M Coleman Miller

List of Publications by Year
in descending order

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170 papers	12,014 citations	22132 59 h-index	27389 106 g-index
171 all docs	171 docs citations	171 times ranked	6043 citing authors

#	Article	IF	Citations
1	Observing Intermediate-mass Black Holes and the Upper Stellar-mass gap with LIGO and Virgo. Astrophysical Journal, 2022, 924, 39.	1.6	32
2	The Uncertain Future of Massive Binaries Obscures the Origin of LIGO/Virgo Sources. Astrophysical Journal, 2022, 925, 69.	1.6	35
3	Gravitational-wave and X-ray probes of the neutron star equation of state. Nature Reviews Physics, 2022, 4, 237-246.	11.9	8
4	Electromagnetic counterparts to massive black-hole mergers. Living Reviews in Relativity, 2022, 25, .	8.2	26
5	Investigating the I-Love-Q and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>w</mml:mi></mml:math> -mode universal relations using piecewise polytropes. Physical Review D, 2021, 103, .	1.6	11
6	Golden Galactic Binaries for LISA: Mass-transferring White Dwarf Black Hole Binaries. Astrophysical Journal, 2021, 908, 1.	1.6	10
7	Constraining the Neutron Star Massâ€“Radius Relation and Dense Matter Equation of State with NICER. III. Model Description and Verification of Parameter Estimation Codes. Astrophysical Journal Letters, 2021, 914, L15.	3.0	27
8	Binary black hole mergers from hierarchical triples in open clusters. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3844-3852.	1.6	8
9	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. Astrophysical Journal Letters, 2021, 918, L28.	3.0	556
10	NICER Detection of Thermal X-Ray Pulsations from the Massive Millisecond Pulsars PSR J0740+6620 and PSR J1614â€“2230. Astrophysical Journal Letters, 2021, 918, L26.	3.0	13
11	Astrophysical Constraints on Dense Matter in Neutron Stars. Astrophysics and Space Science Library, 2021, , 1-51.	1.0	4
12	Beaming as an explanation of the repetition/width relation in FRBs. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3076-3082.	1.6	30
13	Merger rates in primordial black hole clusters without initial binaries. Monthly Notices of the Royal Astronomical Society, 2020, 496, 994-1000.	1.6	14
14	Star formation in accretion discs and SMBH growth. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3732-3743.	1.6	47
15	Constraining the Equation of State of High-density Cold Matter Using Nuclear and Astronomical Measurements. Astrophysical Journal, 2020, 888, 12.	1.6	74
16	Evolutionary roads leading to low effective spins, high black hole masses, and O1/O2 rates for LIGO/Virgo binary black holes. Astronomy and Astrophysics, 2020, 636, A104.	2.1	256
17	The Origin of Inequality: Isolated Formation of a 30+10 M _{âŠ™} Binary Black Hole Merger. Astrophysical Journal Letters, 2020, 901, L39.	3.0	37
18	A Search for High-energy Counterparts to Fast Radio Bursts. Astrophysical Journal, 2019, 879, 40.	1.6	30

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19	Thermal X-ray emission identified from the millisecond pulsar PSR J1909â€“3744. Astronomy and Astrophysics, 2019, 627, A141.	2.1	4
20	Probing neutron star structure via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math> -mode oscillations and damping in dynamical spacetime models. Physical Review D, 2019, 99, .	1.6	12
