

# Andrea Lapi

## List of Publications by Year in descending order

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144  
papers

5,817  
citations

87888

38  
h-index

85541

71  
g-index

144  
all docs

144  
docs citations

144  
times ranked

4530  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Herschel ATLAS. Publications of the Astronomical Society of the Pacific, 2010, 122, 499-515.	3.1	489
2	The universal rotation curve of spiral galaxies - II. The dark matter distribution out to the virial radius. Monthly Notices of the Royal Astronomical Society, 2007, 378, 41-47.	4.4	318
3	New Relationships between Galaxy Properties and Host Halo Mass, and the Role of Feedbacks in Galaxy Formation. Astrophysical Journal, 2006, 643, 14-25.	4.5	252
4	The Dramatic Size Evolution of Elliptical Galaxies and the Quasar Feedback. Astrophysical Journal, 2008, 689, L101-L104.	4.5	212
5	Selection bias in dynamically measured supermassive black hole samples: its consequences and the quest for the most fundamental relation. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3119-3142.	4.4	198
6	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OF <i>HERSCHEL</i> -SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES AT $z > 1.5$ . Astrophysical Journal, 2013, 779, 25.	4.5	163
7	Quasar Luminosity Functions from Joint Evolution of Black Holes and Host Galaxies. Astrophysical Journal, 2006, 650, 42-56.	4.5	158
8	<i>HERSCHEL</i> -ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES. Astrophysical Journal, 2011, 742, 24.	4.5	151
9	Angular Momentum Transfer in Dark Matter Halos: Erasing the Cusp. Astrophysical Journal, 2006, 649, 591-598.	4.5	121
10	COSMIC EVOLUTION OF SIZE AND VELOCITY DISPERSION FOR EARLY-TYPE GALAXIES. Astrophysical Journal, 2010, 718, 1460-1475.	4.5	119
11	The impact of clustering and angular resolution on far-infrared and millimeter continuum observations. Astronomy and Astrophysics, 2017, 607, A89.	5.1	116
12	A HYBRID MODEL FOR THE EVOLUTION OF GALAXIES AND ACTIVE GALACTIC NUCLEI IN THE INFRARED. Astrophysical Journal, 2013, 768, 21.	4.5	110
13	THE <i>HERSCHEL</i> STRIPE 82 SURVEY (HerS): MAPS AND EARLY CATALOG. Astrophysical Journal, Supplement Series, 2014, 210, 22.	7.7	105
14	Exploring cosmic origins with CORE: Survey requirements and mission design. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	5.4	98
15	The <i>Herschel</i> -ATLAS: a sample of 500 $\mu\text{m}$ -selected lensed galaxies over $600^\circ \times 2^\circ$ . Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	4.4	96
16	THE COEVOLUTION OF SUPERMASSIVE BLACK HOLES AND MASSIVE GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 782, 69.	4.5	88
17	BLACK HOLE AND GALAXY COEVOLUTION FROM CONTINUITY EQUATION AND ABUNDANCE MATCHING. Astrophysical Journal, 2015, 810, 74.	4.5	87
18	The Role of the Dust in Primeval Galaxies: A Simple Physical Model for Lyman Break Galaxies and Ly $\alpha$ Emitters. Astrophysical Journal, 2007, 667, 655-666.	4.5	81

