Andrey Kravtsov

List of Publications by Year
in descending order

152	27,081	7069 78	8835 145
papers	citations	h-index	g-index

153	153	153	7884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Where Are the Missing Galactic Satellites?. Astrophysical Journal, 1999, 522, 82-92.	1.6	2,181
2	Toward a Halo Mass Function for Precision Cosmology: The Limits of Universality. Astrophysical Journal, 2008, 688, 709-728.	1.6	1,387
3	ChandraSample of Nearby Relaxed Galaxy Clusters: Mass, Gas Fraction, and Massâ€Temperature Relation. Astrophysical Journal, 2006, 640, 691-709.	1.6	1,100
4	Concentrations of Dark Halos from Their Assembly Histories. Astrophysical Journal, 2002, 568, 52-70.	1.6	953
5	Response of Dark Matter Halos to Condensation of Baryons: Cosmological Simulations and Improved Adiabatic Contraction Model. Astrophysical Journal, 2004, 616, 16-26.	1.6	746
6	The Dark Side of the Halo Occupation Distribution. Astrophysical Journal, 2004, 609, 35-49.	1.6	744
7	THE LARGE-SCALE BIAS OF DARK MATTER HALOS: NUMERICAL CALIBRATION AND MODEL TESTS. Astrophysical Journal, 2010, 724, 878-886.	1.6	733
8	Reionization and the Abundance of Galactic Satellites. Astrophysical Journal, 2000, 539, 517-521.	1.6	716
9	Modeling Luminosityâ€dependent Galaxy Clustering through Cosmic Time. Astrophysical Journal, 2006, 647, 201-214.	1.6	654
10	Formation of Galaxy Clusters. Annual Review of Astronomy and Astrophysics, 2012, 50, 353-409.	8.1	579
11	Adaptive Refinement Tree: A New Highâ€ResolutionNâ€Body Code for Cosmological Simulations. Astrophysical Journal, Supplement Series, 1997, 111, 73-94.	3.0	565
12	Effects of Galaxy Formation on Thermodynamics of the Intracluster Medium. Astrophysical Journal, 2007, 668, 1-14.	1.6	535
13	Fundamental differences between SPH and grid methods. Monthly Notices of the Royal Astronomical Society, 0, 380, 963-978.	1.6	525
14	The Tumultuous Lives of Galactic Dwarfs and the Missing Satellites Problem. Astrophysical Journal, 2004, 609, 482-497.	1.6	487
15	Galaxies inNâ€Body Simulations: Overcoming the Overmerging Problem. Astrophysical Journal, 1999, 516, 530-551.	1.6	431
16	The Dependence of Halo Clustering on Halo Formation History, Concentration, and Occupation. Astrophysical Journal, 2006, 652, 71-84.	1.6	430
17	Testing Xâ€Ray Measurements of Galaxy Clusters with Cosmological Simulations. Astrophysical Journal, 2007, 655, 98-108.	1.6	426
18	A New Robust Lowâ€Scatter Xâ€Ray Mass Indicator for Clusters of Galaxies. Astrophysical Journal, 2006, 650, 128-136.	1.6	394

