

A Chandra View of Dark Matter in Early-Type Galaxies

Astrophysical Journal

646, 899-918

DOI: 10.1086/505019

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Hot Gas Content of Low-Luminosity Early-Type Galaxies and the Implications Regarding Supernova Heating and Active Galactic Nucleus Feedback. <i>Astrophysical Journal</i> , 2006, 653, 207-221.	4.5	80
2	The Absence of Adiabatic Contraction of the Radial Dark Matter Profile in the Galaxy Cluster A2589. <i>Astrophysical Journal</i> , 2006, 650, 777-790.	4.5	62
3	Empirical Models for Dark Matter Halos. III. The Kormendy Relation and the $\log_{10}(\sigma/\text{km s}^{-1})$ vs $\log_{10}(M_{\text{tot}}/M_{\odot})$ Relation. <i>Astronomical Journal</i> , 2006, 132, 2711-2716.	4.7	52
4	Density profiles of galaxy groups and clusters from SDSS galaxy-galaxy weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 758-776.	4.4	196
5	The globular cluster kinematics and galaxy dark matter content of NGC 4649 (M60). <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 157-166.	4.4	48
6	The Sloan Lens ACS Survey. IV. The Mass Density Profile of Early-Type Galaxies out to 100 Effective Radii. <i>Astrophysical Journal</i> , 2007, 667, 176-190.	4.5	385
7	The Hot Interstellar Medium of Normal Elliptical Galaxies. I. A Chandra Gas Gallery and Comparison of X-Ray and Optical Morphology. <i>Astrophysical Journal</i> , 2007, 668, 150-167.	4.5	75
8	Probing the Mass Distributions in NGC 1407 and Its Associated Group with the X-Ray Imaging Spectroscopic and Optical Photometric and Line-Strength Indices Data. <i>Astrophysical Journal</i> , 2007, 656, 805-817.	4.5	18
9	Radial Density Profiles of Time-Delay Lensing Galaxies. <i>Astrophysical Journal</i> , 2007, 667, 645-654.	4.5	32
10	Dark Matter Halos of Disk Galaxies: Constraints from the Tully-Fisher Relation. <i>Astrophysical Journal</i> , 2007, 671, 1115-1134.	4.5	70
11	On the Anomalous Temperature Distribution of the Intergalactic Medium in the NGC 3411 Group of Galaxies. <i>Astrophysical Journal</i> , 2007, 658, 299-313.	4.5	36
12	Radiative Feedback from Massive Black Holes in Elliptical Galaxies: AGN Flaring and Central Starburst Fueled by Recycled Gas. <i>Astrophysical Journal</i> , 2007, 665, 1038-1056.	4.5	329
13	Probing the Dark Matter and Gas Fraction in Relaxed Galaxy Groups with X-Ray Observations from Chandra and XMM-Newton. <i>Astrophysical Journal</i> , 2007, 669, 158-183.	4.5	141
14	Joint Analysis of Cluster Observations. I. Mass Profile of Abell 478 from Combined X-Ray, Sunyaev-Zeldovich, and Weak-Lensing Data. <i>Astrophysical Journal</i> , 2007, 664, 162-180.	4.5	48
15	The Baryon Fractions and Mass-to-Light Ratios of Early-Type Galaxies. <i>Astrophysical Journal</i> , 2007, 671, 1568-1578.	4.5	83
16	Bright and dark matter in elliptical galaxies: mass and velocity distributions from self-consistent hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 39-60.	4.4	27
17	Scaling relations in fossil galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 595-606.	4.4	97
18	The dark haloes of early-type galaxies in low-density environments: XMM-Newton and Chandra observations of NGC 57, 7796 and IC 1531*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 1409-1421.	4.4	28

