

Gianfranco de Zotti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8554472/publications.pdf>

Version: 2024-02-01

220
papers

41,590
citations

6613

79
h-index

2178

202
g-index

221
all docs

221
docs citations

221
times ranked

20535
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A13.	5.1	8,344
2	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A6.	5.1	6,722
3	<i>Planck</i> 2013 results. XVI. Cosmological parameters. <i>Astronomy and Astrophysics</i> , 2014, 571, A16.	5.1	4,703
4	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	5.1	948
5	A Physical Model for the Coevolution of QSOs and Their Spheroidal Hosts. <i>Astrophysical Journal</i> , 2004, 600, 580-594.	4.5	821
6	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. <i>Physical Review Letters</i> , 2015, 114, 101301.	7.8	819
7	<i>Planck</i> 2013 results. XXII. Constraints on inflation. <i>Astronomy and Astrophysics</i> , 2014, 571, A22.	5.1	806
8	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A1.	5.1	804
9	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A1.	5.1	738
10	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	5.1	566
11	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A27.	5.1	535
12	The Herschel ATLAS. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 499-515.	3.1	489
13	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	5.1	465
14	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A29.	5.1	380
15	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	5.1	367
16	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	5.1	364
17	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	5.1	350
18	The Detection of a Population of Submillimeter-Bright, Strongly Lensed Galaxies. <i>Science</i> , 2010, 330, 800-804.	12.6	330

#	ARTICLE	IF	CITATIONS
19	The Australia Telescope 20 GHz Survey: the source catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2403-2423.	4.4	298
20	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. <i>Astronomy and Astrophysics</i> , 2015, 576, A104.	5.1	296
21	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A131.	5.1	276
22	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	5.1	272
23	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	5.1	224
24	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	5.1	223
25	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	5.1	216
26	Radio and millimeter continuum surveys and their astrophysical implications. <i>Astronomy and Astrophysics Review</i> , 2010, 18, 1-65.	25.5	212
27	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	5.1	210
28	Herschel~...-ATLAS: rapid evolution of dust in galaxies over the last 5 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1510-1533.	4.4	198
29	Astrophysical and cosmological information from large-scale submillimetre surveys of extragalactic sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1557-1568.	4.4	184
30	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	5.1	182
31	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	5.1	170
32	Simultaneous <i>Planck</i>, <i>Swift</i>, and <i>Fermi</i> observations of X-ray and <i> γ </i>-ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160.	5.1	166
33	The pre-launch <i>Planck</i> Sky Model: a model of sky emission at submillimetre to centimetre wavelengths. <i>Astronomy and Astrophysics</i> , 2013, 553, A96.	5.1	166
34	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OF <i>HERSCHEL</i>-SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES AT <i>z</i>> 1.5. <i>Astrophysical Journal</i> , 2013, 779, 25.	4.5	163
35	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.	5.1	162
36	Quasar Luminosity Functions from Joint Evolution of Black Holes and Host Galaxies. <i>Astrophysical Journal</i> , 2006, 650, 42-56.	4.5	158

#	ARTICLE	IF	CITATIONS
37	GAS AND DUST IN A SUBMILLIMETER GALAXY AT $z = 4.24$ FROM THE HERSCHEL ATLAS. <i>Astrophysical Journal</i> , 2011, 740, 63.	4.5	156
38	HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2011, 742, 24.	4.5	151
39	HERSCHEL-ATLAS: A BINARY HYLIRG PINPOINTING A CLUSTER OF STARBURSTING PROTOELLIPTICALS. <i>Astrophysical Journal</i> , 2013, 772, 137.	4.5	144
40	Planck 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	5.1	144
41	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	5.1	141
42	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 006-006.	5.4	138
43	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	5.1	134
44	Planck 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A28.	5.1	134
45	Planck 2013 results. XXI. Power spectrum and high-order statistics of the Planck all-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , 2014, 571, A21.	5.1	133
46	HerMES: COSMIC INFRARED BACKGROUND ANISOTROPIES AND THE CLUSTERING OF DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 772, 77.	4.5	132
47	Planck 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	5.1	129
48	Planck intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. <i>Astronomy and Astrophysics</i> , 2015, 576, A107.	5.1	125
49	ARE DUSTY GALAXIES BLUE? INSIGHTS ON UV ATTENUATION FROM DUST-SELECTED GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 95.	4.5	126
50	Planck 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	5.1	126
51	Herschel-ATLAS: multi-wavelength SEDs and physical properties of 250 μ m selected galaxies at $z < 0.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 703-727.	4.4	124
52	An Extreme Protocluster of Luminous Dusty Starbursts in the Early Universe. <i>Astrophysical Journal</i> , 2018, 856, 72.	4.5	118
53	Planck 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	5.1	116
54	BLIND DETECTIONS OF CO $J = 1 \rightarrow 0$ IN 11 H-ATLAS GALAXIES AT $z = 2.1 - 3.5$ WITH THE GBT/ZPECTROMETER. <i>Astrophysical Journal</i> , 2012, 752, 152.	4.5	113

