ZoltÃ¡n Haiman

List of Publications by Year
in descending order

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203	15,878	10956	18075
papers	citations	71 h-index	120 g-index

204	204	204	6300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cosmological constraints from weak lensing peaks: Can halo models accurately predict peak counts?. Physical Review D, 2022, 105, .	1.6	3
2	Simultaneously constraining cosmology and baryonic physics via deep learning from weak lensing. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1518-1528.	1.6	16
3	The effect of mission duration on LISA science objectives. General Relativity and Gravitation, 2022, 54, 3.	0.7	24
4	Multimessenger Constraints on Magnetic Fields in Merging Black Holeâ€“Neutron Star Binaries. Astrophysical Journal, 2022, 927, 56.	1.6	8
5	Can Stellar-mass Black Hole Growth Disrupt Disks of Active Galactic Nuclei? The Role of Mechanical Feedback. Astrophysical Journal, 2022, 927, 41.	1.6	23
6	AGN as potential factories for eccentric black hole mergers. Nature, 2022, 603, 237-240.	13.7	67
7	The science case and challenges of space-borne sub-millimeter interferometry. Acta Astronautica, 2022, 196, 314-333.	1.7	15
8	Self-lensing flares from black hole binaries: General-relativistic ray tracing of black hole binaries. Physical Review D, 2022, 105, .	1.6	15
9	Self-Lensing Flares from Black Hole Binaries: Observing Black Hole Shadows via Light Curve Tomography. Physical Review Letters, 2022, 128, .	2.9	9
10	How Binaries Accrete: Hydrodynamic Simulations with Passive Tracer Particles. Astrophysical Journal, 2022, 932, 24.	1.6	8
11	Tidal Disruption on Stellar-mass Black Holes in Active Galactic Nuclei. Astrophysical Journal Letters, 2022, 933, L28.	3.0	13
12	Eccentric Black Hole Mergers in Active Galactic Nuclei. Astrophysical Journal Letters, 2021, 907, L20.	3.0	62
13	Î²TNG: effect of baryonic processes on weak lensing with IllustrisTNG simulations. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5593-5602.	1.6	14
14	Mass-gap Mergers in Active Galactic Nuclei. Astrophysical Journal, 2021, 908, 194.	1.6	86
15	Equilibrium Eccentricity of Accreting Binaries. Astrophysical Journal Letters, 2021, 909, L13.	3.0	50
16	Forming massive seed black holes in high-redshift quasar host progenitors. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5046-5060.	1.6	31
17	THEZA: TeraHertz Exploration and Zooming-in for Astrophysics. Experimental Astronomy, 2021, 51, 559-594.	1.6	17
18	High angular resolution gravitational wave astronomy. Experimental Astronomy, 2021, 51, 1441-1470.	1.6	21

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19	Accretion-Induced Collapse of Neutron Stars in the Disks of Active Galactic Nuclei. Astrophysical Journal, 2021, 915, 10.	1.6	27
20	Ultra-short-period massive black hole binary candidates in LSST as LISA â€˜verification binariesâ€™. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2408-2417.	1.6	17
21	The impact of baryons on cosmological inference from weak lensing statistics. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3406-3417.	1.6	10
22	Signatures of hierarchical mergers in black hole spin and mass distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3362-3380.	1.6	36
23	Unveiling the gravitational universe at Î¼-Hz frequencies. Experimental Astronomy, 2021, 51, 1333-1383.	1.6	88
24	Gravitational Wave Backgrounds from Coalescing Black Hole Binaries at Cosmic Dawn: An Upper Bound. Astrophysical Journal, 2021, 919, 41.	1.6	8
25	Evolution of gas discâ€“embedded intermediate mass ratio inspirals in theLISAband. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3540-3557.	1.6	38
26	Black Hole Mergers of AGN Origin in LIGOâ€“Virgoâ€™s O1â€“O3a Observing Periods. Astrophysical Journal Letters, 2021, 920, L42.	3.0	27
27	Binary black hole signatures in polarized light curves. Monthly Notices of the Royal Astronomical Society, 2021, 509, 212-223.	1.6	6
28	Nucleosynthetic signatures of primordial origin around supermassive black holes. Physical Review D, 2021, 104, .	1.6	3
29	The Assembly of the First Massive Black Holes. Annual Review of Astronomy and Astrophysics, 2020, 58, 27-97.	8.1	264
30	Testing the relativistic Doppler boost hypothesis for the binary candidate quasar PG1302-102 with multiband Swift data. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1683-1696.	1.6	11
31	Interpreting deep learning models for weak lensing. Physical Review D, 2020, 102, .	1.6	22
32	GW170817A as a Hierarchical Black Hole Merger. Astrophysical Journal Letters, 2020, 890, L20.	3.0	36
33	Correlation between optical and UV variability of a large sample of quasars. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1403-1413.	1.6	9
34	Cosmic Evolution of Stellar-mass Black Hole Merger Rate in Active Galactic Nuclei. Astrophysical Journal, 2020, 896, 138.	1.6	26
35	Spikey: self-lensing flares from eccentric SMBH binaries. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4061-4070.	1.6	25
36	Radiative feedback for supermassive star formation in a massive cloud with H2 molecules in an atomic-cooling halo. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5960-5971.	1.6	7

