8	Constraining Λ CDM models with cosmic chronometers and the Hubble galaxy Hubble diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5827-5839.	1.6	7
9	Test of the cosmic distance duality relation for arbitrary spatial curvature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3500-3509.	1.6	5
10	The anomalous 21-cm absorption at high redshifts. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	2
11	Thermodynamics of the $R_{\text{H}} = ct$ Universe: a simplification of cosmic entropy. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	3
12	Classicalization of quantum fluctuations at the Planck scale in the $R_{\text{H}} = ct$ universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 818, 136362.	1.5	9
13	The origin of rest-mass energy. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	6
14	Hint of a truncated primordial spectrum from the CMB large-scale anomalies. <i>Astronomy and Astrophysics</i> , 2021, 655, A70.	2.1	8
15	Structure formation and the matter power spectrum in the ΛCDM universe . <i>Physics of the Dark Universe</i> , 2021, 31, 100752.	1.8	4
16	A resolution of the Λ CDM problem in the $R_{\text{H}} = ct$ universe. <i>Astronomische Nachrichten</i> , 2020, 341, 812-818.	0.6	4
17	Reassessing dust's role in forming the CMB. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	4
18	Assessing cosmic acceleration with the Alcock–Paczynski effect in the SDSS-IV quasar catalogue. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 499, L36-L40.	1.2	3

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19	Viability of slow-roll inflation in light of the non-zero k_{min} measured in the cosmic microwave background power spectrum. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200364.	1.0	9
20	Model-independent Distance Calibration and Curvature Measurement Using Quasars and Cosmic Chronometers. Astrophysical Journal, 2020, 888, 99.	1.6	27
21	Cosmology-independent Estimate of the Hubble Constant and Spatial Curvature using Time-delay Lenses and Quasars. Astrophysical Journal, 2020, 897, 127.	1.6	22
22	Tantalizing new physics from the cosmic purview. Modern Physics Letters A, 2019, 34, 1930004.	0.5	3
23	A comparison of the $R_{\text{h}} = ct$ and Λ CDM cosmologies based on the observed halo mass function. European Physical Journal C, 2019, 79, 1.	1.4	8
24	The lapse function in Friedmann–Lemaître–Robertson–Walker cosmologies. Annals of Physics, 2019, 411, 167997.	1.0	13
25	Testing the $R_{\text{h}} = ct$ universe jointly with the redshift-dependent expansion rate and angular-diameter and luminosity distances. Physics of the Dark Universe, 2019, 26, 100405.	1.8	4
26	Using Spatial Curvature with H II Galaxies and Cosmic Chronometers to Explore the Tension in H_0 . Astrophysical Journal, 2019, 881, 137.	1.6	18
27	Cosmological test using the Hubble diagram of high- z quasars. Monthly Notices of the Royal Astronomical Society, 2019, 489, 517-523.	1.6	36
28	Quantum fluctuations at the Planck scale. European Physical Journal C, 2019, 79, 1.	1.4	8
29	Cosmological test using the high-redshift detection rate of FSRQs with the Square Kilometre Array. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2030-2037.	1.6	1
30	A cosmological basis for $E = mc^2$. International Journal of Modern Physics A, 2019, 34, 1950055.	0.5	3
31	Testing viable compact quasar cores. Physical Review D, 2019, 80, 083501.	1.6	1
32	Model selection using cosmic chronometers with Gaussian Processes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	1.9	34
33	A solution to the electroweak horizon problem in the $R_{\text{h}} = ct$ universe. European Physical Journal C, 2018, 78, 1.	1.4	17
34	Cosmological tests with the joint lightcurve analysis. Europhysics Letters, 2018, 123, 59002.	0.7	9
35	A comparison of the $R_{\text{h}} = ct$ and Λ CDM cosmologies using the cosmic distance duality relation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4855-4862.	1.6	35
36	Model-independent Test of the Cosmic Distance Duality Relation. Astrophysical Journal, 2018, 866, 31.	1.6	27