#	ARTICLE	IF	CITATIONS
55	Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2336-2348.	4.4	110
56	A HYBRID MODEL FOR THE EVOLUTION OF GALAXIES AND ACTIVE GALACTIC NUCLEI IN THE INFRARED. Astrophysical Journal, 2013, 768, 21.	4.5	110
57	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	5.1	107
58	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	5.1	106
59	Herschelâ...ATLAS/GAMA: dusty early-type galaxies and passive spirals. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2545-2578.	4.4	104
60	Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogueâ.... Monthly Notices of the Royal Astronomical Society, 2011, 416, 857-872.	4.4	103
61	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	5.1	103
62	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A140.	5.1	101
63	<i>Planck</i> 2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	5.1	99
64	The<i>Herschel</i>-ATLAS: a sample of 500Âm-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	4.4	96
65	Luminosity evolution and dust effects in distant galaxies: Implications for the observability of the early evolutionary phases. Astrophysical Journal, 1994, 427, 140.	4.5	96
66	The relic radiation spectrum and the thermal history of the universe. Rivista Del Nuovo Cimento, 1977, 7, 277-362.	5.7	95
67	The first release of data from the Herschel ATLAS: the SPIRE imagesâ.... Monthly Notices of the Royal Astronomical Society, 2011, 415, 911-917.	4.4	95
68	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	5.1	94
69	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
70	THE SPACE DENSITY OF LUMINOUS DUSTY STAR-FORMING GALAXIES AT z>4: SCUBA-2 AND LABOCA IMAGING OF ULTRARED GALAXIES FROM HERSCHEL-ATLAS. Astrophysical Journal, 2016, 832, 78.	4.5	91
71	H-ATLAS: PACS imaging for the Science Demonstration Phase. Monthly Notices of the Royal Astronomical Society, 2010, 409, 38-47.	4.4	90
72	<i>Planck</i> 2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90

#	ARTICLE	IF	CITATIONS
73	A COMPREHENSIVE VIEW OF A STRONGLY LENSED PLANCK-ASSOCIATED SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , 2012, 753, 134.	4.5	89
74	THE COEVOLUTION OF SUPERMASSIVE BLACK HOLES AND MASSIVE GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2014, 782, 69.	4.5	88
75	Planck's dusty GEMS: The brightest gravitationally lensed galaxies discovered with the Planck all-sky survey. <i>Astronomy and Astrophysics</i> , 2015, 581, A105.	5.1	88
76	BLACK HOLE AND GALAXY COEVOLUTION FROM CONTINUITY EQUATION AND ABUNDANCE MATCHING. <i>Astrophysical Journal</i> , 2015, 810, 74.	4.5	87
77	The Australia Telescope 20-GHz (AT20G) Survey: the Bright Source Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 384, 775-802.	4.4	83
78	High-frequency predictions for number counts and spectral properties of extragalactic radio sources. New evidence of a break at mm wavelengths in spectra of bright blazar sources. <i>Astronomy and Astrophysics</i> , 2011, 533, A57.	5.1	83
79	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
80	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	5.1	80
81	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 561, A97.	5.1	80
82	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A22.	5.1	80
83	Planck 2013 results. XXXII. The updated Planck catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2015, 581, A14.	5.1	80
84	The Tiered Radio Extragalactic Continuum Simulation (T-RECS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2-19.	4.4	78
85	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
86	The Australia Telescope 20-GHz (AT20G) Survey: analysis of the extragalactic source sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 318-330.	4.4	76
87	ALMA constraints on the faint millimetre source number counts and their contribution to the cosmic infrared background. <i>Astronomy and Astrophysics</i> , 2015, 584, A78.	5.1	75
88	Planck 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	5.1	74
89	Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from the Herschel-ATLAS.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3473-3484.	4.4	73
90	HERSCHEL-ATLAS: TOWARD A SAMPLE OF $\sim 1/4$ 1000 STRONGLY LENSED GALAXIES. <i>Astrophysical Journal</i> , 2012, 749, 65.	4.5	72

