

# Asantha Cooray

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

370  
papers

19,557  
citations

73  
h-index

121  
g-index

376  
ext. papers

21,635  
ext. citations

5.9  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
370	Anisotropies of cosmic optical and near-IR background from the China space station telescope (CSST). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 1830-1840	4.3	0
369	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 54	4.7	9
368	Polarization Spectrum of Near-Infrared Zodiacal Light Observed with CIBER. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 6	4.7	0
367	Inferred Measurements of the Zodiacal Light Absolute Intensity through Fraunhofer Absorption Line Spectroscopy with CIBER. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 133	4.7	0
366	Modelling high-resolution ALMA observations of strongly lensed dusty star-forming galaxies detected by Herschel. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 2426-2438	4.3	0
365	A high-resolution investigation of the multiphase ISM in a galaxy during the first two billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 3734-3757	4.3	4
364	Massive Molecular Gas Reservoir in a Luminous Submillimeter Galaxy during Cosmic Noon. <i>Astrophysical Journal</i> , <b>2022</b> , 929, 41	4.7	1
363	Origins Space Telescope: trades and decisions leading to the baseline mission concept. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , <b>2021</b> , 7,	1.1	1
362	The Physical Drivers of the Luminosity-weighted Dust Temperatures in High-redshift Galaxies. <i>Astrophysical Journal</i> , <b>2021</b> , 910, 89	4.7	5
361	Comprehensive Gas Characterization of a $z = 2.5$ Protocluster: A Cluster Core Caught in the Beginning of Virialization?. <i>Astrophysical Journal</i> , <b>2021</b> , 913, 110	4.7	4
360	The GADOT Galaxy Survey: Dense Gas and Feedback in Herschel-selected Starburst Galaxies at Redshifts 2 to 6. <i>Astrophysical Journal</i> , <b>2021</b> , 913, 141	4.7	6
359	Optimal survey parameters: Ly $\alpha$ and H $\alpha$ intensity mapping for synergy with the 21-cm signal during reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 1573-1584	4.3	2
358	Probing Cosmic Reionization and Molecular Gas Growth with TIME. <i>Astrophysical Journal</i> , <b>2021</b> , 915, 33	4.7	8
357	Space Project for Astrophysical and Cosmological Exploration (SPACE), an ESA stand-alone mission and a possible contribution to the Origins Space Telescope. <i>Experimental Astronomy</i> , <b>2021</b> , 51, 625	1.3	
356	Rise of the Titans: Gas Excitation and Feedback in a Binary Hyperluminous Dusty Starburst Galaxy at $z \approx 6$ . <i>Astrophysical Journal</i> , <b>2021</b> , 907, 62	4.7	5
355	A Long Stream of Metal-poor Cool Gas around a Massive Starburst Galaxy at $z = 2.67$ . <i>Astrophysical Journal</i> , <b>2021</b> , 908, 188	4.7	4
354	Close-up view of a luminous star-forming galaxy at $z = 2.95$ . <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A1225.1		9