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37	Model selection based on the angular-diameter distance to the compact structure in radio quasars. <i>Europhysics Letters</i> , 2018, 123, 39001.	0.7	5
38	A two-point diagnostic for the H α galaxy Hubble diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4507-4513.	1.6	12
39	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
40	The apparent (gravitational) horizon in cosmology. <i>American Journal of Physics</i> , 2018, 86, 585-593.	0.3	29
41	Model selection with strong-lensing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5104-5111.	1.6	18
42	Cosmological tests with strong gravitational lenses using Gaussian processes. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	14
43	J1342+0928 supports the timeline in the $R_h = ct$ cosmology. <i>Astronomy and Astrophysics</i> , 2018, 615, A113.	2.1	5
44	The maximum angular-diameter distance in cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2144-2152.	1.6	11
45	A cosmological solution to the Impossibly Early Galaxy Problem. <i>Physics of the Dark Universe</i> , 2018, 20, 65-71.	1.8	8
46	Impact of a Locally Measured H_0 on the Interpretation of Cosmic-chronometer Data. <i>Astrophysical Journal</i> , 2017, 835, 270.	1.6	17
47	Cosmological perturbations without inflation. <i>Classical and Quantum Gravity</i> , 2017, 34, 015011.	1.5	4
48	Analysing $H(z)$ data using two-point diagnostics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2320-2327.	1.6	13
49	The zero active mass condition in Friedmann–Robertson–Walker cosmologies. <i>Frontiers of Physics</i> , 2017, 12, 1.	2.4	36
50	Alcock–Paczyński test with model-independent BAO data. <i>International Journal of Modern Physics D</i> , 2017, 26, 1750055.	0.9	24
51	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
52	Unseen Progenitors of Luminous High- z Quasars in the $R_h = ct$ Universe. <i>Astrophysical Journal</i> , 2017, 846, 129.	1.6	5
53	The linear growth of structure in the $R_h = ct$ universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1966-1976.	1.6	37
54	Constancy of the cluster gas mass fraction in the $R_h = ct$ Universe. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20150765.	1.0	10

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55	Physical basis for the symmetries in the Friedmann–Robertson–Walker metric. <i>Frontiers of Physics</i> , 2016, 11, 1.	2.4	43
56	Cosmological test with the QSO Hubble diagram. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650060.	0.9	25
57	Definitive test of the Λ CDM universe using redshift drift. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L61-L63.	1.2	24
58	The Λ CDM galaxy Hubble diagram strongly favours Λ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1144-1152.	1.6	39
59	Cosmological tests with the FSRQ gamma-ray luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3094-3103.	1.6	11
60	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
61	A TEST OF COSMOLOGICAL MODELS USING HIGH- z MEASUREMENTS OF $H(z)$. <i>Astronomical Journal</i> , 2015, 150, 119.	1.9	34
62	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
63	A COMPARATIVE ANALYSIS OF THE SUPERNOVA LEGACY SURVEY SAMPLE WITH Λ CDM AND THE Λ CDM UNIVERSE. <i>Astronomical Journal</i> , 2015, 149, 102.	1.9	57
64	THE AGE–REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 35.	1.9	14
65	TESTING COSMOLOGICAL MODELS WITH TYPE I _c SUPER LUMINOUS SUPERNOVAE. <i>Astronomical Journal</i> , 2015, 149, 165.	1.9	19
66	The AGN Hubble Diagram and its implications for cosmology. <i>Astrophysics and Space Science</i> , 2015, 359, 1.	0.5	6
67	A COMPARISON OF COSMOLOGICAL MODELS USING STRONG GRAVITATIONAL LENSING GALAXIES. <i>Astronomical Journal</i> , 2015, 149, 2.	1.9	27
68	COSMOLOGICAL IMPLICATIONS OF THE CMB LARGE-SCALE STRUCTURE. <i>Astronomical Journal</i> , 2015, 149, 6.	1.9	10
69	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
70	The cosmic equation of state. <i>Astrophysics and Space Science</i> , 2015, 356, 393-398.	0.5	21
71	On recent claims concerning the Λ CDM Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1191-1194.	1.6	32
72	Angular correlation of the cosmic microwave background in the Λ CDM Universe. <i>Astronomy and Astrophysics</i> , 2014, 561, A80.	2.1	32