#	ARTICLE	IF	CITATIONS
91	H ₂ O emission in high- <i>z</i> ultra-luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , 2013, 551, A115.	5.1	72
92	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A30.	5.1	72
93	Herschel-ATLAS: the far-infrared-radio correlation at $z \sim 0.5$ <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 92-101.	4.4	71
94	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	5.1	69
95	Herschel Multitiered Extragalactic Survey: clusters of dusty galaxies uncovered by Herschel and <i>Planck</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1193-1211.	4.4	69
96	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , 2014, 571, A10.	5.1	68
97	<i>Planck</i> intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. <i>Astronomy and Astrophysics</i> , 2015, 576, A106.	5.1	68
98	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	5.1	67
99	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , 2014, 565, A103.	5.1	67
100	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
101	CROSS-CORRELATION BETWEEN THE CMB LENSING POTENTIAL MEASURED BY <i>PLANCK</i> AND HIGH- <i>z</i> SUBMILLIMETER GALAXIES DETECTED BY THE <i>HERSCHEL</i> -ATLAS SURVEY. <i>Astrophysical Journal</i> , 2015, 802, 64.	4.5	61
102	Gravitational lensing of extended high redshift sources by dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 445-455.	4.4	59
103	PRIMORDIAL NON-GAUSSIANITY AND THE NRAO VLA SKY SURVEY. <i>Astrophysical Journal Letters</i> , 2010, 717, L17-L21.	8.3	59
104	MEASUREMENTS OF CO REDSHIFTS WITH Z-SPEC FOR LENSED SUBMILLIMETER GALAXIES DISCOVERED IN THE H-ATLAS SURVEY. <i>Astrophysical Journal</i> , 2012, 757, 135.	4.5	58
105	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
106	Tracing black hole accretion with SED decomposition and IR lines: from local galaxies to the high- <i>z</i> Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 4297-4320.	4.4	56
107	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	5.1	55
108	<i>Herschel</i> -ATLAS: the surprising diversity of dust-selected galaxies in the local submillimetre Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 397-430.	4.4	55

#	ARTICLE	IF	CITATIONS
109	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
110	Constraining primordial non-Gaussianity with high-redshift probes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 013-013.	5.4	53
111	Herschel-ATLAS/GAMA: a difference between star formation rates in strong-line and weak-line radio galaxies... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2407-2424.	4.4	53
112	EFFECTIVE MODELS FOR STATISTICAL STUDIES OF GALAXY-SCALE GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , 2012, 755, 46.	4.5	52
113	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A133.	5.1	52
114	First results from the Australia Telescope Compact Array 18-GHz pilot survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 305-320.	4.4	50
115	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2012, 543, A102.	5.1	50
116	The extragalactic radio-source population at 95 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1656-1672.	4.4	49
117	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
118	Dynamical and Photometric Imprints of Feedback Processes on the Formation and Evolution of E/SO Galaxies. <i>Astrophysical Journal</i> , 2005, 629, 816-824.	4.5	48
119	<i>Planck</i> intermediate results. XXVI. Optical identification and redshifts of <i>Planck</i> clusters with the RTT150 telescope. <i>Astronomy and Astrophysics</i> , 2015, 582, A29.	5.1	46
120	A DETAILED GRAVITATIONAL LENS MODEL BASED ON SUBMILLIMETER ARRAY AND KECK ADAPTIVE OPTICS IMAGING OF A HERSCHEL-ATLAS SUBMILLIMETER GALAXY AT $z = 4.243$. <i>Astrophysical Journal</i> , 2012, 756, 134.	4.5	45
121	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
122	A model for the cosmological evolution of low-frequency radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, . .	4.4	44
123	Isothermal dust models of Herschel-ATLAS... galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2435-2453.	4.4	44
124	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A100.	5.1	44
125	Constraints on the thermal history of the universe from the cosmic microwave background spectrum. <i>Astrophysical Journal</i> , 1991, 379, 1.	4.5	44
126	Predictions for statistical properties of forming spheroidal galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 623-636.	4.4	42