353	Origins space telescope: from first light to life. <i>Experimental Astronomy</i> , <b>2021</b> , 51, 595	1.3	3
352	Probing Intra-Halo Light with Galaxy Stacking in CIBER Images. <i>Astrophysical Journal</i> , <b>2021</b> , 919, 69	4.7	1
351	Mid-IR cosmological spectrophotometric surveys from space: Measuring AGN and star formation at the cosmic noon with a SPICA-like mission. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	1
350	Three Dusty Star-forming Galaxies at $z \sim 1.5$ : Mergers and Disks on the Main Sequence. <i>Astrophysical Journal</i> , <b>2020</b> , 892, 104	4.7	5
349	Cosmological Constraints from Line Intensity Mapping with Interlopers. <i>Astrophysical Journal</i> , <b>2020</b> , 894, 152	4.7	14
348	Emergence of an Ultrared, Ultramassive Galaxy Cluster Core at $z = 4$ . <i>Astrophysical Journal</i> , <b>2020</b> , 898, 133	4.7	12
347	Cross-correlation of Far-infrared Background Anisotropies and CMB Lensing from Herschel and Planck Satellites. <i>Astrophysical Journal</i> , <b>2020</b> , 901, 34	4.7	3
346	A Spitzer survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 501, 892-910	4.3	5
345	Photometric Redshift Estimation with Galaxy Morphology Using Self-organizing Maps. <i>Astrophysical Journal</i> , <b>2020</b> , 888, 83	4.7	7
344	SCUBA-2 overdensities associated with candidate protoclusters selected from Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 5985-5991	4.3	1
343	The ISM Properties and Gas Kinematics of a Redshift 3 Massive Dusty Star-forming Galaxy. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 85	4.7	12
342	Multi-component Decomposition of Cosmic Infrared Background Fluctuations. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 86	4.7	2
341	Origins Space Telescope: predictions for far-IR spectroscopic surveys. <i>Publications of the Astronomical Society of Australia</i> , <b>2019</b> , 36,	5.5	9
340	Infrared Contributions of X-Ray Selected Active Galactic Nuclei in Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 87	4.7	16
339	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 111	4.7	814
338	SCUBA-2 observations of candidate starbursting protoclusters selected by Planck and Herschel-SPIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 3840-3859	4.3	12
337	Spitzer Catalog of Herschel-selected Ultrared Dusty Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 244, 30	8	8
336	Magnification, dust, and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> ,	4.3	5

335	A SCUBA-2 selected Herschel-SPIRE dropout and the nature of this population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5317-5334	4-3	3
334	LensFlow: A Convolutional Neural Network in Search of Strong Gravitational Lenses. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 68	4-7	25
333	Hafnium Films and Magnetic Shielding for TIME, A mm-Wavelength Spectrometer Array. <i>Journal of Low Temperature Physics</i> , <b>2018</b> , 193, 893-900	1-3	5
332	Spitzer Observations of the North Ecliptic Pole. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 234, 38	8	14
331	An Extreme Protocluster of Luminous Dusty Starbursts in the Early Universe. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 72	4-7	77
330	Red, redder, reddest: SCUBA-2 imaging of colour-selected Herschel sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1099-1119	4-3	15
329	The Strong Gravitationally Lensed Herschel Galaxy HLock01: Optical Spectroscopy Reveals a Close Galaxy Merger with Evidence of Inflowing Gas. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 151	4-7	10
328	On the far-infrared metallicity diagnostics: applications to high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 20-29	4-3	23
327	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing. <i>Nature Astronomy</i> , <b>2018</b> , 2, 56-62	12-1	59
326	A Proposed Heterodyne Receiver for the Origins Space Telescope. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2018</b> , 8, 558-571	3-4	16
325	Astrophysics with New Horizons: Making the Most of a Generational Opportunity. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2018</b> , 130, 115001	5	7
324	Candidate high- $z$ protoclusters among the Planck compact sources, as revealed by Herschel/SPIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 3336-3359	4-3	20
323	Modelling high-resolution ALMA observations of strongly lensed highly star-forming galaxies detected by Herschel?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 4383-4394	4-3	24
322	SOFIA/HAWC+ Detection of a Gravitationally Lensed Starburst Galaxy at $z = 1.03$ . <i>Astrophysical Journal</i> , <b>2018</b> , 864, 60	4-7	2
321	Flat Rotation Curves Found in Merging Dusty Starbursts at $z = 2.3$ through Tilted-ring Modeling. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 864, L11	7-9	6
320	Tomographic intensity mapping versus galaxy surveys: observing the Universe in H $\alpha$ emission with new generation instruments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1587-1608	4-3	15
319	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4939-4952	4-3	12
318	The Herschel-ATLAS: magnifications and physical sizes of 500- $\mu$ m-selected strongly lensed galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3467-3484	4-3	11