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73	THE PREMATURE FORMATION OF HIGH-REDSHIFT GALAXIES. <i>Astronomical Journal</i> , 2014, 147, 120.	1.9	39
74	The high- z quasar Hubble Diagram. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 027-027.	1.9	28
75	A COMPARISON OF COSMOLOGICAL MODELS USING TIME DELAY LENSES. <i>Astrophysical Journal</i> , 2014, 788, 190.	1.6	27
76	A NUMERICAL ASSESSMENT OF COSMIC-RAY ENERGY DIFFUSION THROUGH TURBULENT MEDIA. <i>Astrophysical Journal</i> , 2014, 784, 131.	1.6	9
77	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
78	Cosmic chronometers in the Λ CDM Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2669-2675.	1.6	82
79	The Galactic Nucleus. , 2013, , 243-270.		1
80	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
81	THE GAMMA-RAY BURST HUBBLE DIAGRAM AND ITS IMPLICATIONS FOR COSMOLOGY. <i>Astrophysical Journal</i> , 2013, 772, 43.	1.6	70
82	The $R_{\text{h}} = ct$ universe without inflation. <i>Astronomy and Astrophysics</i> , 2013, 553, A76.	2.1	58
83	HIGH- z QUASARS IN THE $R_{\text{h}} = ct$ UNIVERSE. <i>Astrophysical Journal</i> , 2013, 764, 72.	1.6	60
84	FITTING THE UNION2.1 SUPERNOVA SAMPLE WITH THE $R_{\text{h}} = ct$ UNIVERSE. <i>Astronomical Journal</i> , 2012, 144, 110.	1.9	52
85	DIFFUSIVE COSMIC-RAY ACCELERATION IN SAGITTARIUS A*. <i>Astrophysical Journal Letters</i> , 2012, 757, L16.	3.0	10
86	The gravitational horizon for a Universe with phantom energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 029-029.	1.9	21
87	ASSESSING THE FEASIBILITY OF COSMIC-RAY ACCELERATION BY MAGNETIC TURBULENCE AT THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2012, 750, 21.	1.6	11
88	Polarimetric imaging of Sgr A* in its flaring state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2489-2496.	1.6	1
89	The $R_{\text{h}} = ct$ universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2579-2586.	1.6	159
90	Photon geodesics in Friedmann-Robertson-Walker cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 3356-3361.	1.6	32

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91	Cosmological redshift in Friedmann-Robertson-Walker metrics with constant space-time curvature. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1418-1424.	1.6	23
92	Concurrent X-ray, near-infrared, sub-millimeter, and GeV gamma-ray observations of Sagittarius A*. Astronomy and Astrophysics, 2011, 528, A140.	2.1	55
93	Wild at Heart: the particle astrophysics of the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2011, 413, 763-788.	1.6	105
94	Diffusive cosmic-ray acceleration at the Galactic Centre. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 410, L23-L27.	1.2	15
95	$\tilde{\nu}$ -rays and the far-infrared radio continuum correlation reveal a powerful Galactic Centre wind. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 411, L11-L15.	1.2	44
96	X-RAY AND RADIO VARIABILITY OF M31*, THE ANDROMEDA GALAXY NUCLEAR SUPERMASSIVE BLACK HOLE. Astrophysical Journal, 2010, 710, 755-763.	1.6	32
97	HIGH-ENERGY COSMIC-RAY DIFFUSION IN MOLECULAR CLOUDS: A NUMERICAL APPROACH. Astrophysical Journal, 2010, 725, 515-527.	1.6	21
98	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
99	A lower limit of 50 microgauss for the magnetic field near the Galactic Centre. Nature, 2010, 463, 65-67.	13.7	137
100	MHD SIMULATIONS OF ACCRETION ONTO Sgr A*: QUIESCENT FLUCTUATIONS, OUTBURSTS, AND QUASIPERIODICITY. Astrophysical Journal, 2009, 701, 521-534.	1.6	48
101	THE COSMOLOGICAL SPACETIME. International Journal of Modern Physics D, 2009, 18, 1889-1901.	0.9	49
102	CONSTRAINTS ON DARK ENERGY FROM THE OBSERVED EXPANSION OF OUR COSMIC HORIZON. International Journal of Modern Physics D, 2009, 18, 1113-1127.	0.9	17
103	Decaying Dark Matter and the Deficit of Dwarf Halos. , 2009, , .		3
104	Star Formation at the Galactic Center. Publications of the Astronomical Society of the Pacific, 2009, 121, 585-590.	1.0	4
105	Accretion onto the Supermassive Black Hole at the Centre of Our Galaxy. , 2009, , 209-229.		0
106	Diffuse TeV emission at the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2008, 387, 987-997.	1.6	21
107	Decaying dark matter and the deficit of dwarf haloes. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1869-1878.	1.6	22
108	Ultra-high-energy cosmic rays from the radio lobes of active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1100-1106.	1.6	23