#	ARTICLE	IF	CITATIONS
19	Dynamical modelling of luminous and dark matter in 17 Coma early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 382, 657-684.	4.4	150
20	The role of thermal evaporation in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2007, 382, 1481-1493.	4.4	34
21	Gravitational quenching in massive galaxies and clusters by clumpy accretion. Monthly Notices of the Royal Astronomical Society, 0, 383, 119-138.	4.4	158
22	Astrophysics in 2006. Space Science Reviews, 2007, 132, 1-182.	8.1	9
23	Precision Cosmology: Successes and Challenges. Nuclear Physics, Section B, Proceedings Supplements, 2007, 173, 1-5.	0.4	16
24	Dark matter content and internal dynamics of NGC 4697: nmagic particle models from slit data and planetary nebula velocities. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1729-1748.	4.4	87
25	Enormous disc of cool gas surrounding the nearby powerful radio galaxy NGC 612 (PKS 131+36). Monthly Notices of the Royal Astronomical Society, 2008, 387, 197-208.	4.4	33
26	X-ray group and cluster mass profiles in MOND: unexplained mass on the group scale. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1470-1480.	4.4	82
27	Measuring the non-thermal pressure in early-type galaxy atmospheres: a comparison of X-ray and optical potential profiles in M87 and NGC 1399. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1062-1078.	4.4	131
28	A revised Λ CDM mass model for the Andromeda Galaxy. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1911-1923.	4.4	61
29	Concentration, spin and shape of dark matter haloes as a function of the cosmological model: Λ CDM, Λ CDM+ Ω_b and Λ CDM+ Ω_c results. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1940-1954.	4.4	563
30	Low-Mass X-ray Binaries and Globular Clusters in Early-type Galaxies. I. Chandra Observations. Astrophysical Journal, 2008, 689, 983-1004.	4.5	53
31	The Hot Interstellar Medium in Normal Elliptical Galaxies. III. The Thermal Structure of the Gas. Astrophysical Journal, 2008, 687, 986-996.	4.5	45
32	XMM-UKS2: Study Systematics on the ICM Metallicity Measurements. Astrophysical Journal, 2008, 674, 728-741.	4.5	65
33	Washington CCD Photometry of the Globular Cluster System of the Giant Elliptical Galaxy M60 in Virgo. Astrophysical Journal, 2008, 682, 135-154.	4.5	40
34	The Hot Interstellar Medium of Normal Elliptical Galaxies. II. Morphological Evidence for Active Galactic Nucleus Feedback. Astrophysical Journal, 2008, 680, 897-910.	4.5	37
35	Weighing the Quiescent Central Black Hole in an Elliptical Galaxy with X-ray Emitting Gas. Astrophysical Journal, 2008, 683, 161-171.	4.5	45
36	The Globular Cluster System of M60 (NGC 4649). II. Kinematics of the Globular Cluster System. Astrophysical Journal, 2008, 674, 869-885.	4.5	51

#	ARTICLE	IF	CITATIONS
37	X-RAY ISOPHOTES IN A RAPIDLY ROTATING ELLIPTICAL GALAXY: EVIDENCE OF INFLOWING GAS. <i>Astrophysical Journal</i> , 2009, 705, 1672-1685.	4.5	18
38	FEEDBACK FROM CENTRAL BLACK HOLES IN ELLIPTICAL GALAXIES. I. MODELS WITH EITHER RADIATIVE OR MECHANICAL FEEDBACK BUT NOT BOTH. <i>Astrophysical Journal</i> , 2009, 699, 89-104.	4.5	127
39	<i>CHANDRA</i> STUDIES OF THE X-RAY GAS PROPERTIES OF GALAXY GROUPS. <i>Astrophysical Journal</i> , 2009, 693, 1142-1172.	4.5	459
40	COMPARING X-RAY AND DYNAMICAL MASS PROFILES IN THE EARLY-TYPE GALAXY NGC 4636. <i>Astrophysical Journal</i> , 2009, 706, 980-994.	4.5	27
41	LOW-MASS X-RAY BINARIES AND GLOBULAR CLUSTERS IN EARLY-TYPE GALAXIES. II. GLOBULAR CLUSTER CANDIDATES AND THEIR MASS-METALLICITY RELATION. <i>Astrophysical Journal</i> , 2009, 690, 512-525.	4.5	13
42	Ï† ² AND POISSONIAN DATA: BIASES EVEN IN THE HIGH-COUNT REGIME AND HOW TO AVOID THEM. <i>Astrophysical Journal</i> , 2009, 693, 822-829.	4.5	92
43	HYDROSTATIC GAS CONSTRAINTS ON SUPERMASSIVE BLACK HOLE MASSES: IMPLICATIONS FOR HYDROSTATIC EQUILIBRIUM AND DYNAMICAL MODELING IN A SAMPLE OF EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2009, 703, 1257-1277.	4.5	45
44	The diverse X-ray properties of four truly isolated elliptical galaxies: NGC 2954, NGC 6172, NGC 7052, and NGC 7785. <i>Astronomy and Astrophysics</i> , 2009, 497, 359-370.	5.1	23
45	MAPPING THE DARK SIDE WITH DEIMOS: GLOBULAR CLUSTERS, X-RAY GAS, AND DARK MATTER IN THE NGC 1407 GROUP. <i>Astronomical Journal</i> , 2009, 137, 4956-4987.	4.7	88
46	Hidden charged dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 004-004.	5.4	341
47	The Planetary Nebula Spectrograph elliptical galaxy survey: the dark matter in NGC 4494. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 329-353.	4.4	104
48	The relation between stellar mass and weak lensing signal around galaxies: implications for modified Newtonian dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 885-893.	4.4	24
49	Crash-testing the cauldron code for joint lensing and dynamics analysis of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1114-1126.	4.4	19
50	Is an 11 eV sterile neutrino consistent with clusters, the cosmic microwave background and modified Newtonian dynamics?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 527-532.	4.4	88
51	Dearth of dark matter or massive dark halo? Mass-shape-anisotropy degeneracies revealed by nmagic dynamical models of the elliptical galaxy NGC 3379. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 76-96.	4.4	95
52	A statistical analysis of the Two-Dimensional XMM-Newton Group Survey: the impact of feedback on group properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1287-1308.	4.4	31
53	Two-dimensional kinematics of SLACS lenses - II. Combined lensing and dynamics analysis of early-type galaxies at $z = 0.08-0.33$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 21-36.	4.4	103
54	Stellar velocity profiles and line strengths out to four effective radii in the early-type galaxies NGC 3379 and 821. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 561-574.	4.4	113