#	Article	IF	Citations
19	Resolving the Structure of Cold Dark Matter Halos. Astrophysical Journal, 2001, 554, 903-915.	1.6	384
20	TOWARD A COMPLETE ACCOUNTING OF ENERGY AND MOMENTUM FROM STELLAR FEEDBACK IN GALAXY FORMATION SIMULATIONS. Astrophysical Journal, 2013, 770, 25.	1.6	371
21	Sample Variance Considerations for Cluster Surveys. Astrophysical Journal, 2003, 584, 702-715.	1.6	360
22	RESIDUAL GAS MOTIONS IN THE INTRACLUSTER MEDIUM AND BIAS IN HYDROSTATIC MEASUREMENTS OF MASS PROFILES OF CLUSTERS. Astrophysical Journal, 2009, 705, 1129-1138.	1.6	352
23	Effects of Baryons and Dissipation on the Matter Power Spectrum. Astrophysical Journal, 2008, 672, 19-32.	1.6	328
24	DEPENDENCE OF THE OUTER DENSITY PROFILES OF HALOS ON THEIR MASS ACCRETION RATE. Astrophysical Journal, 2014, 789, 1.	1.6	316
25	The Physics of Galaxy Clustering. I. A Model for Subhalo Populations. Astrophysical Journal, 2005, 624, 505-525.	1.6	300
26	A UNIVERSAL MODEL FOR HALO CONCENTRATIONS. Astrophysical Journal, 2015, 799, 108.	1.6	295
27	The Cores of Dark Matterâ€“Dominated Galaxies: Theory versus Observations. Astrophysical Journal, 1998, 502, 48-58.	1.6	294
28	The Origin of Angular Momentum in Dark Matter Halos. Astrophysical Journal, 2002, 581, 799-809.	1.6	290
29	The Effect of Gas Cooling on the Shapes of Dark Matter Halos. Astrophysical Journal, 2004, 611, L73-L76.	1.6	279
30	Formation of Globular Clusters in Hierarchical Cosmology. Astrophysical Journal, 2005, 623, 650-665.	1.6	278
31	Cold Dark Matter Substructure and Galactic Disks. I. Morphological Signatures of Hierarchical Satellite Accretion. Astrophysical Journal, 2008, 688, 254-276.	1.6	257
32	THE SIZE-VIRIAL RADIUS RELATION OF GALAXIES. Astrophysical Journal Letters, 2013, 764, L31.	3.0	252
33	Molecular Hydrogen and Global Star Formation Relations in Galaxies. Astrophysical Journal, 2008, 680, 1083-1111.	1.6	251
34	The Anisotropic Distribution of Galactic Satellites. Astrophysical Journal, 2005, 629, 219-232.	1.6	233
35	ON THE ACCURACY OF WEAK-LENSING CLUSTER MASS RECONSTRUCTIONS. Astrophysical Journal, 2011, 740, 25.	1.6	231
36	THE SPLASHBACK RADIUS AS A PHYSICAL HALO BOUNDARY AND THE GROWTH OF HALO MASS. Astrophysical Journal, 2015, 810, 36.	1.6	230

#	Article	IF	Citations
37	Escape of Ionizing Radiation from Highâ€Redshift Galaxies. Astrophysical Journal, 2008, 672, 765-775.	1.6	229
38	Constrained Simulations of the Real Universe. II. Observational Signatures of Intergalactic Gas in the Local Supercluster Region. Astrophysical Journal, 2002, 571, 563-575.	1.6	227
39	On the Origin of the Global Schmidt Law of Star Formation. Astrophysical Journal, 2003, 590, L1-L4.	1.6	219
40	MODELING MOLECULAR HYDROGEN AND STAR FORMATION IN COSMOLOGICAL SIMULATIONS. Astrophysical Journal, 2009, 697, 55-67.	1.6	215
41	The Radial Distribution of Galaxies in Î› Cold Dark Matter Clusters. Astrophysical Journal, 2005, 618, 557-568.	1.6	214
42	ENVIRONMENTAL DEPENDENCE OF THE KENNICUTT-SCHMIDT RELATION IN GALAXIES. Astrophysical Journal, 2011, 728, 88.	1.6	198
43	The Hierarchical Buildâ€Up of Massive Galaxies and the Intracluster Light sincez= 1. Astrophysical Journal, 2007, 668, 826-838.	1.6	188
44	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	3.0	185
45	ON THE INTERPLAY BETWEEN STAR FORMATION AND FEEDBACK IN GALAXY FORMATION SIMULATIONS. Astrophysical Journal, 2015, 804, 18.	1.6	180
46	Effects of Cooling and Star Formation on the Baryon Fractions in Clusters. Astrophysical Journal, 2005, 625, 588-598.	1.6	179
47	SIMULATIONS OF DISK GALAXIES WITH COSMIC RAY DRIVEN GALACTIC WINDS. Astrophysical Journal Letters, 2013, 777, L16.	3.0	165
48	THE PSEUDO-EVOLUTION OF HALO MASS. Astrophysical Journal, 2013, 766, 25.	1.6	156
49	Merging History as a Function of Halo Environment. Astrophysical Journal, 2001, 546, 223-233.	1.6	148
50	Modeling Galaxyâ€Mass Correlations in Dissipationless Simulations. Astrophysical Journal, 2004, 614, 533-546.	1.6	142
51	FUEL EFFICIENT GALAXIES: SUSTAINING STAR FORMATION WITH STELLAR MASS LOSS. Astrophysical Journal, 2011, 734, 48.	1.6	141
52	Density Profiles of Î›CDM Clusters. Astrophysical Journal, 2004, 607, 125-139.	1.6	135
53	DETECTION OF THE SPLASHBACK RADIUS AND HALO ASSEMBLY BIAS OF MASSIVE GALAXY CLUSTERS. Astrophysical Journal, 2016, 825, 39.	1.6	135
54	Evolution of Bias in Different Cosmological Models. Astrophysical Journal, 1999, 523, 32-53.	1.6	132