21	Questions Related to the Equation of State of High-Density Matter. Universe, 2019, 5, 100.	0.9	2
22	On the Persistence of QPOs during the SGR 1806â˜’20 Giant Flare. Astrophysical Journal, 2019, 871, 95.	1.6	20
23	The new frontier of gravitational waves. Nature, 2019, 568, 469-476.	13.7	55
24	Searching for Hypermassive Neutron Stars with Short Gamma-Ray Bursts. Astrophysical Journal Letters, 2019, 884, L16.	3.0	20
25	Constraining the Neutron Star Massâ€“Radius Relation and Dense Matter Equation of State with NICER. II. Emission from Hot Spots on a Rapidly Rotating Neutron Star. Astrophysical Journal Letters, 2019, 887, L26.	3.0	95
26	PSR J0030+0451 Mass and Radius from NICER Data and Implications for the Properties of Neutron Star Matter. Astrophysical Journal Letters, 2019, 887, L24.	3.0	978
27	NICER X-Ray Observations of Seven Nearby Rotation-powered Millisecond Pulsars. Astrophysical Journal Letters, 2019, 887, L27.	3.0	45
28	Constraining the Neutron Star Massâ€“Radius Relation and Dense Matter Equation of State with NICER. I. The Millisecond Pulsar X-Ray Data Set. Astrophysical Journal Letters, 2019, 887, L25.	3.0	110
29	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	50
30	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	27
31	Dense matter with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	81
32	r-Process Nucleosynthesis in the Early Universe Through Fast Mergers of Compact Binaries in Triple Systems. Publications of the Astronomical Society of Australia, 2018, 35, .	1.3	18
33	Did ASAS-SN Kill the Supermassive Black Hole Binary Candidate PG1302-102?. Astrophysical Journal Letters, 2018, 859, L12.	3.0	39
34	A Unified Model for Tidal Disruption Events. Astrophysical Journal Letters, 2018, 859, L20.	3.0	200
35	Gravitational Waves from F-modes Excited by the Inspiral of Highly Eccentric Neutron Star Binaries. Astrophysical Journal, 2017, 837, 67.	1.6	51
36	A golden binary. Nature, 2017, 551, 36-37.	13.7	5

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37	Distinguishing spin-aligned and isotropic black hole populations with gravitational waves. Nature, 2017, 548, 426-429.	13.7	208
38	Energetic constraints on electromagnetic signals from double black hole mergers. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 470, L92-L96.	1.2	18
39	Neutron star mass and radius measurements from atmospheric model fits to X-ray burst cooling tail spectra. Astronomy and Astrophysics, 2017, 608, A31.	2.1	133
40	THE CASE FOR PSR J1614â€“2230 AS A NICER TARGET. Astrophysical Journal, 2016, 822, 27.	1.6	24
41	Identifying ultrahigh-energy cosmic-ray accelerators with future ultrahigh-energy neutrino detectors. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 017-017.	1.9	20
42	A TEST OF THE NATURE OF THE FE K LINE IN THE NEUTRON STAR LOW-MASS X-RAY BINARY SERPENS X-1. Astrophysical Journal, 2016, 821, 105.	1.6	21
43	Observational constraints on neutron star masses and radii. European Physical Journal A, 2016, 52, 1.	1.0	78
44	THE ROLE OF THE KOZAIâ€“LIDOV MECHANISM IN BLACK HOLE BINARY MERGERS IN GALACTIC CENTERS. Astrophysical Journal, 2016, 828, 77.	1.6	104
45	A NEW METHOD FOR FINDING POINT SOURCES IN HIGH-ENERGY NEUTRINO DATA. Astrophysical Journal, 2016, 826, 102.	1.6	8
46	Colloquium: Measuring the neutron star equation of state using x-ray timing. Reviews of Modern Physics, 2016, 88, .	16.4	234
