

Ian G Mccarthy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3011145/publications.pdf>

Version: 2024-02-01

140
papers

14,689
citations

19657

61
h-index

18647

119
g-index

144
all docs

144
docs citations

144
times ranked

6262
citing authors

#	ARTICLE	IF	CITATIONS
1	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. Monthly Notices of the Royal Astronomical Society, 2015, 446, 521-554.	4.4	2,549
2	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1937-1961.	4.4	1,038
3	The physics driving the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1536-1560.	4.4	704
4	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. Astronomy and Computing, 2016, 15, 72-89.	1.7	394
5	Evolution of galaxy stellar masses and star formation rates in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4486-4504.	4.4	332
6	The bahamas project: calibrated hydrodynamical simulations for large-scale structure cosmology. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2936-2965.	4.4	304
7	Ram pressure stripping the hot gaseous haloes of galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 383, 593-605.	4.4	303
8	Baryon effects on the internal structure of Λ CDM haloes in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1247-1267.	4.4	302
9	The colours of satellite galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1619-1629.	4.4	265
10	Towards a realistic population of simulated galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1270-1290.	4.4	261
11	The accretion of galaxies into groups and clusters. Monthly Notices of the Royal Astronomical Society, 2009, 400, 937-950.	4.4	259
12	Quantifying the effect of baryon physics on weak lensing tomography. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2020-2035.	4.4	253
13	The impact of mergers on relaxed X-ray clusters – I. Dynamical evolution and emergent transient structures. Monthly Notices of the Royal Astronomical Society, 2006, 373, 881-905.	4.4	239
14	Cosmological simulations of the formation of the stellar haloes around disc galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2802-2820.	4.4	232
15	Photoevaporation of Circumstellar Disks around Young Stars. Astrophysical Journal, 2004, 607, 890-903.	4.5	210
16	Colours and luminosities of $z \approx 0.1$ galaxies in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2879-2896.	4.4	200
17	The XXL Survey. Astronomy and Astrophysics, 2016, 592, A1.	5.1	199
18	Why does the environmental influence on group and cluster galaxies extend beyond the virial radius?. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3017-3031.	4.4	193

#	ARTICLE	IF	CITATIONS
19	The eagle simulations of galaxy formation: the importance of the hydrodynamics scheme. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2277-2291.	4.4	192
20	Gas expulsion by quasar-driven winds as a solution to the overcooling problem in galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2011, 412, 1965-1984.	4.4	185
21	The Cluster-EAGLE project: global properties of simulated clusters with resolved galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1088-1106.	4.4	178
22	The Hydrangea simulations: galaxy formation in and around massive clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4186-4208.	4.4	167
23	Bent by baryons: the low-mass galaxy-halo relation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2941-2947.	4.4	163
24	The properties of the star-forming interstellar medium at $z=0.84-2.23$ from HiZELS: mapping the internal dynamics and metallicity gradients in high-redshift disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 426, 935-950.	4.4	139
25	The impact of galaxy formation on the total mass, mass profile and abundance of haloes. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2641-2658.	4.4	137
26	X-ray coronae in simulations of disc galaxy formation. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1403-1422.	4.4	131
27	The EAGLE simulations: atomic hydrogen associated with galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4204-4226.	4.4	130
28	Global structure and kinematics of stellar haloes in cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2245-2262.	4.4	128
29	The baryon fraction of Λ CDM haloes. Monthly Notices of the Royal Astronomical Society, 2007, 377, 41-49.	4.4	123
30	The population of Milky Way satellites in the Λ cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1260-1279.	4.4	121
31	On the origin of cores in simulated galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 395, 180-196.	4.4	117
32	Star formation quenching in simulated group and cluster galaxies: when, how, and why?. Monthly Notices of the Royal Astronomical Society, 2015, 447, 969-992.	4.4	116
33	The BAHAMAS project: the CMB's large-scale structure tension and the roles of massive neutrinos and galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2999-3030.	4.4	113
34	The impact of mergers on relaxed X-ray clusters II. Effects on global X-ray and Sunyaev-Zel'dovich properties and their scaling relations. Monthly Notices of the Royal Astronomical Society, 2007, 380, 437-454.	4.4	112
35	The alignment and shape of dark matter, stellar, and hot gas distributions in the EAGLE and cosmo-OWLS simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 721-738.	4.4	108
36	Mismatch and misalignment: dark haloes and satellites of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2607-2625.	4.4	107