317	The Interstellar Medium in High-redshift Submillimeter Galaxies as Probed by Infrared Spectroscopy. <i>Astrophysical Journal</i> , <b>2017</b> , 837, 12	4-7	21
316	Planck Lensing and Cosmic Infrared Background Cross-correlation with Fermi-LAT: Tracing Dark Matter Signals in the Gamma-Ray Background. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 127	4-7	11
315	Measurement of the cosmic optical background using the long range reconnaissance imager on New Horizons. <i>Nature Communications</i> , <b>2017</b> , 8, 15003	17-4	25
314	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , <b>2017</b> , 356, 291-295	33-3	96
313	Near-infrared MOSFIRE Spectra of Dusty Star-forming Galaxies at 0.2 . <i>Astrophysical Journal</i> , <b>2017</b> , 840, 101	4-7	32
312	New Spectral Evidence of an Unaccounted Component of the Near-infrared Extragalactic Background Light from the CIBER. <i>Astrophysical Journal</i> , <b>2017</b> , 839, 7	4-7	48
311	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 228, 7	8	63
310	The Herschel-ATLAS: a sample of 500 $\mu\text{m}$ -selected lensed galaxies over 600 $\text{deg}^2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3558-3580	4-3	68
309	Stacked Average Far-infrared Spectrum of Dusty Star-forming Galaxies from the Herschel/SPIRE Fourier Transform Spectrometer. <i>Astrophysical Journal</i> , <b>2017</b> , 848, 30	4-7	12
308	Probing the Intergalactic Medium with Ly $\alpha$ and 21 cm Fluctuations. <i>Astrophysical Journal</i> , <b>2017</b> , 848, 52	4-7	19
307	LOW-RESOLUTION NEAR-INFRARED STELLAR SPECTRA OBSERVED BY THE COSMIC INFRARED BACKGROUND EXPERIMENT (CIBER). <i>Astronomical Journal</i> , <b>2017</b> , 153, 84	4-9	1
306	A Halo Model Approach to the 21 cm and Ly $\alpha$ Cross-correlation. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 21	4-7	13
305	Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at $z \sim 3$ . <i>Astrophysical Journal</i> , <b>2017</b> , 844, 82	4-7	10
304	Probing the cold and warm molecular gas in the Whirlpool Galaxy: Herschel SPIRE-FTS observations of the central region of M51 (NGC 5194). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 4989-5006	4-3	5
303	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 3775-3805	4-3	18
302	Intensity Mapping of H $\beta$ , H $\gamma$ , [O III], and [O II] Lines at $z \sim 3$ . <i>Astrophysical Journal</i> , <b>2017</b> , 835, 273	4-7	19
301	Rise of the Titans: A Dusty, Hyper-luminous $\beta$ 70 $\mu\text{m}$ Riser Galaxy at $z \sim 6$ . <i>Astrophysical Journal</i> , <b>2017</b> , 850, 1	4-7	56
300	Cosmology with intensity mapping techniques using atomic and molecular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 1948-1965	4-3	43