47	Implications of the gravitational wave event GW150914. General Relativity and Gravitation, 2016, 48, 1.	0.7	22
48	Dawn of a new astronomy. Nature, 2016, 531, 40-41.	13.7	10
49	SOFT X-RAY TEMPERATURE TIDAL DISRUPTION EVENTS FROM STARS ON DEEP PLUNGING ORBITS. Astrophysical Journal Letters, 2015, 812, L39.	3.0	116
50	AN UPPER BOUND ON NEUTRON STAR MASSES FROM MODELS OF SHORT GAMMA-RAY BURSTS. Astrophysical Journal, 2015, 808, 186.	1.6	50
51	Flows of X-ray gas reveal the disruption of a star by a massive black hole. Nature, 2015, 526, 542-545.	13.7	144
52	DISK WINDS AS AN EXPLANATION FOR SLOWLY EVOLVING TEMPERATURES IN TIDAL DISRUPTION EVENTS. Astrophysical Journal, 2015, 805, 83.	1.6	60
53	DETERMINING NEUTRON STAR PROPERTIES BY FITTING OBLATE-STAR WAVEFORM MODELS TO X-RAY BURST OSCILLATIONS. Astrophysical Journal, 2015, 808, 31.	1.6	55
54	The masses and spins of neutron stars and stellar-mass black holes. Physics Reports, 2015, 548, 1-34.	10.3	178

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55	A WIND ACCRETION MODEL FOR HLX-1. Astrophysical Journal, 2014, 788, 116.	1.6	17
56	OBSERVATIONAL SIGNATURES OF BINARY SUPERMASSIVE BLACK HOLES. Astrophysical Journal, 2014, 785, 115.	1.6	84
57	SOWING THE SEEDS OF MASSIVE BLACK HOLES IN SMALL GALAXIES: YOUNG CLUSTERS AS THE BUILDING BLOCKS OF ULTRACOMPACT DWARF GALAXIES. Astrophysical Journal, 2014, 782, 97.	1.6	10
58	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10
59	THE FORMATION AND GRAVITATIONAL-WAVE DETECTION OF MASSIVE STELLAR BLACK HOLE BINARIES. Astrophysical Journal, 2014, 789, 120.	1.6	98
60	Relativistic astrophysics at GR20. General Relativity and Gravitation, 2014, 46, 1.	0.7	1
61	Testing the rotating hotspot model using X-ray burst oscillations from 4UÂ1636â˜536. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 433, L64-L68.	1.2	13
62	ALIGNMENT OF SUPERMASSIVE BLACK HOLE BINARY ORBITS AND SPINS. Astrophysical Journal, 2013, 774, 43.	1.6	53
63	DETERMINING NEUTRON STAR MASSES AND RADII USING ENERGY-RESOLVED WAVEFORMS OF X-RAY BURST OSCILLATIONS. Astrophysical Journal, 2013, 776, 19.	1.6	70
64	Low-frequency terrestrial gravitational-wave detectors. Physical Review D, 2013, 88, .	1.6	70
65	Constraining neutron star masses and radii using thermonuclear X-ray bursts. Proceedings of the International Astronomical Union, 2012, 8, 101-108.	0.0	2
66	AN UPPER LIMIT TO THE VELOCITY DISPERSION OF RELAXED STELLAR SYSTEMS WITHOUT MASSIVE BLACK HOLES. Astrophysical Journal, 2012, 755, 81.	1.6	45
67	Tidal disruptions of separated binaries in galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2401-2406.	1.6	14
68	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	1.6	168
69	DETECTING COALESCENCES OF INTERMEDIATE-MASS BLACK HOLES IN GLOBULAR CLUSTERS WITH THE EINSTEIN TELESCOPE. , 2012, , .		0
70	Extreme mass-ratio inspirals in the effective-one-body approach: Quasicircular, equatorial orbits around a spinning black hole. Physical Review D, 2011, 83, .	1.6	75
71	Effect of massive perturbers on extreme mass-ratio inspiral waveforms. Physical Review D, 2011, 83, .	1.6	46
72	THE DROP OF THE COHERENCE OF THE LOWER KILOHERTZ QUASI-PERIODIC BRIGHTNESS VARIATIONS IS ALSO OBSERVED IN XTE J1701â€“462. Astrophysical Journal, 2011, 728, 9.	1.6	16

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73	LOW-FREQUENCY OSCILLATIONS IN GLOBAL SIMULATIONS OF BLACK HOLE ACCRETION. Astrophysical Journal, 2011, 736, 107.	1.6	57