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37	Optimizing Simulation Parameters for Weak Lensing Analyses Involving Non-Gaussian Observables. Astronomical Journal, 2020, 159, 284.	1.9	7
38	Making a Supermassive Star by Stellar Bombardment. Astrophysical Journal, 2020, 892, 36.	1.6	47
39	Self-consistent Semianalytic Modeling of Feedback during Primordial Star Formation and Reionization. Astrophysical Journal, 2020, 897, 95.	1.6	30
40	Formation and Evolution of Compact-object Binaries in AGN Disks. Astrophysical Journal, 2020, 898, 25.	1.6	207
41	Spin Evolution of Stellar-mass Black Hole Binaries in Active Galactic Nuclei. Astrophysical Journal, 2020, 899, 26.	1.6	75
42	Gas-driven Inspiral of Binaries in Thin Accretion Disks. Astrophysical Journal, 2020, 900, 43.	1.6	73
43	Circumbinary Disks: Accretion and Torque as a Function of Mass Ratio and Disk Viscosity. Astrophysical Journal, 2020, 901, 25.	1.6	99
44	Chandra Observations of Candidate Subparsec Binary Supermassive Black Holes. Astrophysical Journal, 2020, 900, 148.	1.6	13
45	Black Hole Formation in the Lower Mass Gap through Mergers and Accretion in AGN Disks. Astrophysical Journal Letters, 2020, 901, L34.	3.0	61
46	Formation of GW190521 via Gas Accretion onto Population III Stellar Black Hole Remnants Born in High-redshift Minihalos. Astrophysical Journal Letters, 2020, 903, L21.	3.0	51
47	Suppression of H2-cooling in protogalaxies aided by trapped LyÎ± cooling radiation. Monthly Notices of the Royal Astronomical Society, 2020, 500, 138-144.	1.6	3
48	Titans of the early Universe: The Prato statement on the origin of the first supermassive black holes. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	114
49	Localization of binary black hole mergers with known inclination. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4459-4463.	1.6	14
50	The matter fluctuation amplitude inferred from the weak lensing power spectrum and correlation function in CFHTLenS data. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5033-5042.	1.6	3
51	Hierarchical Black Hole Mergers in Active Galactic Nuclei. Physical Review Letters, 2019, 123, 181101.	2.9	167
52	AGN Disks Harden the Mass Distribution of Stellar-mass Binary Black Hole Mergers. Astrophysical Journal, 2019, 876, 122.	1.6	103
53	Weak lensing cosmology with convolutional neural networks on noisy data. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1843-1860.	1.6	52
54	Constraining neutrino mass with weak lensing Minkowski Functionals. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 019-019.	1.9	44