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19	Dust and star formation properties of a complete sample of local galaxies drawn from the Planck Early Release Compact Source Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 695-711.	4.4	81
20	Intracluster and Intragroup Entropy from Quasar Activity. <i>Astrophysical Journal</i> , 2005, 619, 60-72.	4.5	78
21	Herschel-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 3027-3059.	4.4	77
22	Galaxy Evolution in the Radio Band: The Role of Star-forming Galaxies and Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2017, 842, 95.	4.5	77
23	HERSCHEL-ATLAS: TOWARD A SAMPLE OF $\sim 1/4$ 1000 STRONGLY LENSED GALAXIES. <i>Astrophysical Journal</i> , 2012, 749, 65.	4.5	72
24	Quasar Feedback on the Intracluster Medium. <i>Astrophysical Journal</i> , 2002, 581, L1-L4.	4.5	69
25	Herschel-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1999-2012.	4.4	63
26	CROSS-CORRELATION BETWEEN THE CMB LENSING POTENTIAL MEASURED BY PLANCK AND HIGH- $z$ SUBMILLIMETER GALAXIES DETECTED BY THE HERSCHEL-ATLAS SURVEY. <i>Astrophysical Journal</i> , 2015, 802, 64.	4.5	61
27	Precision Scaling Relations for Disk Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2018, 859, 2.	4.5	60
28	A PHYSICAL MODEL FOR THE EVOLVING ULTRAVIOLET LUMINOSITY FUNCTION OF HIGH REDSHIFT GALAXIES AND THEIR CONTRIBUTION TO THE COSMIC REIONIZATION. <i>Astrophysical Journal</i> , 2014, 785, 65.	4.5	57
29	The Dramatic Size and Kinematic Evolution of Massive Early-type Galaxies. <i>Astrophysical Journal</i> , 2018, 857, 22.	4.5	57
30	The growth of the nuclear black holes in submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006, 368, L72-L76.	3.3	52
31	EFFECTIVE MODELS FOR STATISTICAL STUDIES OF GALAXY-SCALE GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , 2012, 755, 46.	4.5	52
32	Clustering of submillimetre galaxies in a self-regulated baryon collapse model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1324-1331.	4.4	49
33	Warm dark matter signatures on the 21cm power spectrum: intensity mapping forecasts for SKA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 047-047.	5.4	47
34	H-ATLAS: estimating redshifts of Herschel sources from sub-mm fluxes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2753-2763.	4.4	45
35	Measuring the Spin of Spiral Galaxies. <i>Astrophysical Journal</i> , 2006, 638, L13-L16.	4.5	43
36	THE MAIN SEQUENCES OF STAR-FORMING GALAXIES AND ACTIVE GALACTIC NUCLEI AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2016, 833, 152.	4.5	43

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37	THE QUEST FOR DUSTY STAR-FORMING GALAXIES AT HIGH REDSHIFT $z \gtrsim 4$ . <i>Astrophysical Journal</i> , 2016, 823, 128.	4.5	42
38	Merging Rates of Compact Binaries in Galaxies: Perspectives for Gravitational Wave Detections. <i>Astrophysical Journal</i> , 2019, 881, 157.	4.5	41
39	A highly obscured and strongly clustered galaxy population discovered with the Spitzer Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1121-1132.	4.4	40
40	SELF-SIMILAR DYNAMICAL RELAXATION OF DARK MATTER HALOS IN AN EXPANDING UNIVERSE. <i>Astrophysical Journal</i> , 2011, 743, 127.	4.5	39
41	DARK MATTER EQUILIBRIA IN GALAXIES AND GALAXY SYSTEMS. <i>Astrophysical Journal</i> , 2009, 692, 174-186.	4.5	38
42	Einstein, Planck and Vera Rubin: Relevant Encounters Between the Cosmological and the Quantum Worlds. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	38
43	Cold or warm? Constraining dark matter with primeval galaxies and cosmic reionization after Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 003-003.	5.4	37
44	Constraining black hole galaxy scaling relations and radiative efficiency from galaxy clustering. <i>Nature Astronomy</i> , 2020, 4, 282-291.	10.1	37
45	Two-phase galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 534-547.	4.4	36
46	Probing the astrophysics of cluster outskirts. <i>Astronomy and Astrophysics</i> , 2010, 516, A34.	5.1	35
47	TOWARD A TOMOGRAPHIC ANALYSIS OF THE CROSS-CORRELATION BETWEEN PLANCK CMB LENSING AND H-ATLAS GALAXIES. <i>Astrophysical Journal</i> , 2016, 825, 24.	4.5	35
48	The local luminosity function of star-forming galaxies derived from the Planck Early Release Compact Source Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1309-1323.	4.4	33
49	In pursuit of giants. <i>Astronomy and Astrophysics</i> , 2020, 644, A144.	5.1	32
50	The evolutionary connection between QSOs and SMGs: molecular gas in far-infrared luminous QSOs at $z \sim 2.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 3201-3210.	4.4	31
51	<i>Herschel</i>-ATLAS: VISTA VIKING near-infrared counterparts in the Phase 1 GAMA 9-h data<sup>âˆš</sup>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2407-2424.	4.4	31
52	GALAXY CLUSTERS: A NOVEL LOOK AT DIFFUSE BARYONS WITHSTANDING DARK MATTER GRAVITY. <i>Astrophysical Journal</i> , 2009, 698, 580-593.	4.5	29
53	New Analytic Solutions for Galaxy Evolution: Gas, Stars, Metals, and Dust in Local ETGs and Their High- $z$ Star-forming Progenitors. <i>Astrophysical Journal</i> , 2019, 880, 129.	4.5	29
54	Probing black hole accretion tracks, scaling relations, and radiative efficiencies from stacked X-ray active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1500-1511.	4.4	28