74	Exploring intermediate and massive black-hole binaries with the Einstein Telescope. General Relativity and Gravitation, 2011, 43, 485-518.	0.7	77
75	SUPERMASSIVE BLACK HOLE FORMATION VIA GAS ACCRETION IN NUCLEAR STELLAR CLUSTERS. Astrophysical Journal Letters, 2011, 740, L42.	3.0	102
76	Likelihood Analysis of High-Energy Pulsar Emission Models. , 2011, , .		0
77	RELATIVISTIC LINES AND REFLECTION FROM THE INNER ACCRETION DISKS AROUND NEUTRON STARS. Astrophysical Journal, 2010, 720, 205-225.	1.6	136
78	A DEEP CHANDRA OBSERVATION OF THE X-SHAPED RADIO GALAXY 4C +00.58: A CANDIDATE FOR MERGER-INDUCED REORIENTATION?. Astrophysical Journal Letters, 2010, 717, L37-L41.	3.0	26
79	TEST OF A GENERAL FORMULA FOR BLACK HOLE GRAVITATIONAL WAVE KICKS. Astrophysical Journal, 2010, 719, 1427-1432.	1.6	42
80	THECHANDRAVIEW OF NEARBY $mathsf {X}$-SHAPED RADIO GALAXIES. Astrophysical Journal, 2010, 710, 1205-1227.	1.6	32
81	SUPER-EDDINGTON FLUXES DURING THERMONUCLEAR X-RAY BURSTS. Astrophysical Journal Letters, 2010, 720, L15-L19.	3.0	26
82	QPO constraints on neutron stars. New Astronomy Reviews, 2010, 54, 128-134.	5.2	2
83	Systematic variation in the apparent burning area of thermonuclear bursts and its implication for neutron star radius measurement. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2-6.	1.6	21
84	Weighing in on neutron stars. Nature, 2010, 467, 1057-1058.	13.7	1
85	MODELING FLOWS AROUND MERGING BLACK HOLE BINARIES. Astrophysical Journal Letters, 2010, 711, L89-L93.	3.0	23
86	Modeling Extreme Mass Ratio Inspirals within the Effective-One-Body Approach. Physical Review Letters, 2010, 104, 091102.	2.9	79
87	A MODEL FOR THE WAVEFORM BEHAVIOR OF ACCRETING MILLISECOND X-RAY PULSARS: NEARLY ALIGNED MAGNETIC FIELDS AND MOVING EMISSION REGIONS. Astrophysical Journal, 2009, 706, 417-435.	1.6	66
88	MASS SEGREGATION IN NGC 2298: LIMITS ON THE PRESENCE OF AN INTERMEDIATE MASS BLACK HOLE. Astrophysical Journal, 2009, 699, 1511-1517.	1.6	27
89	THE TIME VARIABILITY OF GEOMETRICALLY THIN BLACK HOLE ACCRETION DISKS. I. THE SEARCH FOR MODES IN SIMULATED DISKS. Astrophysical Journal, 2009, 692, 869-886.	1.6	70
90	REACTION OF ACCRETION DISKS TO ABRUPT MASS LOSS DURING BINARY BLACK HOLE MERGER. Astrophysical Journal, 2009, 700, 859-871.	1.6	62

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91	ORIGIN OF INTERMITTENT ACCRETION-POWERED X-RAY OSCILLATIONS IN NEUTRON STARS WITH MILLISECOND SPIN PERIODS. Astrophysical Journal, 2009, 705, L36-L39.	1.6	33
92	MERGERS OF STELLAR-MASS BLACK HOLES IN NUCLEAR STAR CLUSTERS. Astrophysical Journal, 2009, 692, 917-923.	1.6	136
93	GRAVITATIONAL WAVES FROM ECCENTRIC INTERMEDIATE-MASS BLACK HOLE BINARIES. Astrophysical Journal, 2009, 692, L50-L53.	1.6	29
94	Intermediate-mass black holes as LISA sources. Classical and Quantum Gravity, 2009, 26, 094031.	1.5	34
95	kHz quasi-periodic oscillations in the low-mass X-ray binary 4U 0614+09. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1901-1906.	1.6	29
96	A happy medium. Nature Physics, 2009, 5, 537-538.	6.5	1
97	THE TIME VARIABILITY OF GEOMETRICALLY THIN BLACK HOLE ACCRETION DISKS. II. VISCOSITY-INDUCED GLOBAL OSCILLATION MODES IN SIMULATED DISKS. Astrophysical Journal, 2009, 693, 1100-1112.	1.6	24