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55	The impact of photometric redshift errors on lensing statistics in ray-tracing simulations. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2730-2753.	1.6	4
56	Probing gas disc physics with LISA: simulations of an intermediate mass ratio inspiral in an accretion disc. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2754-2765.	1.6	45
57	Non-steady-state long-term evolution of supermassive black hole binaries surrounded by accretion discs. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4383-4396.	1.6	8
58	Massive BH binaries as periodically variable AGN. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1579-1594.	1.6	44
59	H2self-shielding with non-LTE rovibrational populations: implications for cooling in protogalaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2467-2473.	1.6	20
60	The quest for dual and binary supermassive black holes: A multi-messenger view. New Astronomy Reviews, 2019, 86, 101525.	5.2	119
61	Learning from the machine. Nature Astronomy, 2019, 3, 18-19.	4.2	3
62	Interactions between multiple supermassive black holes in galactic nuclei: a solution to the final parsec problem. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3410-3433.	1.6	63
63	Testing the relativistic Doppler boost hypothesis for supermassive black hole binary candidates. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4617-4628.	1.6	34
64	MassiveNuS: cosmological massive neutrino simulations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 049-049.	1.9	82
65	Testing the Binary Hypothesis: Pulsar Timing Constraints on Supermassive Black Hole Binary Candidates. Astrophysical Journal, 2018, 856, 42.	1.6	53
66	The late inspiral of supermassive black hole binaries with circumbinary gas discs in the LISA band. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2249-2257.	1.6	76
67	Identifying Direct Collapse Black Hole Seeds through Their Small Host Galaxies. Astrophysical Journal Letters, 2018, 865, L9.	3.0	11
68	Constraining Stellar-mass Black Hole Mergers in AGN Disks Detectable with LIGO. Astrophysical Journal, 2018, 866, 66.	1.6	184
69	On the rate of black hole binary mergers in galactic nuclei due to dynamical hardening. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5672-5683.	1.6	128
70	Low-density, radiatively inefficient rotating-accretion flow on to a black hole. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1412-1426.	1.6	30
71	Non-Gaussian information from weak lensing data via deep learning. Physical Review D, 2018, 97, .	1.6	73
72	Self-consistent semi-analytic models of the first stars. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5246-5256.	1.6	35

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73	The X-ray Chirp of a Compact Black Hole Binary. Foundations of Physics, 2018, 48, 1430-1445.	0.6	3
74	Massive black hole and Population III galaxy formation in overmassive dark-matter haloes with violent merger histories. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4017-4027.	1.6	28
75	Gravitational Waves from Supermassive Black Hole Binaries in Ultraluminous Infrared Galaxies. Astrophysical Journal Letters, 2018, 863, L36.	3.0	17
76	LyÎ± emission-line reconstruction for high-zQSOs. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1814-1838.	1.6	77
77	Rapid formation of massive black holes in close proximity to embryonic protogalaxies. Nature Astronomy, 2017, 1, .	4.2	86
78	Rapid and Bright Stellar-mass Binary Black Hole Mergers in Active Galactic Nuclei. Astrophysical Journal, 2017, 835, 165.	1.6	371
79	Gravitational-wave localization alone can probe origin of stellar-mass black hole mergers. Nature Communications, 2017, 8, 831.	5.8	34
80	Electromagnetic chirp of a compact binary black hole: A phase template for the gravitational wave inspiral. Physical Review D, 2017, 96, .	1.6	44
81	Geometry and growth contributions to cosmic shear observables. Physical Review D, 2017, 96, .	1.6	11
82	Lighthouse in the dust: infrared echoes of periodic emission from massive black hole binariesâ˜…. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1198-1217.	1.6	20
83	Assisted inspirals of stellar mass black holes embedded in AGN discs: solving the â€˜final au problemâ€™. Monthly Notices of the Royal Astronomical Society, 2017, 464, 946-954.	1.6	335
84	On the orbital evolution of supermassive black hole binaries with circumbinary accretion discs. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4258-4267.	1.6	105
85	What is the maximum mass of a Population III galaxy?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1456-1465.	1.6	24
86	Validity of the Born approximation for beyond Gaussian weak lensing observables. Physical Review D, 2017, 95, .	1.6	49
87	Probing stellar binary black hole formation in galactic nuclei via the imprint of their center of mass acceleration on their gravitational wave signal. Physical Review D, 2017, 96, .	1.6	59
88	A Statistical Method for Detecting Gravitational Recoils of Supermassive Black Holes in Active Galactic Nuclei. Proceedings of the International Astronomical Union, 2016, 12, 227-230.	0.0	0
89	A transition in circumbinary accretion discs at a binary mass ratio of 1:25. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2379-2393.	1.6	79
90	Hyper-Eddington accretion flows on to massive black holes. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3738-3755.	1.6	148