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55	Galaxy sizes and the galaxyâ€‘halo connection â€‘ I. The remarkable tightness of the size distributions. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1671-1690.	4.4	28
56	Evolution of Galaxy Star Formation and Metallicity: Impact on Double Compact Object Mergers. Astrophysical Journal, 2021, 907, 110.	4.5	27
57	<i>Herschel</i>-ATLAS:<i>Planck</i>sources in the phase 1 fields. Astronomy and Astrophysics, 2013, 549, A31.	5.1	26
58	On the statistics of proto-cluster candidates detected in the Planck all-sky survey. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2253-2261.	4.4	26
59	THE H I CONTENT OF LOCAL LATE-TYPE GALAXIES. Astrophysical Journal, 2011, 743, 45.	4.5	25
60	STATISTICS OF DARK MATTER HALOS FROM THE EXCURSION SET APPROACH. Astrophysical Journal, 2013, 772, 85.	4.5	25
61	Another look at distortions of the Cosmic Microwave Background spectrum. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 047-047.	5.4	25
62	Does the evolution of the radio luminosity function of star-forming galaxies match that of the star formation rate function?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1912-1923.	4.4	25
63	Sunyaev-Zel'dovich Effects from Quasars in Galaxies and Groups. Astrophysical Journal, 2003, 597, L93-L96.	4.5	24
64	Black-hole mass estimates for a homogeneous sample of bright flat-spectrum radio quasars. Astronomy and Astrophysics, 2013, 560, A28.	5.1	24
65	Exploring the early dust-obscured phase of galaxy formation with blind mid-/far-infrared spectroscopic surveys. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2547-2564.	4.4	24
66	PREDICTIONS FOR ULTRA-DEEP RADIO COUNTS OF STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 810, 72.	4.5	24
67	Exploring galaxies-gravitational waves cross-correlations as an astrophysical probe. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 045-045.	5.4	24
68	Nonthermal support for the outer intracluster medium. Astronomy and Astrophysics, 2011, 525, A110.	5.1	23
69	Forecasting the Contribution of Polarized Extragalactic Radio Sources in CMBÂObservations. Astrophysical Journal, 2018, 858, 85.	4.5	23
70	Long gamma-ray bursts and their host galaxies at high redshift. Monthly Notices of the Royal Astronomical Society, 2008, 386, 608-618.	4.4	22
71	<i>Herschel</i>-ATLAS: Blazars in the science demonstration phase field. Astronomy and Astrophysics, 2010, 518, L38.	5.1	22
72	Angular Momentum of Early- and Late-type Galaxies: Nature or Nurture?. Astrophysical Journal, 2017, 843, 105.	4.5	22

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73	Growth of Supermassive Black Hole Seeds in ETC Star-forming Progenitors: Multiple Merging of Stellar Compact Remnants via Gaseous Dynamical Friction and Gravitational-wave Emission. <i>Astrophysical Journal</i> , 2020, 891, 94.	4.5	22
74	Herschel $\hat{\sim}$ ... -ATLAS/GAMA: SDSS cross-correlation induced by weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2680-2690.	4.4	21
75	Intensity and anisotropies of the stochastic gravitational wave background from merging compact binaries in galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 032.	5.4	21
76	STRUCTURE AND HISTORY OF DARK MATTER HALOS PROBED WITH GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , 2009, 695, L125-L129.	4.5	20
77	Two phase galaxy formation: the gas content of normal galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 941-955.	4.4	20
78	A GRAND DESIGN FOR GALAXY CLUSTERS: CONNECTIONS AND PREDICTIONS. <i>Astrophysical Journal</i> , 2011, 742, 19.	4.5	20
79	H-ATLAS/GAMA: magnification bias tomography. Astrophysical constraints above $\hat{\sim}$ $\frac{1}{4}$ arcmin. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 024-024.	5.4	20
80	<i>&lt;i&gt;Chandra&lt;/i&gt;</i> and ALMA observations of the nuclear activity in two strongly lensed star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2018, 610, A53.	5.1	20
81	Observing patchy reionization with future CMB polarization experiments. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	5.4	20
82	Stellar Mass Function of Active and Quiescent Galaxies via the Continuity Equation. <i>Astrophysical Journal</i> , 2017, 847, 13.	4.5	18
83	GALAXY EVOLUTION AT HIGH REDSHIFT: OBSCURED STAR FORMATION, GRB RATES, COSMIC REIONIZATION, AND MISSING SATELLITES. <i>Astrophysical Journal</i> , 2017, 835, 37.	4.5	18
84	Exploring cosmic origins with CORE: Effects of observer peculiar motion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	5.4	18
85	Impact of AGN feedback on galaxies and their multiphase ISM across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	18
86	The astrophysics of the intracluster plasma. <i>Physics Reports</i> , 2013, 533, 69-94.	25.6	17
87	SUPERMODEL ANALYSIS OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2009, 705, 1019-1030.	4.5	16
88	Forecasts on the contamination induced by unresolved point sources in primordial non-Gaussianity beyond Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 728-742.	4.4	16
89	IRAM 30-m-EMIR redshift search of $z = 3\hat{\sim}4$ lensed dusty starbursts selected from the HerBS sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2372-2390.	4.4	16
90	Revised estimates of CMB <i>&lt;i&gt;B&lt;/i&gt;</i> -mode polarization induced by patchy reionization. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 003-003.	5.4	15