#	Article	IF	Citations
55	Dark Matter Substructure and Dwarf Galactic Satellites. Advances in Astronomy, 2010, 2010, 1-21.	0.5	132
56	COLD DARK MATTER SUBSTRUCTURE AND GALACTIC DISKS. II. DYNAMICAL EFFECTS OF HIERARCHICAL SATELLITE ACCRETION. Astrophysical Journal, 2009, 700, 1896-1920.	1.6	123
57	THE OVERDENSITY AND MASSES OF THE FRIENDS-OF-FRIENDS HALOS AND UNIVERSALITY OF HALO MASS FUNCTION. Astrophysical Journal, Supplement Series, 2011, 195, 4.	3.0	115
58	The Origin and Evolution of Halo Bias in Linear and Nonlinear Regimes. Astrophysical Journal, 1999, 520, 437-453.	1.6	115
59	Constrained Simulations of the Real Universe: The Local Supercluster. Astrophysical Journal, 2003, 596, 19-33.	1.6	113
60	STAR CLUSTER FORMATION IN COSMOLOGICAL SIMULATIONS. I. PROPERTIES OF YOUNG CLUSTERS. Astrophysical Journal, 2017, 834, 69.	1.6	107
61	Galaxy-galaxy lensing: dissipationless simulations versus the halo model. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1451-1462.	1.6	106
62	Cosmological Simulations of Galaxy Clusters. Advanced Science Letters, 2011, 4, 204-227.	0.2	106
63	THE X-FACTOR IN GALAXIES. I. DEPENDENCE ON ENVIRONMENT AND SCALE. Astrophysical Journal, 2012, 747, 124.	1.6	104
64	ON THE KENNICUTT-SCHMIDT RELATION OF LOW-METALLICITY HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2010, 714, 287-295.	1.6	103
65	Milky Way Satellite Census. II. Galaxyâ€“Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	1.6	101
66	ON DETERMINING THE SHAPE OF MATTER DISTRIBUTIONS. Astrophysical Journal, Supplement Series, 2011, 197, 30.	3.0	99
67	THE IMPACT OF STELLAR FEEDBACK ON THE STRUCTURE, SIZE, AND MORPHOLOGY OF GALAXIES IN MILKY-WAY-SIZED DARK MATTER HALOS. Astrophysical Journal, 2016, 824, 79.	1.6	96
68	Velocity Bias in a Î› Cold Dark Matter Model. Astrophysical Journal, 2000, 539, 561-569.	1.6	94
69	Cosmological radiative transfer comparison project Ã¢Â€Â“ II. The radiation-hydrodynamic tests. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1283-1316.	1.6	94
70	The Splashback Radius of Halos from Particle Dynamics. II. Dependence on Mass, Accretion Rate, Redshift, and Cosmology. Astrophysical Journal, 2017, 843, 140.	1.6	94
71	Quantifying properties of ICM inhomogeneities. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3274-3287.	1.6	93
72	NONUNIVERSAL STAR FORMATION EFFICIENCY IN TURBULENT ISM. Astrophysical Journal, 2016, 826, 200.	1.6	92