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91	Hyper-Eddington mass accretion on to a black hole with super-Eddington luminosity. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4496-4504.	1.6	38
92	Cosmology with photometric weak lensing surveys: Constraints with redshift tomography of convergence peaks and moments. Physical Review D, 2016, 94, .	1.6	24
93	Do dark matter halos explain lensing peaks?. Physical Review D, 2016, 94, .	1.6	22
94	A population of short-period variable quasars from PTF as supermassive black hole binary candidates. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2145-2171.	1.6	168
95	Origin of weak lensing convergence peaks. Physical Review D, 2016, 94, .	1.6	34
96	IS THERE A MAXIMUM MASS FOR BLACK HOLES IN GALACTIC NUCLEI?. Astrophysical Journal, 2016, 828, 110.	1.6	42
97	Sample variance in weak lensing: How many simulations are required?. Physical Review D, 2016, 93, .	1.6	37
98	Gravitational wave background from Population III binary black holes consistent with cosmic reionization. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2722-2727.	1.6	61
99	CMB lensing beyond the power spectrum: Cosmological constraints from the one-point probability distribution function and peak counts. Physical Review D, 2016, 94, .	1.6	37
100	Intermediate-mass black holes from Population III remnants in the first galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4122-4134.	1.6	26
101	Cosmic Reionization and the First Nonlinear Structures in the Universe. Astrophysics and Space Science Library, 2016, , 1-22.	1.0	2
102	Emulating the CFHTLenS weak lensing data: Cosmological constraints from moments and Minkowski functionals. Physical Review D, 2015, 91, .	1.6	74
103	Looking for Population III stars with HeÂii line intensity mapping. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2506-2513.	1.6	26
104	A reduced orbital period for the supermassive black hole binary candidate in the quasar PG 1302-102?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2540-2545.	1.6	45
105	The origin of spin in galaxies: clues from simulations of atomic cooling haloes. Monthly Notices of the Royal Astronomical Society, 2015, 452, 784-802.	1.6	19
106	Cosmology constraints from the weak lensing peak counts and the power spectrum in CFHTLenS data. Physical Review D, 2015, 91, .	1.6	110
107	Characteristic signatures in the thermal emission from accreting binary black holes. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 446, L36-L40.	1.2	75
108	Multiple periods in the variability of the supermassive black hole binary candidate quasar PG1302-102?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 454, L21-L25.	1.2	19

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109	Relativistic boost as the cause of periodicity in a massive black-hole binary candidate. Nature, 2015, 525, 351-353.	13.7	118
110	Limits on Population III star formation in minihaloes implied byPlanck. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4457-4467.	1.6	48
111	Binary black hole accretion during inspiral and merger. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 447, L80-L84.	1.2	90
112	Impact of spurious shear on cosmological parameter estimates from weak lensing observables. Physical Review D, 2014, 90, .	1.6	11
113	CLOSE COMPANIONS TO TWO HIGH-REDSHIFT QUASARS. Astronomical Journal, 2014, 148, 73.	1.9	25
114	Evolution in the escape fraction of ionizing photons and the decline in strong LyÎ± emission from z > 6 galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3309-3316.	1.6	67
115	Stars as resonant absorbers of gravitational waves. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L74-L78.	1.2	13
116	Direct collapse black hole formation from synchronized pairs of atomic cooling haloes. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1056-1063.	1.6	92
117	H2 suppression with shocking inflows: testing a pathway for supermassive black hole formation. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3798-3807.	1.6	52
118	Impact of magnification and size bias on the weak lensing power spectrum and peak statistics. Physical Review D, 2014, 89, .	1.6	36
119	Does disc fragmentation prevent the formation of supermassive stars in protogalaxies?. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1549-1557.	1.6	65
120	High-redshift star formation in a time-dependent Lymanâ€“Werner background. Monthly Notices of the Royal Astronomical Society, 2014, 445, 107-114.	1.6	62
121	BINARY BLACK HOLE ACCRETION FROM A CIRCUMBINARY DISK: GAS DYNAMICS INSIDE THE CENTRAL CAVITY. Astrophysical Journal, 2014, 783, 134.	1.6	254
122	THE MIGRATION OF GAP-OPENING PLANETS IS NOT LOCKED TO VISCOUS DISK EVOLUTION. Astrophysical Journal Letters, 2014, 792, L10.	3.0	148
123	Gas Cloud G2 Can Illuminate the Black Hole Population Near the Galactic Center. Physical Review Letters, 2013, 110, 221102.	2.9	20
124	Baryon impact on weak lensing peaks and power spectrum: Low-bias statistics and self-calibration in future surveys. Physical Review D, 2013, 87, .	1.6	39
125	Evidence of Gunnâ€“Peterson damping wings in high-z quasar spectra: strengthening the case for incomplete reionization at z âˆ¼ 6â€“7. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3058-3071.	1.6	106
126	Gas infall into atomic cooling haloes: on the formation of protogalactic discs and supermassive black holes at z > 10. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2301-2325.	1.6	26