#	ARTICLE	IF	CITATIONS
55	X-rays and dynamics. Proceedings of the International Astronomical Union, 2009, 5, 91-91.	0.0	0
56	Hot gas morpoloy, thermal structure, and the AGN connection in elliptical galaxies. Proceedings of the International Astronomical Union, 2009, 5, 275-276.	0.0	0
57	FEEDBACK FROM CENTRAL BLACK HOLES IN ELLIPTICAL GALAXIES. II. CAN PURELY MECHANICAL ENERGY FEEDBACK MODELS WORK?. Astrophysical Journal, 2010, 711, 268-283.	4.5	26
58	THE INITIAL MASS FUNCTION OF EARLY-TYPE GALAXIES. Astrophysical Journal, 2010, 709, 1195-1202.	4.5	332
59	THE INTERGALACTIC STELLAR POPULATION FROM MERGERS OF ELLIPTICAL GALAXIES WITH DARK MATTER HALOS. Astrophysical Journal, 2010, 710, 1589-1595.	4.5	1
60	THE SUPERMASSIVE BLACK HOLE AND DARK MATTER HALO OF NGC 4649 (M60). Astrophysical Journal, 2010, 711, 484-494.	4.5	84
61	COSMIC EVOLUTION OF VIRIAL AND STELLAR MASS IN MASSIVE EARLY-TYPE GALAXIES. Astrophysical Journal, 2010, 716, 1579-1595.	4.5	41
62	Strong Lensing by Galaxies. Annual Review of Astronomy and Astrophysics, 2010, 48, 87-125.	24.3	330
63	Distinguishing dark matter annihilation enhancement scenarios via halo shapes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 70-73.	4.1	33
64	Steeptening mass profiles, dark matter and environment of X-ray bright elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1362-1378.	4.4	42
65	Equilibrium configurations of 11 eV sterile neutrinos in MONDian galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2010, 402, 395-408.	4.4	40
66	The slope of the mass profile and the tilt of the Fundamental Plane in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 403, 2143-2151.	4.4	73
67	Comparison of approximately isothermal gravitational potentials of elliptical galaxies based on X-ray and optical data. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	28
68	Polytropic dark haloes of elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	9
69	Kinematic deprojection and mass inversion of spherical systems of known velocity anisotropy. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2433-2450.	4.4	40
70	Globular cluster systems in nearby dwarf galaxies - III. Formation efficiencies of old globular clustersâ~.... Monthly Notices of the Royal Astronomical Society, 0, , no-no.	4.4	85
71	The non-evolving internal structure of early-type galaxies: the case study SDSSâ€fJ0728+3835 at z= 0.206. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2339-2351.	4.4	12
72	A SYSTEMATIC SEARCH FOR X-RAY CAVITIES IN THE HOT GAS OF GALAXY GROUPS. Astrophysical Journal, 2010, 712, 883-900.	4.5	76