#	ARTICLE	IF	CITATIONS
127	H-ATLAS: THE COSMIC ABUNDANCE OF DUST FROM THE FAR-INFRARED BACKGROUND POWER SPECTRUM. <i>Astrophysical Journal</i> , 2013, 768, 58.	4.5	42
128	GAMA/H-ATLAS: THE DUST OPACITYâ€“STELLAR MASS SURFACE DENSITY RELATION FOR SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2013, 766, 59.	4.5	41
129	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	5.1	41
130	LENS MODELS OF<i>HERSCHEL</i>-SELECTED GALAXIES FROM HIGH-RESOLUTION NEAR-IR OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 797, 138.	4.5	40
131	The Herschel Bright Sources (HerBS): sample definition and SCUBA-2 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1751-1773.	4.4	40
132	The new galaxy evolution paradigm revealed by the Herschel surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3507-3524.	4.4	39
133	Herschel-ATLASâˆ“: far-infrared properties of radio-loud and radio-quiet quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1181-1196.	4.4	37
134	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.	5.1	37
135	Effect of clustering on extragalactic source counts with low-resolution instruments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 869-874.	4.4	36
136	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A130.	5.1	36
137	The temperature dependence of the far-infraredâ€“radio correlation in the Herschel-ATLASâˆ“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2232-2243.	4.4	36
138	The Planck-ATCA Co-eval Observations project: the bright sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1597-1610.	4.4	34
139	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
140	<i>Herschel</i>-ATLAS and ALMA. <i>Astronomy and Astrophysics</i> , 2014, 568, A92.	5.1	33
141	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A28.	5.1	33
142	The <i>Herschel</i> -ATLAS Data Release 2. Paper II. Catalogs of Far-infrared and Submillimeter Sources in the Fields at the South and North Galactic Poles. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 30.	7.7	33
143	The evolutionary connection between QSOs and SMGs: molecular gas in far-infrared luminous QSOs at<i>z</i>[~]1/4â€“2.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 3201-3210.	4.4	31
144	<i>Herschel</i>-ATLAS: VISTA VIKING near-infrared counterparts in the Phase 1 GAMA 9-h data[~]. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2407-2424.	4.4	31

#	ARTICLE	IF	CITATIONS
145	GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies at $l. z \approx 0.06$ sample. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1929-1946.	4.4	29
146	Herschel-ATLAS: correlations between dust and gas in local submm-selected galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 479-502.	4.4	28
147	CLUSTER CANDIDATES AROUND LOW-POWER RADIO GALAXIES AT $z \approx 1-2$ IN COSMOS. Astrophysical Journal, 2014, 792, 114.	4.5	28
148	Dust energy balance study of two edge-on spiral galaxies in the Herschel-ATLAS survey. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1728-1739.	4.4	28
149	Far-infrared spectroscopy of a lensed starburst: a blind redshift from Herschel. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 436, L99-L103.	3.3	26
150	Herschel-ATLAS: Planck sources in the phase 1 fields. Astronomy and Astrophysics, 2013, 549, A31.	5.1	26
151	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
152	A polarization survey of bright extragalactic AT20G sources. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2915-2928.	4.4	25
153	Another look at distortions of the Cosmic Microwave Background spectrum. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 047-047.	5.4	25
154	H-ATLAS: a candidate high redshift cluster/protocluster of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1719-1733.	4.4	25
155	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
156	Black-hole mass estimates for a homogeneous sample of bright flat-spectrum radio quasars. Astronomy and Astrophysics, 2013, 560, A28.	5.1	24
157	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
158	PREDICTIONS FOR ULTRA-DEEP RADIO COUNTS OF STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 810, 72.	4.5	24
159	The Planck Surveyor mission: astrophysical prospects. , 1999, , .		22
160	Red, redder, reddest: SCUBA-2 imaging of colour-selected Herschel sources. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1099-1119.	4.4	22
161	Planck intermediate results. Astronomy and Astrophysics, 2013, 550, A128.	5.1	20
162	H-ATLAS/GAMA: magnification bias tomography. Astrophysical constraints above ≈ 1 arcmin. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 024-024.	5.4	20