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127	Focusing on warm dark matter with lensed high-redshift galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 435, L53-L57.	1.2	58
128	Ripple effects and oscillations in the broad Fe KÎ± line as a probe of massive black hole mergers. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1468-1482.	1.6	39
129	Accretion into the central cavity of a circumbinary disc. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2997-3020.	1.6	185
130	EFFECT OF MEASUREMENT ERRORS ON PREDICTED COSMOLOGICAL CONSTRAINTS FROM SHEAR PEAK STATISTICS WITH LARGE SYNOPTIC SURVEY TELESCOPE. Astrophysical Journal, 2013, 774, 49.	1.6	20
131	Cosmology with Minkowski functionals and moments of the weak lensing convergence field. Physical Review D, 2013, 88, .	1.6	58
132	The Formation of the First Massive Black Holes. Astrophysics and Space Science Library, 2013, , 293-341.	1.0	50
133	X-ray emission from high-redshift miniquasars: self-regulating the population of massive black holes through global warming. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2974-2987.	1.6	59
134	Probing cosmology with weak lensing Minkowski functionals. Physical Review D, 2012, 85, .	1.6	73
135	Gas pile-up, gap overflow and Type 1.5 migration in circumbinary discs: application to supermassive black hole binaries. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2680-2700.	1.6	79
136	Gas pile-up, gap overflow and Type 1.5 migration in circumbinary discs: general theory. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2660-2679.	1.6	50
137	Electromagnetic counterparts of supermassive black hole binaries resolved by pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2012, 420, 705-719.	1.6	63
138	Feedback from the infrared background in the early Universe. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 425, L51-L55.	1.2	30
139	Improved models for cosmic infrared background anisotropies: new constraints on the infrared galaxy population. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2832-2845.	1.6	74
140	Cosmology with standard sirens: the importance of the shape of the lensing magnification distribution. Monthly Notices of the Royal Astronomical Society, 2011, 411, 9-22.	1.6	20
141	Suppression of HD cooling in protogalactic gas clouds by Lyman-Werner radiation. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2603-2616.	1.6	59
142	Photodissociation of H2 in protogalaxies: modelling self-shielding in three-dimensional simulations. Monthly Notices of the Royal Astronomical Society, 2011, 418, 838-852.	1.6	185
143	Cosmological information in weak lensing peaks. Physical Review D, 2011, 84, .	1.6	79
144	Imprint of Accretion Disk-Induced Migration on Gravitational Waves from Extreme Mass Ratio Inspirals. Physical Review Letters, 2011, 107, 171103.	2.9	83