#	Article	IF	Citations
73	ON DETECTING HALO ASSEMBLY BIAS WITH GALAXY POPULATIONS. Astrophysical Journal, 2016, 819, 119.	1.6	91
74	The Physical Origin of Long Gas Depletion Times in Galaxies. Astrophysical Journal, 2017, 845, 133.	1.6	88
75	Supersonic motions of galaxies in clusters. Monthly Notices of the Royal Astronomical Society, 2005, 358, 139-148.	1.6	87
76	The Robustness of Dark Matter Density Profiles in Dissipationless Mergers. Astrophysical Journal, 2006, 641, 647-664.	1.6	85
77	COLLAPSE BARRIERS AND HALO ABUNDANCE: TESTING THE EXCURSION SET ANSATZ. Astrophysical Journal, 2009, 696, 636-652.	1.6	84
78	Scaling Relations of Dwarf Galaxies without Supernovaâ€driven Winds. Astrophysical Journal, 2008, 672, 888-903.	1.6	82
79	Computational Eulerian hydrodynamics and Galilean invariance. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2463-2476.	1.6	79
80	BARYON CONTENT OF MASSIVE GALAXY CLUSTERS AT z = 0-0.6. Astrophysical Journal Letters, 2012, 745, L3.	3.0	79
81	Density profiles of dark matter haloes: diversity and dependence on environment. Monthly Notices of the Royal Astronomical Society, 1999, 310, 527-539.	1.6	78
82	A Large Dark Matter Core in the Fornax Dwarf Spheroidal Galaxy?. Astrophysical Journal, 2006, 652, 306-312.	1.6	78
83	The Halo Boundary of Galaxy Clusters in the SDSS. Astrophysical Journal, 2017, 841, 18.	1.6	78
84	Effect of Internal Flows on Sunyaevâ€Zeldovich Measurements of Cluster Peculiar Velocities. Astrophysical Journal, 2003, 587, 524-532.	1.6	75
85	Fossils of Reionization in the Local Group. Astrophysical Journal, 2006, 645, 1054-1061.	1.6	73
86	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. Astrophysical Journal, 2018, 864, 83.	1.6	69
87	Lensing Optical Depths for Substructure and Isolated Dark Matter Halos. Astrophysical Journal, 2003, 592, 24-31.	1.6	68
88	Splashback Shells of Cold Dark Matter Halos. Astrophysical Journal, 2017, 841, 34.	1.6	67
89	How Galaxies Form Stars: The Connection between Local and Global Star Formation in Galaxy Simulations. Astrophysical Journal, 2018, 861, 4.	1.6	66
90	From dawn till disc: Milky Wayâ€™s turbulent youth revealed by the APOGEE+Gaia data. Monthly Notices of the Royal Astronomical Society, 2022, 514, 689-714.	1.6	66