#	ARTICLE	IF	CITATIONS
73	Testing adiabatic contraction of dark matter in fossil group candidates. <i>Astronomy and Astrophysics</i> , 2010, 517, A52.	5.1	27
74	Mass profiles and $\rho_c \sim \rho_{DM}$ relation in X-ray luminous galaxy clusters. <i>Astronomy and Astrophysics</i> , 2010, 524, A68.	5.1	132
75	THE KINEMATICS OF THE GLOBULAR CLUSTER SYSTEM OF NGC 5128 WITH A NEW LARGE SAMPLE OF RADIAL VELOCITY MEASUREMENTS. <i>Astronomical Journal</i> , 2010, 139, 1871-1888.	4.7	60
76	Halo-Shape and Relic-Density Exclusions of Sommerfeld-Enhanced Dark Matter Explanations of Cosmic Ray Excesses. <i>Physical Review Letters</i> , 2010, 104, 151301.	7.8	257
77	The Abundance Pattern of O, Ne, Mg, and Fe in the Interstellar Medium of S0 Galaxy NGC 4382 Observed with Suzaku. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 787-796.	2.5	7
78	Dark-matter decays and self-gravitating halos. <i>Physical Review D</i> , 2010, 81, .	4.7	50
79	Mapping the allowed parameter space for decaying dark matter models. <i>Physical Review D</i> , 2010, 81, .	4.7	33
80	Dark Matter Candidates from Particle Physics and Methods of Detection. <i>Annual Review of Astronomy and Astrophysics</i> , 2010, 48, 495-545.	24.3	956
81	Turning off the lights: How dark is dark matter?. <i>Physical Review D</i> , 2011, 83, .	4.7	157
82	WIMPless dark matter in anomaly-mediated supersymmetry breaking with hidden QED. <i>Physical Review D</i> , 2011, 84, .	4.7	12
83	PLANETARY NEBULAE IN THE ELLIPTICAL GALAXY NGC 4649 (M 60): KINEMATICS AND DISTANCE REDETERMINATION. <i>Astrophysical Journal</i> , 2011, 736, 65.	4.5	28
84	Galaxy Rotation Curves in the Context of LambdaCDM Cosmology. , 2011, , .		0
85	Dark matter halos around isolated ellipticals. <i>Astronomy and Astrophysics</i> , 2011, 534, A50.	5.1	27
86	A CENSUS OF BARYONS AND DARK MATTER IN AN ISOLATED, MILKY WAY SIZED ELLIPTICAL GALAXY. <i>Astrophysical Journal</i> , 2011, 729, 53.	4.5	62
87	GALAXY KINEMATICS WITH VIRUS-P: THE DARK MATTER HALO OF M87. <i>Astrophysical Journal</i> , 2011, 729, 129.	4.5	89
88	The PN.S Elliptical Galaxy Survey: a standard Λ CDM halo around NGC 4374?.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2035-2053.	4.4	80
89	Cusped mass density profiles and magnification ratios of double-image gravitational lenses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2121-2139.	4.4	1
90	Using nmagic to probe the dark matter halo and orbital structure of the X-ray bright, massive elliptical galaxy, NGC 4649. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1244-1258.	4.4	44