#	ARTICLE	IF	CITATIONS
37	The case for AGN feedback in galaxy groups. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	105
38	Modelling baryonic feedback for survey cosmology. , 2019, 2, .		103
39	The redshift evolution of massive galaxy clusters in the MACSIS simulations. Monthly Notices of the Royal Astronomical Society, 2017, 465, 213-233.	4.4	96
40	The radial distribution of galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2012, 423, 104-121.	4.4	95
41	Towards a holistic view of the heating and cooling of the intracluster medium. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1309-1331.	4.4	93
42	LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 456, L74-L78.	3.3	93
43	A search for warm/hot gas filaments between pairs of SDSS Luminous Red Galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 223-234.	4.4	90
44	Exploring the effects of galaxy formation on matter clustering through a library of simulation power spectra. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2424-2446.	4.4	89
45	Models of the Intracluster Medium with Heating and Cooling: Explaining the Global and Structural X-ray Properties of Clusters. Astrophysical Journal, 2004, 613, 811-830.	4.5	87
46	The impact of baryonic processes on the two-point correlation functions of galaxies, subhaloes and matter. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2997-3010.	4.4	82
47	The effect of baryons on the inner density profiles of rich clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 343-355.	4.4	80
48	Mock weak lensing analysis of simulated galaxy clusters: bias and scatter in mass and concentration. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1073-1088.	4.4	75
49	The impact of baryons on massive galaxy clusters: halo structure and cluster mass estimates. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3361-3378.	4.4	75
50	The XXL Survey. Astronomy and Astrophysics, 2016, 592, A12.	5.1	73
51	Observable tests of self-interacting dark matter in galaxy clusters: cosmological simulations with SIDM and baryons. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3646-3662.	4.4	72
52	The XMM Cluster Survey: the interplay between the brightest cluster galaxy and the intracluster medium via AGN feedback. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2213-2229.	4.4	69
53	Testing Sunyaev-Zel'dovich measurements of the hot gas content of dark matter haloes using synthetic skies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3868-3881.	4.4	68
54	Revisiting the baryon fractions of galaxy clusters: a comparison with WMAP 3-yr results. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1457-1463.	4.4	67

#	ARTICLE	IF	CITATIONS
55	Intrinsic alignments of galaxies in the EAGLE and cosmo-OWLS simulations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3328-3340.	4.4	66
56	The XXL Survey. Astronomy and Astrophysics, 2016, 592, A4.	5.1	66
57	The gas fractions of dark matter haloes hosting simulated $\sim 1/4 L^{\dagger}$ galaxies are governed by the feedback history of their black holes. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3783-3793.	4.4	66
58	Modelling shock heating in cluster mergers â€“ I. Moving beyond the spherical accretion model. Monthly Notices of the Royal Astronomical Society, 2007, 376, 497-522.	4.4	65
59	The impact of mergers on relaxed X-ray clusters - III. Effects on compact cool cores. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1163-1175.	4.4	65
60	ELLIPTICAL GALAXY MASSES OUT TO FIVE EFFECTIVE RADII: THE REALM OF DARK MATTER. Astrophysical Journal, 2012, 748, 2.	4.5	65
61	The thermal Sunyaevâ€“Zel'dovich effect power spectrum in light of Planck. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3645-3657.	4.4	65
62	nIFTy galaxy cluster simulations â€“ I. Dark matter and non-radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4063-4080.	4.4	63
63	The <sc>artemis</sc> simulations: stellar haloes of Milky Way-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1765-1785.	4.4	60
64	The relationship between the morphology and kinematics of galaxies and its dependence on dark matter halo structure in EAGLE. Monthly Notices of the Royal Astronomical Society, 2019, 485, 972-987.	4.4	59
65	The separate and combined effects of baryon physics and neutrino free streaming on large-scale structure. Monthly Notices of the Royal Astronomical Society, 2017, 471, 227-242.	4.4	58
66	Observable tests of self-interacting dark matter in galaxy clusters: BCG wobbles in a constant density core. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1572-1579.	4.4	57
67	The impact of AGN feedback and baryonic cooling on galaxy clusters as gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2010, 406, 434-444.	4.4	55
68	Cross-correlating Planck tSZ with RCSLenS weak lensing: implications for cosmology and AGN feedback. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1565-1580.	4.4	53
69	The similarity of the stellar mass fractions of galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1362-1377.	4.4	49
70	Painting with baryons: augmenting $N</i>$ -body simulations with gas using deep generative models. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 487, L24-L29.	3.3	49
71	Simulating Groups and the IntraGroup Medium: The Surprisingly Complex and Rich Middle Ground between Clusters and Galaxies. Universe, 2021, 7, 209.	2.5	46
72	nIFTy galaxy cluster simulations â€“ II. Radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2973-2991.	4.4	45