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91	ENTROPY FLATTENING, GAS CLUMPING, AND TURBULENCE IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 783, 76.	4.5	14
92	Broadband Spectral Energy Distributions of SDSS-selected Quasars and of Their Host Galaxies: Intense Activity at the Onset of AGN Feedback. <i>Astrophysical Journal</i> , 2019, 871, 136.	4.5	14
93	New Analytic Solutions for Galaxy Evolution. II. Wind Recycling, Galactic Fountains, and Late-type Galaxies. <i>Astrophysical Journal</i> , 2020, 897, 81.	4.5	14
94	Gravitational waves $\tilde{\Lambda}$ — HI intensity mapping: cosmological and astrophysical applications. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 004.	5.4	14
95	The evolution of compact massive quiescent and star-forming galaxies derived from the $\langle R \rangle$ and $\langle M \rangle_{\text{star}}$ relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4555-4570.	4.4	13
96	An ALMA view of 11 dusty star-forming galaxies at the peak of cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3998-4015.	4.4	13
97	TURBULENCE IN THE SUPERMODEL: MASS RECONSTRUCTION WITH NONTHERMAL PRESSURE FOR A1835. <i>Astrophysical Journal</i> , 2013, 771, 102.	4.5	12
98	THE PLANCK SUNYAEV-ZEL'DOVICH VERSUS THE X-RAY VIEW OF THE COMA CLUSTER. <i>Astrophysical Journal Letters</i> , 2013, 763, L3.	8.3	11
99	Cosmic dichotomy in the hosts of rapidly star-forming systems at low and high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 2263-2269.	4.4	11
100	Two-phase galaxy formation: the evolutionary properties of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2113-2126.	4.4	10
101	SUPERMODEL ANALYSIS OF THE HARD X-RAY EXCESS IN THE COMA CLUSTER. <i>Astrophysical Journal</i> , 2011, 732, 85.	4.5	10
102	QSOs signposting cluster size halos as gravitational lenses: halo mass, projected mass density profile and concentration at $\langle z \rangle \approx 0.7$ . <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 021-021.	5.4	10
103	Flat rotation curves of $z \approx 1$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1753-1772.	4.4	10
104	Unveiling the nature of 11 dusty star-forming galaxies at the peak of cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 928-950.	4.4	10
105	The impact of the FMR and starburst galaxies on the (low metallicity) cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4994-5027.	4.4	10
106	A Stochastic Theory of the Hierarchical Clustering. I. Halo Mass Function. <i>Astrophysical Journal</i> , 2020, 903, 117.	4.5	10
107	Statistics of dark matter halos in the excursion set peak framework. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 044-044.	5.4	9
108	Active Galactic Nuclei in Dusty Starbursts at $z \approx 2$ : Feedback Still to Kick in. <i>Astrophysical Journal Letters</i> , 2019, 877, L38.	8.3	9