#	ARTICLE	IF	CITATIONS
91	Interaction between the intergalactic medium and central radio source in the NGC 4261 group of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2916-2931.	4.4	40
92	Properties of Dust and PAHs in the Hot Plasma of the Elliptical Galaxy NGC 4125 Revealed with AKARI and Spitzer Space Telescope. Publication of the Astronomical Society of Japan, 2011, 63, 601-615.	2.5	10
93	On the thermodynamic self-similarity of the nearest, most relaxed, giant ellipticals. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2731-2740.	4.4	42
94	Hot gas in galaxy groups: recent observations. New Journal of Physics, 2012, 14, 045004.	2.9	85
95	Optical-to-virial velocity ratios of local disc galaxies from combined kinematics and galaxy-galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2610-2640.	4.4	118
96	Symmetric and asymmetric light dark matter. Physical Review D, 2012, 85, .	4.7	120
97	ENVIRONMENTAL EFFECTS ON THE GROWTH OF SUPERMASSIVE BLACK HOLES AND ACTIVE GALACTIC NUCLEUS FEEDBACK. Astrophysical Journal, 2012, 745, 13.	4.5	16
98	X-RAY PROPERTIES EXPECTED FROM ACTIVE GALACTIC NUCLEUS FEEDBACK IN ELLIPTICAL GALAXIES. Astrophysical Journal, 2012, 744, 21.	4.5	30
99	RADIATING BONDI AND COOLING SITE FLOWS. Astrophysical Journal, 2012, 754, 154.	4.5	10
100	Dark matter in massive galaxies. Proceedings of the International Astronomical Union, 2012, 8, 211-220.	0.0	2
101	THE SL2S GALAXY-SCALE GRAVITATIONAL LENS SAMPLE. I. THE ALIGNMENT OF MASS AND LIGHT IN MASSIVE EARLY-TYPE GALAXIES AT $z = 0.2-0.9$. Astrophysical Journal, 2012, 761, 170.	4.5	61
102	DEEP CHANDRA MONITORING OBSERVATIONS OF NGC 4649. II. WIDE-FIELD HUBBLE SPACE TELESCOPE IMAGING OF THE GLOBULAR CLUSTERS. Astrophysical Journal, 2012, 760, 87.	4.5	29
103	WIMPLESS dark matter from an anomaly-mediated supersymmetry breaking hidden sector with no new mass parameters. Physical Review D, 2012, 85, .	4.7	9
104	THE ELIXR GALAXY SURVEY. II. BARYONS AND DARK MATTER IN AN ISOLATED ELLIPTICAL GALAXY. Astrophysical Journal, 2012, 755, 166.	4.5	34
105	EXPLORING THE UNUSUALLY HIGH BLACK-HOLE-TO-BULGE MASS RATIOS IN NGC 4342 AND NGC 4291: THE ASYNCHRONOUS GROWTH OF BULGES AND BLACK HOLES. Astrophysical Journal, 2012, 753, 140.	4.5	34
106	ELLIPTICAL GALAXY MASSES OUT TO FIVE EFFECTIVE RADII: THE REALM OF DARK MATTER. Astrophysical Journal, 2012, 748, 2.	4.5	65
107	TRACING THE GAS TO THE VIRIAL RADIUS (R_{100}) IN A FOSSIL GROUP. Astrophysical Journal, 2012, 748, 11.	4.5	49
108	CHANDRA OBSERVATIONS OF NGC 4342, AN OPTICALLY FAINT, X-RAY GAS-RICH EARLY-TYPE GALAXY. Astrophysical Journal, 2012, 755, 25.	4.5	13

#	ARTICLE	IF	CITATIONS
109	Testing a simple recipe for estimating galaxy masses from minimal observational data. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1813-1824.	4.4	11
110	Mechanical AGN feedback: controlling the thermodynamical evolution of elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 190-209.	4.4	139
111	The effects of baryonic cooling on the concentration-mass relation. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1244-1260.	4.4	31
112	Cosmology of atomic dark matter. Physical Review D, 2013, 87, .	4.7	196
113	Narrow-band X-ray photometry as a tool for studying galaxy and cluster mass distributions. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2879-2891.	4.4	5
114	Reconciling stellar dynamical and hydrostatic X-ray mass measurements of an elliptical galaxy with gas rotation, turbulence and magnetic fields. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1516-1528.	4.4	14
115	Elliptical galaxies with rapidly decreasing velocity dispersion profiles: nmagic models and dark halo parameter estimates for NGC 4494. Monthly Notices of the Royal Astronomical Society, 2013, 431, 3570-3588.	4.4	49
116	Cosmological simulations with self-interacting dark matter “II. Halo shapes versus observations. Monthly Notices of the Royal Astronomical Society, 2013, 430, 105-120.	4.4	371
117	Distribution of Si, Fe, and Ni in the Intracluster Medium of the Coma Cluster. Publication of the Astronomical Society of Japan, 2013, 65, 10.	2.5	12
118	THE FADING OF TWO TRANSIENT ULTRALUMINOUS X-RAY SOURCES TO BELOW THE STELLAR MASS EDDINGTON LIMIT. Astrophysical Journal, 2013, 775, 21.	4.5	8
119	A multi-wavelength study of the gravitational lens COSMOS J095930+023427. Research in Astronomy and Astrophysics, 2013, 13, 15-27.	1.7	4
120	Physical properties underlying observed kinematics of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2407-2417.	4.4	73
121	THE EXCEPTIONAL SOFT X-RAY HALO OF THE GALAXY MERGER NGC 6240. Astrophysical Journal, 2013, 765, 141.	4.5	30
122	Unveiling the Influence of Dark Matter in Axially Symmetric Galaxies. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	8
123	Unifying static analysis of gravitational structures with a scale-dependent scalar field gravity as an alternative to dark matter. Astronomy and Astrophysics, 2014, 561, A131.	5.1	7
124	On the surface density of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3512-3524.	4.4	34
125	CONNECTING STAR FORMATION QUENCHING WITH GALAXY STRUCTURE AND SUPERMASSIVE BLACK HOLES THROUGH GRAVITATIONAL HEATING OF COOLING FLOWS. Astrophysical Journal Letters, 2014, 797, L34.	8.3	5
126	Ultracompact dwarfs around NGC 3268.... Monthly Notices of the Royal Astronomical Society, 2014, 442, 891-899.	4.4	14