98	Discovery of the upper kilohertz quasi-periodic oscillation from the X-ray transient Aql X-1. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1519-1524.	1.6	28
99	Modeling Kicks from the Merger of Generic Black Hole Binaries. Astrophysical Journal, 2008, 682, L29-L32.	1.6	156
100	Relativistic Iron Emission Lines in Neutron Star Lowâ€Mass Xâ€Ray Binaries as Probes of Neutron Star Radii. Astrophysical Journal, 2008, 674, 415-420.	1.6	122
101	Rates and Characteristics of Intermediate Mass Ratio Inspirals Detectable by Advanced LIGO. Astrophysical Journal, 2008, 681, 1431-1447.	1.6	93
102	Intermediateâ€Mass Black Hole Induced Quenching of Mass Segregation in Star Clusters. Astrophysical Journal, 2008, 686, 303-309.	1.6	68
103	Science with the XEUS high time resolution spectrometer. , 2008, , .		4
104	Compact Binaries as Sources of Gravitational Radiation. , 2007, , .		0
105	Intermediate and extreme mass-ratio inspiralsâ€”astrophysics, science applications and detection using LISA. Classical and Quantum Gravity, 2007, 24, R113-R169.	1.5	382
106	Alignment of the Spins of Supermassive Black Holes Prior to Coalescence. Astrophysical Journal, 2007, 661, L147-L150.	1.6	246
107	Neutron stars in Einstein-aether theory. Physical Review D, 2007, 76, .	1.6	74
108	Modeling Kicks from the Merger of Nonprecessing Black Hole Binaries. Astrophysical Journal, 2007, 668, 1140-1144.	1.6	99

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109	Supporting evidence for the signature of the innermost stable circular orbit in Rossi X-ray data from 4U 1636-536. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1139-1144.	1.6	39
110	The Shapes of Atomic Lines from the Surfaces of Weakly Magnetic Rotating Neutron Stars and Their Implications. Astrophysical Journal, 2006, 644, 1085-1089.	1.6	24
111	Observing IMBH-IMBH Binary Coalescences via Gravitational Radiation. Astrophysical Journal, 2006, 646, L135-L138.	1.6	79
112	Threeâ€Body Dynamics with Gravitational Wave Emission. Astrophysical Journal, 2006, 640, 156-166.	1.6	114
113	Getting a Kick Out of Numerical Relativity. Astrophysical Journal, 2006, 653, L93-L96.	1.6	202
114	The coherence of kilohertz quasi-periodic oscillations in the X-rays from accreting neutron stars. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1140-1146.	1.6	89
115	The MODEST questions: Challenges and future directions in stellar cluster research. New Astronomy, 2006, 12, 201-214.	0.8	13
116	Understanding high-density matter through analysis of surface spectral lines and burst oscillations from accreting neutron stars. Advances in Space Research, 2006, 38, 2765-2767.	1.2	2
117	Production of QPOs in accreting neutron star systems. Advances in Space Research, 2006, 38, 2680-2683.	1.2	3
118	Constraints on the high-density nuclear equation of state from the phenomenology of compact stars and heavy-ion collisions. Physical Review C, 2006, 74, .	1.1	329
119	OBSERVATIONAL EVIDENCE FOR INTERMEDIATE-MASS BLACK HOLES IN ULTRA-LUMINOUS X-RAY SOURCES. , 2006, , .		3
120	IMPLICATIONS OF INTERMEDIATE-MASS BLACK HOLES FOR GRAVITATIONAL RADIATION. , 2006, , .		0
121	CONSTRAINTS ON SUPERDENSEMATTER FROM X-RAY BINARIES. , 2006, , 23-42.		0
122	Probing General Relativity with Mergers of Supermassive and Intermediateâ€Mass Black Holes. Astrophysical Journal, 2005, 618, 426-431.	1.6	36