#	ARTICLE	IF	CITATIONS
163	<i>Planck</i> Intermediate results. XII: Diffuse Galactic components in the Gould Belt system. <i>Astronomy and Astrophysics</i> , 2013, 557, A53.	5.1	19
164	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2018, 619, A94.	5.1	18
165	<i>Herschel</i>-ATLAS: the far-infrared properties and star formation rates of broad absorption line quasi-stellar objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1209-1218.	4.4	17
166	Mining the Herschel-Astrophysical Terahertz Large Area Survey: submillimetre-selected blazars in equatorial fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1566-1577.	4.4	17
167	The <i>Planck</i> ATCA Co-eval Observations project: analysis of radio source properties between 5 and 217 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3249-3262.	4.4	17
168	The Herschel-ATLAS: magnifications and physical sizes of 500- μ m-selected strongly lensed galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3467-3484.	4.4	17
169	ALMA photometry of extragalactic radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1188-1195.	4.4	17
170	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4939-4952.	4.4	16
171	IRAM 30-m-EMIR redshift search of $z = 3-4$ lensed dusty starbursts selected from the HerBS sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2372-2390.	4.4	16
172	<i>Herschel</i>-ATLAS/GAMA: spatial clustering of low-redshift submm galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 3455-3463.	4.4	15
173	A Herschel-ATLAS study of dusty spheroids: probing the minor-merger process in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1463-1468.	4.4	15
174	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A132.	5.1	15
175	Role of Environment on Nuclear Activity. <i>Astrophysical Journal</i> , 2019, 874, 140.	4.5	15
176	Microwave spectro-polarimetry of matter and radiation across space and time. <i>Experimental Astronomy</i> , 2021, 51, 1471-1514.	3.7	15
177	Colour matters: the effects of lensing on the positional offsets between optical and submillimetre galaxies in Herschel-ATLAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1884-1892.	4.4	14
178	Origins Space Telescope: Predictions for far-IR spectroscopic surveys. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	14
179	The bright extragalactic ALMA redshift survey (BEARS) I: redshifts of bright gravitationally lensed galaxies from the <i>Herschel</i> ATLAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3017-3033.	4.4	14
180	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. <i>Astronomy and Astrophysics</i> , 2015, 573, A6.	5.1	13