#	ARTICLE	IF	CITATIONS
127	A relation between the dark mass of elliptical galaxies and their shape. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1535-1551.	4.4	14
128	The SLUGGS survey: breaking degeneracies between dark matter, anisotropy and the IMF using globular cluster subpopulations in the giant elliptical NGC 5846. Monthly Notices of the Royal Astronomical Society, 2014, 439, 659-672.	4.4	51
129	Contribution of stripped nuclear clusters to globular cluster and ultracompact dwarf galaxy populations. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3670-3683.	4.4	78
130	Are the most super-massive dark compact objects harbored at the center of dark matter halos?. International Journal of Modern Physics D, 2014, 23, 1442020.	2.1	16
131	HOT VERSUS COLD: THE DICHOTOMY IN SPHERICAL ACCRETION OF COOLING FLOWS ONTO SUPERMASSIVE BLACK HOLES IN ELLIPTICAL GALAXIES, GALAXY GROUPS, AND CLUSTERS. Astrophysical Journal, 2014, 780, 126.	4.5	15
132	MODELING X-RAY EMISSION AROUND GALAXIES. Astrophysical Journal, 2014, 785, 67.	4.5	9
133	Ultimate age-dating method for galaxy groups; clues from the Millennium Simulations. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1578-1585.	4.4	33
134	MOLECULAR GAS IN THE X-RAY BRIGHT GROUP NGC 5044 AS REVEALED BY ALMA. Astrophysical Journal, 2014, 792, 94.	4.5	72
135	Determining the nature of orbits in disk galaxies with non-spherical nuclei. Nonlinear Dynamics, 2014, 76, 323-344.	5.2	8
136	Galaxy masses. Reviews of Modern Physics, 2014, 86, 47-119.	45.6	226
137	Investigation of dark matter and modified Newtonian dynamics in early-type galaxies through globular cluster systems. Astronomy and Astrophysics, 2014, 570, A132.	5.1	23
138	The SLUGGS survey: multipopulation dynamical modelling of the elliptical galaxy NGC 1407 from stars and globular clusters. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3345-3358.	4.4	24
139	THE NEXT GENERATION VIRGO CLUSTER SURVEY. X. PROPERTIES OF ULTRA-COMPACT DWARFS IN THE M87, M49, AND M60 REGIONS. Astrophysical Journal, 2015, 812, 34.	4.5	53
140	The impact of mechanical AGN feedback on the formation of massive early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4105-4116.	4.4	117
141	Cold gas in group-dominant elliptical galaxies. Astronomy and Astrophysics, 2015, 573, A111.	5.1	35
142	CONNECTING DARK MATTER HALOS WITH THE GALAXY CENTER AND THE SUPERMASSIVE BLACK HOLE. Astrophysical Journal, 2015, 800, 124.	4.5	45
143	How much dark matter is there inside early-type galaxies?â€¦. Monthly Notices of the Royal Astronomical Society, 2015, 446, 85-103.	4.4	8
144	THE MASSIVE SURVEY. IV. THE X-RAY HALOS OF THE MOST MASSIVE EARLY-TYPE GALAXIES IN THE NEARBY UNIVERSE. Astrophysical Journal, 2016, 826, 167.	4.5	90