#	ARTICLE	IF	CITATIONS
73	Weak-lensing Analysis of X-Ray-selected XXL Galaxy Groups and Clusters with Subaru HSC Data. <i>Astrophysical Journal</i> , 2020, 890, 148.	4.5	45
74	Cluster Sunyaev-Zeldovich Effect Scaling Relations. <i>Astrophysical Journal</i> , 2003, 591, 515-525.	4.5	44
75	Rotation rates, sizes and star formation efficiencies of a representative population of simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 379-392.	4.4	44
76	The Influence of Baryons on the Mass Distribution of Dark Matter Halos. <i>Astrophysical Journal</i> , 2006, 651, 636-642.	4.5	43
77	Enriching the hot circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3005-3024.	4.4	43
78	The GOGREEN survey: the environmental dependence of the star-forming galaxy main sequence at $1.0 < z < 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5987-6000.	4.4	43
79	The flip side of galaxy formation: a combined model of galaxy formation and cluster heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	41
80	The competition between confinement and ram pressure and its implications for galaxies in groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1179-1186.	4.4	41
81	The Sunyaev-Zeldovich Effect Signature of Excess Entropy in Distant, Massive Clusters. <i>Astrophysical Journal</i> , 2003, 591, 526-539.	4.5	40
82	Localized massive halo properties in bahamas and MACSIS simulations: scalings, lognormality, and covariance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2618-2632.	4.4	40
83	nIFTy galaxy cluster simulations â€“ IV. Quantifying the influence of baryons on halo properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 4052-4073.	4.4	39
84	A hydrodynamical halo model for weak-lensing cross correlations. <i>Astronomy and Astrophysics</i> , 2020, 641, A130.	5.1	39
85	The GOGREEN survey: post-infall environmental quenching fails to predict the observed age difference between quiescent field and cluster galaxies at $z > 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5317-5342.	4.4	37
86	The origin of the enhanced metallicity of satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 508-529.	4.4	36
87	An analytic investigation of the scatter in the integrated X-ray properties of galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 624-634.	4.4	35
88	Testing cold dark matter with the hierarchical build-up of stellar light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1003-1014.	4.4	35
89	nIFTy galaxy cluster simulations â€“ III. The similarity and diversity of galaxies and subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1096-1116.	4.4	32
90	The Sunyaev-Zeldovich background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1697-1706.	4.4	31

#	ARTICLE	IF	CITATIONS
91	Dissecting the thermal Sunyaev-Zeldovich-gravitational lensing cross-correlation with hydrodynamical simulations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 047-047.	5.4	31
92	Can cosmological simulations capture the diverse satellite populations of observed Milky Way analogues?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 783-801.	4.4	30
93	The evolution of galaxy metallicity scaling relations in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 486-501.	4.4	28
94	The ClusterMgas- σ_{85} Relation: Evidence for a High Level of Preheating. <i>Astrophysical Journal</i> , 2002, 573, 515-523.	4.5	27
95	A detection of wobbling brightest cluster galaxies within massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1972-1980.	4.4	27
96	Probing the cosmic web: intercluster filament detection using gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2257-2267.	4.4	26
97	Stellar property statistics of massive haloes from cosmological hydrodynamics simulations: common kernel shapes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 686-704.	4.4	26
98	Weak lensing minima and peaks: Cosmological constraints and the impact of baryons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2531-2542.	4.4	25
99	Merger-induced galaxy transformations in the <i>artemis</i> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1867-1886.	4.4	25
100	Are group- and cluster-scale dark matter haloes overconcentrated?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 503-510.	4.4	23
101	Connecting the structure of dark matter haloes to the primordial power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4994-5013.	4.4	21
102	Galaxy cluster mass estimation with deep learning and hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3445-3458.	4.4	21
103	Probing hot gas around luminous red galaxies through the Sunyaev-Zel'dovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2318-2329.	4.4	19
104	Galaxy And Mass Assembly: search for a population of high-entropy galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3489-3504.	4.4	17
105	The impact of baryonic physics and massive neutrinos on weak lensing peak statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3340-3357.	4.4	17
106	Is there enough star formation in simulated protoclusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1803-1822.	4.4	17
107	HSC-XXL: Baryon budget of the 136 XXL groups and clusters. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 175-208.	2.5	17
108	Cosmology with velocity dispersion counts: an alternative to measuring cluster halo masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4117-4129.	4.4	16