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109	Modulated X-Ray Emissivity near the Stress Edge in Sagittarius A*. <i>Astrophysical Journal</i> , 2008, 679, L93-L96.	1.6	8
110	Neutrinos and Gamma Rays from Galaxy Clusters. <i>Astrophysical Journal</i> , 2008, 687, 193-201.	1.6	11
111	The Broadband Spectrum of Galaxy Clusters. <i>Astrophysical Journal</i> , 2008, 675, 156-162.	1.6	8
112	X-ray hiccups from Sagittarius A* observed by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2008, 488, 549-557.	2.1	108
113	A Possible Link between the Galactic Center HESS Source and Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 657, L13-L16.	1.6	29
114	Radio Synchrotron Emission from Secondary Leptons in the Vicinity of Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 664, L95-L98.	1.6	3
115	General Relativistic Flux Modulations from Disk Instabilities in Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 662, L15-L18.	1.6	32
116	The Cosmic Ray Distribution in Sagittarius B. <i>Astrophysical Journal</i> , 2007, 666, 934-948.	1.6	20
117	The cosmic horizon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1917-1921.	1.6	118
118	A Testable Stochastic Acceleration Model for Flares in Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 648, 1020-1025.	1.6	32
119	Stochastic Acceleration in the Galactic Center HESS Source. <i>Astrophysical Journal</i> , 2006, 647, 1099-1105.	1.6	50
120	A Possible Rossby Wave Instability Origin for the Flares in Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 636, L33-L36.	1.6	70
121	Periodic Modulations in an X-ray Flare from Sagittarius A*. <i>Journal of Physics: Conference Series</i> , 2006, 54, 420-426.	0.3	32
122	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
123	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
124	Transrelativistic Synchrotron Emissivity, Cross Section, and Polarization. <i>Astrophysical Journal</i> , 2006, 637, 313-321.	1.6	6
125	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
126	Covariant Kinetic Theory with an Application to the Coma Cluster. <i>Astrophysical Journal</i> , 2006, 638, 125-137.	1.6	25

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127	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
128	THE SUPERMASSIVE BLACK HOLE AT THE CENTER OF OUR GALAXY. , 2006, , .		0
129	Primary versus Secondary Leptons in the EGRET Supernova Remnants. <i>Astrophysical Journal</i> , 2005, 630, 321-331.	1.6	11
130	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
131	The X-Ray Ridge Surrounding Sagittarius A* at the Galactic Center. <i>Astrophysical Journal</i> , 2005, 635, L141-L144.	1.6	28
132	Spin-Induced Disk Precession in Sagittarius A*. <i>Astrophysical Journal</i> , 2005, 635, 336-340.	1.6	10
133	Repeated X-Ray Flaring Activity in Sagittarius A*. <i>Astrophysical Journal</i> , 2005, 635, 1095-1102.	1.6	58
134	Long-Term Radio Modulation in Sagittarius A* from Spin-Induced Disk Precession. <i>Astrophysical Journal</i> , 2005, 632, 1048-1053.	1.6	6
135	Diffuse X-Rays from the Arches and Quintuplet Clusters. <i>Astrophysical Journal</i> , 2005, 623, 171-180.	1.6	28
136	Odd company. <i>Nature</i> , 2005, 437, 1105-1105.	13.7	2
137	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
138	Closing in on black holes. <i>Physics World</i> , 2004, 17, 20-20.	0.0	0
139	Electron Acceleration around the Supermassive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2004, 611, L101-L104.	1.6	78
140	Diffuse X-Rays from the Inner 3 Parsecs of the Galaxy. <i>Astrophysical Journal</i> , 2004, 604, 662-670.	1.6	57
141	Detection of Hard X-Ray Emission from the Galactic Nuclear Region with INTEGRAL. <i>Astrophysical Journal</i> , 2004, 601, L163-L166.	1.6	38
142	Near-Infrared Flux Limits for Sgr A* Based on NICMOS Data. <i>Astronomische Nachrichten</i> , 2003, 324, 419-423.	0.6	7
143	On the Chandra Detection of Diffuse X-Ray Emission from Sgr A*. <i>Astronomische Nachrichten</i> , 2003, 324, 467-473.	0.6	0
144	A Relativistic Disk in Sagittarius A*. <i>Astronomische Nachrichten</i> , 2003, 324, 475-481.	0.6	2