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145	The Origin and Detection of High-Redshift Supermassive Black Holes. , 2010, , .		2
146	Supermassive black hole formation by direct collapse: keeping protogalactic gas H₂free in dark matter haloes with virial temperaturesT_{vir}>rsimâ€ƒ10⁴K. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1249-1262.	1.6	242
147	Probing cosmology with weak lensing peak counts. Physical Review D, 2010, 81, .	1.6	96
148	CONSTRAINING COSMOLOGY WITH HIGH-CONVERGENCE REGIONS IN WEAK LENSING SURVEYS. Astrophysical Journal, 2009, 691, 547-559.	1.6	32
149	THE POPULATION OF VISCOSITY- AND GRAVITATIONAL WAVE-DRIVEN SUPERMASSIVE BLACK HOLE BINARIES AMONG LUMINOUS ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 700, 1952-1969.	1.6	224
150	THE ASSEMBLY OF SUPERMASSIVE BLACK HOLES AT HIGH REDSHIFTS. Astrophysical Journal, 2009, 696, 1798-1822.	1.6	230
151	Identifying decaying supermassive black hole binaries from their variable electromagnetic emission. Classical and Quantum Gravity, 2009, 26, 094032.	1.5	47
152	Relic Hâ€ƒii regions and radiative feedback at high redshifts. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1650-1662.	1.6	23
153	Probing cosmology and galaxy cluster structure with the Sunyaevï¿½ï¿½ï¿½Zel'dovich decrement versus X-ray temperature scaling relation. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1085-1104.	1.6	8
154	Probing re-ionization with quasar spectra: the impact of the intrinsic LymanÃŽÂ±emission line shape uncertainty. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1493-1511.	1.6	19
155	ON THE OCCUPATION FRACTION OF SEED BLACK HOLES IN HIGH-REDSHIFT DARK MATTER HALOS. Astrophysical Journal, 2009, 701, 360-368.	1.6	33
156	The thickness of high-redshift quasar ionization fronts as a constraint on the ionizing spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1561-1575.	1.6	12
157	Fluctuations in the high-redshift Lyman-Werner background: close halo pairs as the origin of supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1961-1972.	1.6	221
158	Challenges to the DGP model from horizon-scale growth and geometry. Physical Review D, 2008, 78, .	1.6	121
159	Feedback Effects on Population III Star Formation. , 2008, , .		0
160	Can Supermassive Black Holes Form in Metalâ€enriched Highâ€Redshift Protogalaxies?. Astrophysical Journal, 2008, 686, 801-814.	1.6	197
161	Premerger Localization of Gravitational Wave Standard Sirens withLISA: Triggered Search for an Electromagnetic Counterpart. Astrophysical Journal, 2008, 684, 870-887.	1.6	80
162	Constraints on Reionization and Source Properties from the Absorption Spectra ofz> 6.2 Quasars. Astrophysical Journal, 2007, 660, 923-932.	1.6	58

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163	Constraining dark energy by combining cluster counts and shear-shear correlations in a weak lensing survey. Physical Review D, 2007, 75, .	1.6	24
164	Premerger localization of gravitational-wave standard sirens with LISA: Harmonic mode decomposition. Physical Review D, 2007, 76, .	1.6	39
165	Is modified gravity required by observations? An empirical consistency test of dark energy models. Physical Review D, 2007, 76, .	1.6	79
166	Finding the Electromagnetic Counterparts of Cosmological Standard Sirens. Astrophysical Journal, 2006, 637, 27-37.	1.6	126
167	UV radiative feedback on high-redshift proto-galaxies. Proceedings of the International Astronomical Union, 2006, 2, 269-269.	0.0	0
168	Was Star Formation Suppressed in Highâ€Redshift Minihalos?. Astrophysical Journal, 2006, 650, 7-11.	1.6	72
169	Feedback from Clustered Sources during Reionization. Astrophysical Journal, 2006, 649, 570-578.	1.6	24
170	Ultraviolet Radiative Feedback on Highâ€Redshift Protogalaxies. Astrophysical Journal, 2006, 648, 835-851.	1.6	59
171	The formation of the first black holes and their host halos. New Astronomy Reviews, 2006, 50, 672-676.	5.2	17
172	Gravitational Lensing Magnification without Multiple Imaging. Astrophysical Journal, 2005, 621, 559-573.	1.6	20
173	Constraints on the Smallâ€Scale Power Spectrum of Density Fluctuations from Highâ€Redshift Gammaâ€Ray Bursts. Astrophysical Journal, 2005, 623, 1-10.	1.6	42
174	Constraining the evolution of dark energy with a combination of galaxy cluster observables. Physical Review D, 2004, 70, .	1.6	83
175	Evidence of a Cosmological StrÃ¶mgren Surface and of Significant Neutral Hydrogen Surrounding the Quasar SDSS J1030+0524. Astrophysical Journal, 2004, 611, L69-L72.	1.6	117
176	Photoionization Feedback in Lowâ€Mass Galaxies at High Redshift. Astrophysical Journal, 2004, 601, 666-675.	1.6	225
177	A Limit from the Xâ€Ray Background on the Contribution of Quasars to Reionization. Astrophysical Journal, 2004, 613, 646-654.	1.6	135
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