#	ARTICLE	IF	CITATIONS
181	Extragalactic sources in Cosmic Microwave Background maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 018-018.	5.4	13
182	Stacked Average Far-infrared Spectrum of Dusty Star-forming Galaxies from the Herschel/SPIRE Fourier Transform Spectrometer. <i>Astrophysical Journal</i> , 2017, 848, 30.	4.5	13
183	Herschel ATLAS/GAMA: the environmental density of far-infrared bright galaxies at $z \lesssim 0.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 771-786.	4.4	12
184	The Planck-ATCA Co-eval Observations project: the spectrally selected sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1845-1854.	4.4	12
185	Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at $z \approx 3$. <i>Astrophysical Journal</i> , 2017, 844, 82.	4.5	12
186	The LOFAR Two-metre Sky Survey Deep Fields. <i>Astronomy and Astrophysics</i> , 2021, 656, A48.	5.1	12
187	THE INFRARED PROPERTIES OF SOURCES MATCHED IN THE WISE ALL-SKY AND HERSCHEL ATLAS SURVEYS. <i>Astrophysical Journal Letters</i> , 2012, 750, L18.	8.3	11
188	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
189	Far-infrared observations of an unbiased sample of gamma-ray burst host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1494-1503.	4.4	11
190	The Australia telescope 20 GHz survey: hardware, observing strategy, and scanning survey catalog. <i>Experimental Astronomy</i> , 2011, 32, 147-177.	3.7	10
191	AGN torus emission for a homogeneous sample of bright flat-spectrum radio quasars. <i>Astronomy and Astrophysics</i> , 2015, 573, A125.	5.1	10
192	New constraints on the 1.4 GHz source number counts and luminosity functions in the Lockman Hole field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 22-33.	4.4	10
193	Herschel-ATLAS : the spatial clustering of low- and high-redshift submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4649-4664.	4.4	9
194	High-z Dusty Star-forming Galaxies: A Top-heavy Initial Mass Function?. <i>Astrophysical Journal</i> , 2020, 891, 74.	4.5	9
195	SPITZER-IRAC IDENTIFICATION OF HERSCHEL-ATLAS SPIRE SOURCES. <i>Astrophysical Journal</i> , 2012, 756, 28.	4.5	8
196	The Herschel Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2014, 562, A106.	5.1	8
197	Search for candidate strongly lensed dusty galaxies in the Planck satellite catalogues. <i>Astronomy and Astrophysics</i> , 2021, 653, A151.	5.1	7
198	Extragalactic point source detection in Wilkinson Microwave Anisotropy Probe 7-year data at 61 and 94 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3048-3057.	4.4	6

#	ARTICLE	IF	CITATIONS
199	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
200	The Planck-ATCA Coeval Observations project: the faint sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	5
201	Extragalactic Astrophysics With Next-Generation CMB Experiments. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	5
202	<i>Planck</i> intermediate results (Corrigendum). <i>Astronomy and Astrophysics</i> , 2013, 558, C2.	5.1	4
203	Predictions for surveys with the SPICA Mid-infrared Instrument. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 356-367.	4.4	4
204	Exploring the Evolution of Star Formation and Dwarf Galaxy Properties with JWST/MIRI Serendipitous Spectroscopic Surveys. <i>Astrophysical Journal</i> , 2017, 836, 171.	4.5	4
205	A new multiwavelength census of blazars. <i>Astronomy and Astrophysics</i> , 2020, 641, A62.	5.1	4
206	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2020, 644, A99.	5.1	4
207	The far-infrared/radio correlation for a sample of strongly lensed dusty star-forming galaxies detected by <i>Herschel</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4
208	The star-formation rates of QSOs. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4
209	The unusual ISM in blue and dusty gas-rich galaxies (BADGRS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1221-1239.	4.4	3
210	Understanding galaxy formation and evolution through an all-sky submillimetre spectroscopic survey. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	3
211	Interpreting the Statistical Properties of High-z Extragalactic Sources Detected by the South Pole Telescope Survey. <i>Astrophysical Journal</i> , 2022, 932, 13.	4.5	3
212	A multifrequency approach of the cosmological parameter estimation in the presence of extragalactic point sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 496-509.	4.4	2
213	The star formation history of redshift $z \sim 2$ galaxies: the role of the infrared prior. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 15-34.	1.7	2
214	Primordial nucleosynthesis constraints on high-z energy releases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5653-5655.	4.4	2
215	Selecting a complete sample of blazars in sub-millimetre catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 6013-6027.	4.4	2
216	Infrared-radio relation in the local Universe. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	1

#	ARTICLE	IF	CITATIONS
217	Observational Tests of the Galaxy Formation Process. <i>Astrophysics and Space Science</i> , 2004, 294, 3-8.	1.4	0
218	Predictions of radio counts of star forming galaxies for SKA precursors. <i>Journal of Physics: Conference Series</i> , 2014, 566, 012007.	0.4	0
219	Recent results and perspectives on cosmic backgrounds from radio to far-infrared. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930021.	2.1	0
220	Observability of Early Evolutionary Phases of Galaxies at mm Wavelengths. <i>Globular Clusters - Guides To Galaxies</i> , 1996, , 43-50.	0.1	0