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145	Shadowing of the Nascent Jet in NGC 4261 by a Line-emitting Supersonic Accretion Disk. <i>Astrophysical Journal</i> , 2003, 596, 879-888.	1.6	3
146	Diffuse X-Rays from a Distributed Component of Dark Matter Surrounding Sagittarius A*. <i>Astrophysical Journal</i> , 2003, 585, L29-L32.	1.6	8
147	A Kinship between the EGRET Supernova Remnants and Sagittarius A East. <i>Astrophysical Journal</i> , 2003, 596, 1035-1043.	1.6	37
148	Is Thermal Expansion Driving the Initial Gas Ejection in NGC 6251?. <i>Astrophysical Journal</i> , 2002, 567, 811-816.	1.6	10
149	Spin-induced Disk Precession in the Supermassive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2002, 573, L23-L26.	1.6	50
150	Line Emission from Cooling Accretion Flows in the Nucleus of M31. <i>Astrophysical Journal</i> , 2002, 565, 952-958.	1.6	1
151	An Accretion-induced X-Ray Flare in Sagittarius A*. <i>Astrophysical Journal</i> , 2002, 566, L77-L80.	1.6	86
152	Searching for Long-wavelength Neutrino Oscillations in the Distorted Neutrino Spectrum of Galactic Supernova Remnants. <i>Astrophysical Journal</i> , Supplement Series, 2002, 141, 147-155.	3.0	30
153	The Supermassive Black Hole at the Galactic Center. <i>Annual Review of Astronomy and Astrophysics</i> , 2001, 39, 309-352.	8.1	425
154	Polarimetric Imaging of the Massive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 555, L83-L86.	1.6	91
155	Sgr A*: Observations, Models, and Imaging of the event horizon with VLBI. <i>Symposium - International Astronomical Union</i> , 2001, 205, 28-31.	0.1	0
156	A Magnetic Dynamo Origin for the Submillimeter Excess in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 553, 146-157.	1.6	54
157	Electron-Positron Annihilation Radiation from Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 549, 293-302.	1.6	8
158	A Monte Carlo Study of the 6.4 [Fe]V Emission at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 547, L129-L132.	1.6	9
159	Accretion Processes in the Nucleus of M31. <i>Astrophysical Journal</i> , 2001, 550, L151-L154.	1.6	4
160	Measuring the Black Hole Spin in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 554, L37-L40.	1.6	36
161	New Constraints on the Nature of Radio Emission in Sagittarius A*. <i>Astrophysical Journal</i> , 2001, 561, L77-L80.	1.6	42
162	Magnetic field dissipation in converging flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1279-1287.	1.6	6

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163	X-rays from the edge of infinity. <i>Nature</i> , 2001, 413, 25-26.	13.7	5
164	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
165	The shadow of the black hole at the galactic center. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	6
166	Time-dependent Disk Models for the Microquasar GRS 1915+105. <i>Astrophysical Journal</i> , 2000, 535, 798-814.	1.6	91
167	Polarized Millimeter and Submillimeter Emission from Sagittarius A* at the Galactic Center. <i>Astrophysical Journal</i> , 2000, 545, L117-L120.	1.6	48
168	Oscillating Neutrinos from the Galactic Center. <i>Astrophysical Journal, Supplement Series</i> , 2000, 130, 339-350.	3.0	24
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