123	Prompt Mergers of Neutron Stars with Black Holes. Astrophysical Journal, 2005, 626, L41-L44.	1.6	32
124	Binary Encounters with Supermassive Black Holes: Zero-Eccentricity LISA Events. Astrophysical Journal, 2005, 631, L117-L120.	1.6	85
125	An abrupt drop in the coherence of the lower kHz quasi-periodic oscillations in 4U 1636â^'536. Monthly Notices of the Royal Astronomical Society, 2005, 361, 855-860.	1.6	119
126	Drop of coherence of the lower kilo-Hz QPO in neutron stars: Is there a link with the innermost stable circular orbit?. Astronomische Nachrichten, 2005, 326, 808-811.	0.6	35

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127	Constraints on Neutron Star Parameters from Burst Oscillation Light Curves of the Accreting Millisecond Pulsar XTE J1814â˜’338. Astrophysical Journal, 2005, 619, 483-491.	1.6	73
128	INTERMEDIATE-MASS BLACK HOLES. International Journal of Modern Physics D, 2004, 13, 1-64.	0.9	354
129	Growth of Intermediateâ€Mass Black Holes in Globular Clusters. Astrophysical Journal, 2004, 616, 221-230.	1.6	113
130	Revealing a Cool Accretion Disk in the Ultraluminous Xâ€Ray Source M81 Xâ€9 (Holmberg IX Xâ€1): Evidence for an Intermediateâ€Mass Black Hole. Astrophysical Journal, 2004, 607, 931-938.	1.6	102
131	A Comparison of Intermediate-Mass Black Hole Candidate Ultraluminous X-Ray Sources and Stellar-Mass Black Holes. Astrophysical Journal, 2004, 614, L117-L120.	1.6	150
132	X-Ray Spectroscopic Evidence for Intermediate-Mass Black Holes: Cool Accretion Disks in Two Ultraluminous X-Ray Sources. Astrophysical Journal, 2003, 585, L37-L40.	1.6	248
133	Gravitational Radiation from Intermediateâ€Mass Black Holes. Astrophysical Journal, 2002, 581, 438-450.	1.6	77
134	Fourâ€Body Effects in Globular Cluster Black Hole Coalescence. Astrophysical Journal, 2002, 576, 894-898.	1.6	199
135	Production of intermediate-mass black holes in globular clusters. Monthly Notices of the Royal Astronomical Society, 2002, 330, 232-240.	1.6	382
136	Implications of the Narrow Period Distribution of Anomalous Xâ€Ray Pulsars and Soft Gammaâ€Ray Repeaters. Astrophysical Journal, 2002, 578, 325-329.	1.6	12
137	Small-Scale Structure Deduced from X- and Î³-ray Timing Measurements. Symposium - International Astronomical Union, 2001, 205, 244-251.	0.1	0
138	Changing Frequency Separation of Kilohertz Quasiâ€periodic Oscillations in the Sonicâ€Point Beatâ€Frequency Model. Astrophysical Journal, 2001, 554, 1210-1215.	1.6	82
139	Implications of the PSR 1257+12 Planetary System for Isolated Millisecond Pulsars. Astrophysical Journal, 2001, 550, 863-870.	1.6	42
140	Oscillation Waveforms and Amplitudes from Hot Spots on Neutron Stars. Astrophysical Journal, 2001, 546, 1098-1106.	1.6	49
141	Suppression of Gravitational Structure Formation by Cosmological Accretion Heating. Astrophysical Journal, 2001, 561, 496-503.	1.6	9
142	Reionization Constraints on the Contribution of Primordial Compact Objects to Dark Matter. Astrophysical Journal, 2000, 544, 43-48.	1.6	8
143	Precise Interplanetary Network Localization of the Bursting Pulsar GRO J1744â˜’28. Astrophysical Journal, 2000, 537, 953-957.	1.6	12
144	Extracting neutron star properties from X-ray burst oscillations. AIP Conference Proceedings, 2000, , .	0.3	0

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145	A Characterization of the Brightness Oscillations during Thermonuclear Bursts from 4U 1636â˘536. Astrophysical Journal, 2000, 531, 458-466.	1.6	19