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109	Cosmological constraints on the magnification bias on sub-millimetre galaxies after large-scale bias corrections. <i>Astronomy and Astrophysics</i> , 2021, 646, A152.	5.1	9
110	A direct and robust method to observationally constrain the halo mass function via the submillimeter magnification bias: Proof of concept. <i>Astronomy and Astrophysics</i> , 2021, 645, A126.	5.1	9
111	Intracluster Entropy from Joint X-ray and Sunyaev-Zeldovich Observations. <i>Astrophysical Journal</i> , 2005, 634, 784-792.	4.5	8
112	Searching for AGN-driven Shocks in Galaxy Clusters. <i>Astrophysical Journal</i> , 2006, 647, L5-L8.	4.5	7
113	Non-thermal pressure in the outskirts of Abell 2142. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1340-1346.	4.4	7
114	Cosmology with the submillimetre galaxies magnification bias: Proof of concept. <i>Astronomy and Astrophysics</i> , 2020, 639, A128.	5.1	7
115	THE INTRACLUSTER PLASMA: A UNIVERSAL PRESSURE PROFILE?. <i>Astrophysical Journal Letters</i> , 2012, 745, L15.	8.3	7
116	The Black Hole Mass Function Across Cosmic Times. I. Stellar Black Holes and Light Seed Distribution. <i>Astrophysical Journal</i> , 2022, 924, 56.	4.5	7
117	The weak dependence of velocity dispersion on disc fractions, mass-to-light ratio, and redshift: implications for galaxy and black hole evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5639-5660.	4.4	7
118	Exploring the relationship between black hole accretion and star formation with blind mid-/far-infrared spectroscopic surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3446-3458.	4.4	6
119	Self-gravitating Equilibria of Non-minimally Coupled Dark Matter Halos. <i>Astrophysical Journal</i> , 2021, 910, 76.	4.5	6
120	Cosmology with the submillimetre galaxies magnification bias. <i>Astronomy and Astrophysics</i> , 2021, 656, A99.	5.1	6
121	Growth of massive black hole seeds by migration of stellar and primordial black holes: gravitational waves and stochastic background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 035.	5.4	6
122	Probing modified gravity with magnetically levitated resonators. <i>Physical Review D</i> , 2021, 104, .	4.7	6
123	Modelling high-resolution ALMA observations of strongly lensed dusty star-forming galaxies detected by <i>Herschel</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2426-2438.	4.4	6
124	SUPERMODEL ANALYSIS OF A1246 AND J255: ON THE EVOLUTION OF GALAXY CLUSTERS FROM HIGH TO LOW ENTROPY STATES. <i>Astrophysical Journal</i> , 2015, 800, 75.	4.5	5
125	Empirical Evidence of Nonminimally Coupled Dark Matter in the Dynamics of Local Spiral Galaxies?. <i>Astrophysical Journal</i> , 2022, 929, 48.	4.5	5
126	Cross-correlation between cosmological and astrophysical datasets: the Planck and Herschel case. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 202-205.	0.0	4

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127	Predictions for surveys with the SPICA Mid-infrared Instrument. Monthly Notices of the Royal Astronomical Society, 2015, 452, 356-367.	4.4	4
128	Bimodal Formation Time Distribution for Infall Dark Matter Halos. Astrophysical Journal, 2018, 857, 127.	4.5	4
129	A Stochastic Theory of the Hierarchical Clustering. II. Halo Progenitor Mass Function and Large-scale Bias. Astrophysical Journal, 2021, 911, 11.	4.5	4
130	Detectability of the $\delta_{21\text{cm}}$ cross-correlation: a tomographic probe of patchy reionization. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 062-062.	5.4	4
131	The far-infrared/radio correlation for a sample of strongly lensed dusty star-forming galaxies detected by <i>Herschel</i> . Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4
132	Detectability of the Cross-Correlation between CMB Lensing and Stochastic GW Background from Compact Object Mergers. Universe, 2022, 8, 160.	2.5	3
133	An Eddington ratio-driven origin for the $L_X \sim M^*$ relation in quiescent and star-forming active galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1185-1195.	4.4	3
134	The baryonic and dark matter properties of high-redshift gravitationally lensed disc galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 382, 652-656.	4.4	2
135	Dark Matter Halos: The Dynamical Basis of Effective Empirical Models. Advances in Astronomy, 2011, 2011, 1-8.	1.1	2
136	The star formation history of redshift $z \sim 2$ galaxies: the role of the infrared prior. Research in Astronomy and Astrophysics, 2014, 14, 15-34.	1.7	2
137	THE INTRAGROUP VERSUS THE INTRACLUSTER MEDIUM. Astrophysical Journal, 2016, 824, 145.	4.5	2
138	scampy – A sub-halo clustering and abundance matching based python interface for painting galaxies on the dark matter halo/sub-halo hierarchy. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2095-2113.	4.4	2
139	Gamma rays from annihilations at the galactic center in a physical dark matter distribution. Astronomy and Astrophysics, 2010, 510, A90.	5.1	2
140	Galaxy cluster mass density profile derived using the submillimetre galaxies magnification bias. Astronomy and Astrophysics, 2022, 658, A19.	5.1	2
141	Massive Black-Hole Mergers. , 2021, , 1-33.		2
142	Tomography-based observational measurements of the halo mass function via the submillimeter magnification bias. Astronomy and Astrophysics, 2022, 662, A44.	5.1	2
143	Probing the evolution of galaxy clusters with the SZ effect. Astronomy and Astrophysics, 2014, 571, A84.	5.1	0
144	Massive Black-Hole Mergers. , 2022, , 851-883.		0