#	ARTICLE	IF	CITATIONS
145	THE ENTIRE VIRIAL RADIUS OF THE FOSSIL CLUSTER RXJ 1159 + 5531. II. DARK MATTER AND BARYON FRACTION. <i>Astrophysical Journal</i> , 2016, 826, 146.	4.5	8
146	Dark matter inside early-type galaxies as function of mass and redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 951-959.	4.4	7
147	MOLECULAR GAS ALONG A BRIGHT H ₁ FILAMENT IN 2A 0335+096 REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 832, 148.	4.5	48
148	The massive dark halo of the compact early-type galaxy NGC 1281. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 538-553.	4.4	15
149	Lens galaxies in the Illustris simulation: power-law models and the bias of the Hubble constant from time delays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 739-755.	4.4	71
150	A deep XMM-Newton study of the hot gaseous halo around NGC 1961. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 227-243.	4.4	78
151	One Law to Rule Them All: The Radial Acceleration Relation of Galaxies. <i>Astrophysical Journal</i> , 2017, 836, 152.	4.5	279
152	THE UNUSUALLY HIGH HALO CONCENTRATION OF THE FOSSIL GROUP NGC 6482: EVIDENCE FOR WEAK ADIABATIC CONTRACTION. <i>Astrophysical Journal</i> , 2017, 834, 164.	4.5	9
153	Dark matter in galaxies. <i>Physics-Usppekhi</i> , 2017, 60, 3-39.	2.2	30
154	Active galactic nuclei feedback, quiescence and circumgalactic medium metal enrichment in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 751-768.	4.4	38
155	Future constraints on halo thermodynamics from combined Sunyaev-Zel'dovich measurements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 040-040.	5.4	44
156	Diffusion of elements in the interstellar medium in early-type galaxies. <i>Astronomy Letters</i> , 2017, 43, 285-303.	1.0	2
157	X-ray spectroscopy of the z=6.4 quasar SDSS J1148+5251. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3590-3597.	4.4	21
158	On the Dark Matter Column Density in Haloes. <i>Astronomy Reports</i> , 2017, 61, 1003-1014.	0.9	2
159	The inner structure of early-type galaxies in the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1824-1848.	4.4	62
160	Dark matter self-interactions and small scale structure. <i>Physics Reports</i> , 2018, 730, 1-57.	25.6	617
161	The Luminous X-Ray Halos of Two Compact Elliptical Galaxies. <i>Astrophysical Journal</i> , 2018, 854, 143.	4.5	11
162	The SLUGGS Survey: The Inner Dark Matter Density Slope of the Massive Elliptical Galaxy NGC 1407. <i>Astrophysical Journal</i> , 2018, 863, 130.	4.5	16

#	ARTICLE	IF	CITATIONS
163	The Extended Distribution of Baryons around Galaxies. <i>Astrophysical Journal</i> , 2018, 862, 3.	4.5	97
164	Early-type galaxy density profiles from IllustrisTNG – II. Evolutionary trend of the total density profile. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5722-5738.	4.4	19
165	The Extremely High Dark Matter Halo Concentration of the Relic Compact Elliptical Galaxy Mrk 1216. <i>Astrophysical Journal</i> , 2019, 877, 91.	4.5	21
166	Elliptical Galaxy in the Making: The Dual Active Galactic Nuclei and Metal-enriched Halo of Mrk 273. <i>Astrophysical Journal</i> , 2019, 872, 39.	4.5	14
167	AGN feedback and multiphase gas in giant elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3576-3590.	4.4	29
168	The X-Ray Halo Scaling Relations of Supermassive Black Holes. <i>Astrophysical Journal</i> , 2019, 884, 169.	4.5	64
169	Constraints on the circumburst environments of short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4782-4799.	4.4	26
170	Early-type galaxy density profiles from IllustrisTNG – I. Galaxy correlations and the impact of baryons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5188-5215.	4.4	26
171	Temperature profiles of hot gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2095-2118.	4.4	6
172	X-ray shapes of elliptical galaxies and implications for self-interacting dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 020.	5.4	7
173	The Metal Content of the Hot Atmospheres of Galaxy Groups. <i>Universe</i> , 2021, 7, 208.	2.5	16
174	Constraints on the Assembly History of the Milky Way's Smooth, Diffuse Stellar Halo from the Metallicity-dependent, Radially Dominated Velocity Anisotropy Profiles Probed with K Giants and BHB Stars Using LAMOST, SDSS/SEGUE, and Gaia. <i>Astrophysical Journal</i> , 2021, 919, 66.	4.5	23
175	A test of constancy of dark matter halo surface density and radial acceleration relation in relaxed galaxy groups. <i>Physics of the Dark Universe</i> , 2021, 33, 100874.	4.9	7
176	Hot Gas Morphology, Thermal Structure, and the AGN Connection in Normal Elliptical Galaxies. <i>Astrophysics and Space Science Library</i> , 2012, , 207-234.	2.7	1
177	Dark Matter in Elliptical Galaxies. <i>Astrophysics and Space Science Library</i> , 2012, , 235-277.	2.7	21
178	Globular Cluster Systems and Galaxy Formation. , 2020, , 245-277.		20
179	Gravitational potential and X-ray luminosities of early-type galaxies observed with XMM-Newton and Chandra. <i>Astronomy and Astrophysics</i> , 2009, 501, 157-169.	5.1	60
180	GALICS. II: the $[<i>\langle i \rangle_{\pm} \langle i \rangle / \text{Fe}]$ -mass relation in elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2009, 505, 1075-1086.	5.1	47