#	Article	IF	Citations
91	IMPLEMENTING THE DC MODE IN COSMOLOGICAL SIMULATIONS WITH SUPERCOMOVING VARIABLES. Astrophysical Journal, Supplement Series, 2011, 194, 46.	3.0	65
92	Quenching of satellite galaxies at the outskirts of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3654-3681.	1.6	59
93	Column density profiles of multiphase gaseous haloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1164-1187.	1.6	58
94	Constraining the Projected Radial Distribution of Galactic Satellites with the Sloan Digital Sky Survey. Astrophysical Journal, 2006, 647, 86-101.	1.6	56
95	THE IMPACT OF BARYON PHYSICS ON THE STRUCTURE OF HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2012, 748, 54.	1.6	56
96	SHAPES OF GAS, GRAVITATIONAL POTENTIAL, AND DARK MATTER IN Î›CDM CLUSTERS. Astrophysical Journal, 2011, 734, 93.	1.6	55
97	On the supernova heating of the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2000, 318, 227-238.	1.6	52
98	Cold Fronts in Cold Dark Matter Clusters. Astrophysical Journal, 2003, 587, 514-523.	1.6	52
99	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2900-2918.	1.6	52
100	CONSTRAINING HALO OCCUPATION PROPERTIES OF X-RAY ACTIVE GALACTIC NUCLEI USING CLUSTERING OFCHANDRASOURCES IN THE BOÃ–TES SURVEY REGION. Astrophysical Journal, 2011, 741, 15.	1.6	51
101	PREVENTING STAR FORMATION IN EARLY-TYPE GALAXIES WITH LATE-TIME STELLAR HEATING. Astrophysical Journal, 2015, 803, 77.	1.6	51
102	Signatures of self-interacting dark matter on cluster density profile and subhalo distributions. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	1.9	50
103	ON THE MASS OF THE LOCAL GROUP. Astrophysical Journal, 2014, 793, 91.	1.6	47
104	THE METAL-ENRICHED OUTER DISK OF NGC 2915. Astrophysical Journal, 2010, 715, 656-664.	1.6	45
105	THE X-FACTOR IN GALAXIES. II. THE MOLECULAR-HYDROGEN-STAR-FORMATION RELATION. Astrophysical Journal, 2012, 758, 127.	1.6	45
106	Resolving Gas Dynamics in the Circumnuclear Region of a Disk Galaxy in a Cosmological Simulation. Astrophysical Journal, 2008, 678, 154-167.	1.6	44
107	The three causes of low-mass assembly bias. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4763-4782.	1.6	42
108	Enforcing the Courantâ€“Friedrichsâ€“Lewy condition in explicitly conservative local time stepping schemes. Journal of Computational Physics, 2018, 359, 93-105.	1.9	41

#	Article	IF	Citations
109	Constraints on the ICM velocity power spectrum from the X-ray lines width and shift. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2712-2724.	1.6	40
110	The Impact of Baryonic Cooling on Giant Arc Abundances. Astrophysical Journal, 2008, 687, 22-38.	1.6	39
111	ON THE INTERMEDIATE-REDSHIFT CENTRAL STELLAR MASS-HALO MASS RELATION, AND IMPLICATIONS FOR THE EVOLUTION OF THE MOST MASSIVE GALAXIES SINCE z â^¼ 1. Astrophysical Journal Letters, 2014, 797, L27.	3.0	37
112	SATELLITES IN MILKY-WAY-LIKE HOSTS: ENVIRONMENT DEPENDENCE AND CLOSE PAIRS. Astrophysical Journal, 2013, 770, 96.	1.6	35
113	Bias from gas inhomogeneities in the pressure profiles as measured from X-ray and Sunyaevâ€“Zeldovich observations. Monthly Notices of the Royal Astronomical Society, 2013, 431, 954-965.	1.6	33
114	Cosmic-Ray Diffusion Suppression in Star-forming Regions Inhibits Clump Formation in Gas-rich Galaxies. Astrophysical Journal, 2021, 910, 126.	1.6	32
115	Evolution of the dark matter phase-space density distributions of Î›CDM haloes. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1225-1236.	1.6	31
116	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	1.6	31
117	Modelling mass distribution in elliptical galaxies: mass profiles and their correlation with velocity dispersion profiles. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3670-3687.	1.6	30
118	The role of penetrating gas streams in setting the dynamical state of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 461, 412-432.	1.6	30
119	On Relaxation Processes in Collisionless Mergers. Astrophysical Journal, 2007, 658, 731-747.	1.6	27
120	CONSTRAINING CLUSTER PHYSICS WITH THE SHAPE OF X-RAY CLUSTERS: COMPARISON OF LOCAL X-RAY CLUSTERS VERSUS Î›CDM CLUSTERS. Astrophysical Journal, 2012, 755, 116.	1.6	27
121	Imprints of mass accretion history on the shape of the intracluster medium and the TXâ€“M relation. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2380-2389.	1.6	27
122	ON THE EVOLUTION OF CLUSTER SCALING RELATIONS. Astrophysical Journal, 2013, 779, 159.	1.6	24
123	ON THE ORIGIN OF THE HIGH COLUMN DENSITY TURNOVER IN THE H I COLUMN DENSITY DISTRIBUTION. Astrophysical Journal, 2012, 761, 54.	1.6	23
124	Galaxy orbits and the intracluster gas temperature in clusters. Monthly Notices of the Royal Astronomical Society, 2006, 370, 427-434.	1.6	22
125	Estimation of the nuclear fusion rate in the dÎ¼3He molecule. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 219, 86-88.	0.9	19
126	Impact of Dark Matter Substructure on the Matter and Weakâ€Lensing Power Spectra. Astrophysical Journal, 2005, 633, 537-541.	1.6	19