146	Attenuation of Beaming Oscillations near Neutron Stars. Astrophysical Journal, 2000, 537, 342-350.	1.6	7
147	Gravitational lensing and the Hubble Deep Field. , 1999, , .		1
148	Rapid X-ray variability of neutron stars in low-mass binary systems. Nuclear Physics, Section B, Proceedings Supplements, 1999, 69, 113-122.	0.5	2
149	Gravitational Lensing Limits on the Average Redshift of GammaâRay Bursts. Astrophysical Journal, 1999, 510, 54-63.	1.6	13
150	A Lower Limit on documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{ enewcommandmdefault{wncyr} enewcommandsfdefault{wncyss} enewcommandencodingdefault{OT2} ormalfont selectfont} DeclareTextFontCommand{extcyr}	1.6	26
151	Effects of Radiation Forces on the Frequency of Gravitomagnetic Precession near Neutron Stars. Astrophysical Journal, 1999, 520, 256-261.	1.6	5
152	On the Magnetospheric BeatâFrequency and LenseâThirring Interpretations of the HorizontalâBranch Oscillation in the Z Sources. Astrophysical Journal, 1999, 520, 763-775.	1.6	61
153	Evidence for Antipodal Hot Spots During X-Ray Bursts from 4U 1636â˘536. Astrophysical Journal, 1999, 515, L77-L80.	1.6	42
154	Bounds on the Compactness of Neutron Stars from Brightness Oscillations during X-Ray Bursts. Astrophysical Journal, 1998, 499, L37-L40.	1.6	101
155	Models of kilohertz quasi-periodic brightness oscillations. , 1998, , .		0
156	Constraints on neutron star masses and radii from kilohertz QPOs. , 1998, , .		11
157	SonicâPoint Model of Kilohertz QuasiâPeriodic Brightness Oscillations in LowâMass XâRay Binaries. Astrophysical Journal, 1998, 508, 791-830.	1.6	390
158	Effects of Rapid Stellar Rotation on EquationâofâState Constraints Derived from QuasiâPeriodic Brightness Oscillations. Astrophysical Journal, 1998, 509, 793-801.	1.6	56
159	Spectral effects of the vacuum resonance in soft gamma-ray repeaters. Monthly Notices of the Royal Astronomical Society, 1997, 288, 596-608.	1.6	30
160	Magnetized Iron Atmospheres for Neutron Stars. Astrophysical Journal, 1997, 479, 347-356.	1.6	88
161	Optical/NearâInfrared Observations of GRO J1744â˘28. Astrophysical Journal, 1997, 480, 377-382.	1.6	16
162	Constraints on the Production of UltraâHighâEnergy Cosmic Rays by Isolated Neutron Stars. Astrophysical Journal, 1997, 484, 323-328.	1.6	42

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163	Motion of Accreting Matter near Luminous Slowly Rotating Relativistic Stars. Astrophysical Journal, 1996, 470, 1033.	1.6	58
164	Critical radiation fluxes and luminosities of black holes and relativistic stars. Astrophysical Journal, 1995, 439, 828.	1.6	34
165	Phase lags in Cygnus X-1. Astrophysical Journal, 1995, 441, 770.	1.6	18
166	Constraints on Hydrostatic Models of Soft Gamma-Ray Repeaters. Astrophysical Journal, 1995, 448, .	1.6	30
167	Reliability of magnetic inclination angle determinations for pulsars. Astrophysical Journal, 1993, 411, 298.	1.6	6
168	Effect of radiation forces on disk accretion by weakly magnetic neutron stars. Astrophysical Journal, 1993, 413, L43.	1.6	44
169	Model atmospheres for neutron stars. Monthly Notices of the Royal Astronomical Society, 1992, 255, 129-145.	1.6	39
170	Atoms in very strong magnetic fields. Monthly Notices of the Royal Astronomical Society, 1991, 253, 107-122.	1.6	36