#	ARTICLE	IF	CITATIONS
181	The extended Planetary Nebula Spectrograph (ePN.S) early-type galaxy survey: The kinematic diversity of stellar halos and the relation between halo transition scale and stellar mass. <i>Astronomy and Astrophysics</i> , 2018, 618, A94.	5.1	41
182	Cosmological parameters from strong gravitational lensing and stellar dynamics in elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2008, 477, 397-406.	5.1	85
183	Far-Infrared Spitzer Observations of Elliptical Galaxies: Evidence for Extended Diffuse Dust. <i>Astrophysical Journal</i> , 2007, 660, 1215-1231.	4.5	91
184	The X-Ray Concentration-Virial Mass Relation. <i>Astrophysical Journal</i> , 2007, 664, 123-134.	4.5	128
185	X-RAY CAVITIES, FILAMENTS, AND COLD FRONTS IN THE CORE OF THE GALAXY GROUP NGC 5044. <i>Astrophysical Journal</i> , 2009, 693, 43-55.	4.5	55
188	Universal Transition Diagram from Dormant to Actively Accreting Supermassive Black Holes. <i>Astrophysical Journal</i> , 2020, 894, 141.	4.5	11
189	A Black Hole Feedback Valve in Massive Galaxies. <i>Astrophysical Journal</i> , 2020, 899, 70.	4.5	22
190	The dynamics of three nearby E0 galaxies in refracted gravity. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	4
191	Morphological Signatures of AGN Feedback in the Hot Interstellar Medium of Normal Elliptical Galaxies. <i>Globular Clusters - Guides To Galaxies</i> , 2007, , 155-160.	0.1	0
192	Thermal Structure of the Hot ISM in Normal Ellipticals: Evidence for Local and Distributed AGN Heating. <i>Globular Clusters - Guides To Galaxies</i> , 2007, , 161-165.	0.1	0
193	The Outer Halos of Elliptical Galaxies. , 2010, , 339-346.		1
194	Abundances and Abundance Ratios in Stars and Hot Gas in Elliptical Galaxies. <i>Astrophysics and Space Science Library</i> , 2012, , 163-206.	2.7	0
196	Early-type galaxy density profiles from IllustrisTNG - III. Effects on outer kinematic structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 6134-6151.	4.4	3
197	Line-of-sight Elongation and Hydrostatic Mass Bias of the Frontier Fields Galaxy Cluster Abell 370. <i>Astrophysical Journal</i> , 2022, 934, 169.	4.5	2
198	X-Ray Halos Around Massive Galaxies: Data and Theory. , 2022, , 1-30.		0
199	Beyond the bulge-halo conspiracy? Density profiles of early-type galaxies from extended-source strong lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 6005-6018.	4.4	4
200	An excursion into the core of the cluster lens Abell 1689. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 525, 2519-2534.	4.4	4
201	X-ray Halos Around Massive Galaxies: Data and Theory. , 2024, , 4369-4398.		0