#	Article	IF	Citations
127	The shape of galaxy cluster dark matter haloes: systematics of its imprint on cluster gas and comparison to observations. Monthly Notices of the Royal Astronomical Society, 2007, 377, 883-896.	1.6	19
128	Thermal instability in the CGM of Lâ‹† galaxies: testing â€˜precipitationâ€™ models with the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1841-1862.	1.6	19
129	Muon transfer in excited muonic hydrogen. Physical Review A, 1994, 50, 518-524.	1.0	18
130	What Sets the Slope of the Molecular Kennicuttâ€“Schmidt Relation?. Astrophysical Journal, 2019, 870, 79.	1.6	18
131	Spatial Decorrelation of Young Stars and Dense Gas as a Probe of the Star Formationâ€“Feedback Cycle in Galaxies. Astrophysical Journal, 2021, 918, 13.	1.6	18
132	<scp>grumpy</scp>: a simple framework for realistic forward modelling of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2667-2691.	1.6	18
133	Observing the circumgalactic medium of simulated galaxies through synthetic absorption spectra. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1822-1835.	1.6	17
134	The Sheet of Giants: Unusual properties of the Milky Wayâ€™s immediate neighbourhood. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2600-2617.	1.6	17
135	Improving Parallel IO Performance of Cell-based AMR Cosmology Applications. , 2012, , .		16
136	Elastic scattering of excited muonic hydrogen. Physical Review A, 1996, 53, 4169-4175.	1.0	15
137	Umbrella sampling: a powerful method to sample tails of distributions. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4069-4079.	1.6	15
138	ULTRA-FAINT DWARF GALAXIES AS A TEST OF EARLY ENRICHMENT AND METALLICITY-DEPENDENT STAR FORMATION. Astrophysical Journal, 2012, 745, 68.	1.6	13
139	Clustering constraints on the relative sizes of central and satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1805-1819.	1.6	11
140	Evolution of splashback boundaries and gaseous outskirts: insights from mergers of self-similar galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 506, 839-863.	1.6	10
141	Gamma-ray and electron spectra from decay of hydrogen-helium muonic molecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 233, 405-409.	0.9	8
142	EVOLUTION OF DARK MATTER PHASE-SPACE DENSITY DISTRIBUTIONS IN EQUAL-MASS HALO MERGERS. Astrophysical Journal, 2009, 698, 1813-1825.	1.6	8
143	Distribution of annihilation luminosities in dark matter substructure. Physical Review D, 2010, 82, .	1.6	7
144	Performance Emulation of Cell-Based AMR Cosmology Simulations. , 2011, , .		7

#	Article	IF	Citations
145	Hierarchical task mapping of cell-based AMR cosmology simulations. , 2012, , .		7
146	A Transparent Collective I/O Implementation. , 2013, , .		6
147	Energy distributions of excited muonic atoms in deuterium-tritium gas mixtures. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 155-174.	0.4	4
148	Simulating the formation of galaxy clusters. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	4
149	Muonic hydrogen scattering by light nuclei. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 223, 129-131.	0.9	3
150	Stellar-mass Measurements in A133 with Magellan/IMACS. Astrophysical Journal, 2020, 892, 34.	1.6	1
151	On the Kennicutt-Schmidt Relation of Low-Metallicity High-Redshift Galaxies. , 2010, , .		0
152	Dwarf-Galaxy Cosmology. Advances in Astronomy, 2010, 2010, 1-2.	0.5	0