#	ARTICLE	IF	CITATIONS
109	nIFTy galaxy cluster simulations – V. Investigation of the cluster infall region. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2027-2038.	4.4	16
110	Hierarchical inference of the relationship between concentration and mass in galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4872-4886.	4.4	16
111	The GOGREEN survey: dependence of galaxy properties on halo mass at $z > 1$ and implications for environmental quenching. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3364-3384.	4.4	16
112	Quenching of satellite galaxies of Milky Way analogues: reconciling theory and observations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1544-1556.	4.4	16
113	High-resolution synthetic UV-submm images for Milky Way-mass simulated galaxies from the ARTEMIS project. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2728-2749.	4.4	16
114	The Diversity of Assembly Histories Leading to Disc Galaxy Formation in a Λ CDM Model. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	15
115	Predictions for the detection of tidal streams with Gaia using great-circle methods. Monthly Notices of the Royal Astronomical Society, 2017, 469, 721-743.	4.4	14
116	The relative impact of baryons and cluster shape on weak lensing mass estimates of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	14
117	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A4.	5.1	13
118	Exploring extensions to the standard cosmological model and the impact of baryons on small scales. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3809-3829.	4.4	13
119	On the road to per cent accuracy – V. The non-linear power spectrum beyond Λ CDM with massive neutrinos and baryonic feedback. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2479-2491.	4.4	13
120	Galaxy velocity bias in cosmological simulations: towards per cent-level calibration. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2980-2997.	4.4	12
121	Multiwavelength scaling relations in galaxy groups: a detailed comparison of GAMA and KiDS observations to BAHAMAS simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3338-3355.	4.4	11
122	An analysis of galaxy cluster mis-centring using cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1120-1129.	4.4	11
123	The bahamas project: effects of a running scalar spectral index on large-scale structure. Monthly Notices of the Royal Astronomical Society, 2020, 493, 676-697.	4.4	11
124	Reconciling galaxy cluster shapes, measured by theorists versus observers. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2627-2644.	4.4	11
125	The BAHAMAS project: effects of dynamical dark energy on large-scale structure. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1576-1592.	4.4	10
126	Informing dark matter direct detection limits with the ARTEMIS simulations. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 016-016.	5.4	10

#	ARTICLE	IF	CITATIONS
127	The XMM Cluster Survey: evolution of the velocity dispersion–temperature relation over half a Hubble time. Monthly Notices of the Royal Astronomical Society, 2016, 463, 413-428.	4.4	7
128	Environment from cross-correlations: connecting hot gas and the quenching of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2241-2261.	4.4	7
129	The BAHAMAS project: evaluating the accuracy of the halo model in predicting the non-linear matter power spectrum. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3519-3534.	4.4	6
130	Nonthermal X-Ray Emission: An Alternative to Cluster Cooling Flows?. Astrophysical Journal, 2002, 567, 762-771.	4.5	6
131	The morphology of star-forming gas and its alignment with galaxies and dark matter haloes in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 65-87.	4.4	5
132	The impact of self-interacting dark matter on the intrinsic alignments of galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 441-451.	4.4	5
133	Imprint of baryons and massive neutrinos on velocity statistics. Astronomy and Astrophysics, 2020, 644, A170.	5.1	5
134	On the Relationship between Cooling Flows and Bubbles. Astrophysical Journal, 2003, 587, L75-L78.	4.5	5
135	Towards a universal model for the density profiles of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5685-5701.	4.4	5
136	Entropy Generation in Merging Galaxy Clusters. , 2007, , 268-274.		2
137	Intrinsic alignments of the extended radio continuum emission of galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3844-3862.	4.4	2
138	The imprint of dark subhaloes on the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3255-3266.	4.4	1
139	Constraining AGN feedback model with SZ profile. EPJ Web of Conferences, 2022, 257, 00045.	0.3	1
140	Quantifying “Feedback” in Cool Core and Non-Cool Core Clusters. Globular Clusters - Guides To Galaxies, 2007, , 231-233.	0.1	0