299	The Circumgalactic Medium of Submillimeter Galaxies. II. Unobscured QSOs within Dusty Starbursts and QSO Sightlines with Impact Parameters below 100 kpc. <i>Astrophysical Journal</i> , <b>2017</b> , 844, 123	4.7	3
298	High Dense Gas Fraction in Intensely Star-forming Dusty Galaxies. <i>Astrophysical Journal</i> , <b>2017</b> , 850, 170	4.7	24
297	Halo Pressure Profile through the Skew Cross-power Spectrum of the Sunyaev-Zeldovich Effect and CMB Lensing in Planck. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 849, L6	7.9	2
296	VALES III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2017</b> , 468, L103-L107	4.3	30
295	SPECTRAL LINE DE-CONFUSION IN AN INTENSITY MAPPING SURVEY. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 165	4.7	42
294	TOWARD A TOMOGRAPHIC ANALYSIS OF THE CROSS-CORRELATION BETWEEN PLANCK CMB LENSING AND H-ATLAS GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 24	4.7	26
293	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. <i>Astrophysical Journal</i> , <b>2016</b> , 829, 21	4.7	8
292	THE CIRCUMGALACTIC MEDIUM OF SUBMILLIMETER GALAXIES. I. FIRST RESULTS FROM A RADIO-IDENTIFIED SAMPLE. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 52	4.7	8
291	CROSS-CORRELATION BETWEEN X-RAY AND OPTICAL/NEAR-INFRARED BACKGROUND INTENSITY FLUCTUATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 104	4.7	16
290	The Herschel-ATLAS Data Release 1 II. Multi-wavelength counterparts to submillimetre sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 1714-1734	4.3	60
289	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS. <i>Astrophysical Journal</i> , <b>2016</b> , 823, 17	4.7	49
288	H-ATLAS: a candidate high redshift cluster/protocluster of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 1719-1733	4.3	22
287	GAMA/H-ATLAS: common star formation rate indicators and their dependence on galaxy physical parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 1898-1916	4.3	11
286	HerMES: a search for high-redshift dusty galaxies in the HerMES Large Mode Survey I catalogue, number counts and early results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 1989-2004	4.3	53
285	WITNESSING THE BIRTH OF THE RED SEQUENCE: ALMA HIGH-RESOLUTION IMAGING OF [C II] AND DUST IN TWO INTERACTING ULTRA-RED STARBURSTS AT $z = 4.425$ . <i>Astrophysical Journal</i> , <b>2016</b> , 827, 34	4.7	62
284	The HerMES submillimetre local and low-redshift luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 1999-2023	4.3	30
283	H-ATLAS/GAMA: the nature and characteristics of optically red galaxies detected at submillimetre wavelengths. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 2221-2259	4.3	13
282	Design and Fabrication of TES Detector Modules for the TIME-Pilot [CII] Intensity Mapping Experiment. <i>Journal of Low Temperature Physics</i> , <b>2016</b> , 184, 733-738	1.3	3



281	Star formation rates in luminous quasars at $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 4179-4194	4.3	41
280	Extragalactic background light measurements and applications. <i>Royal Society Open Science</i> , <b>2016</b> , 3, 150555	3.5	44
279	AXION DECAY AND ANISOTROPY OF NEAR-IR EXTRAGALACTIC BACKGROUND LIGHT. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 104	4.7	18
278	THE SPACE DENSITY OF LUMINOUS DUSTY STAR-FORMING GALAXIES AT $z > 4$ : SCUBA-2 AND LABOCA IMAGING OF ULTRARED GALAXIES FROM HERSCHEL-ATLAS. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 78	4.7	73
277	The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250 and 250/350 $\mu$ m surface brightness ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 135-167	4.7	51
276	A MASSIVE, DISTANT PROTO-CLUSTER AT $z = 2.47$ CAUGHT IN A PHASE OF RAPID FORMATION?. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 808, L33	7.9	74
275	Far-infrared observations of an unbiased sample of gamma-ray burst host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 1494-1503	4.3	11
274	A multiwavelength exploration of the [C ii]/IR ratio in H-ATLAS/GAMA galaxies out to $z \sim 0.2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2498-2513	4.3	21
273	EXTINCTION AND NEBULAR LINE PROPERTIES OF AHERSCHEL-SELECTED LENSED DUSTY STARBURST AT $z = 1.027$ . <i>Astrophysical Journal</i> , <b>2015</b> , 805, 140	4.7	8
272	PROSPECTS FOR DETECTING C II EMISSION DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 209	4.7	69
271	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> , <b>2015</b> , 802, 64	4.7	48
270	Ultraviolet luminosity density of the universe during the epoch of reionization. <i>Nature Communications</i> , <b>2015</b> , 6, 7945	17.4	34
269	MEASUREMENTS OF THE MEAN DIFFUSE GALACTIC LIGHT SPECTRUM IN THE 0.95-1.65 $\mu$ m BAND FROM CIBER. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 69	4.7	20
268	Inflation physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , <b>2015</b> , 63, 55-65	2.4	74
267	Neutrino physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , <b>2015</b> , 63, 66-80	2.4	187
266	Planck trispectrum constraints on primordial non-Gaussianity at cubic order. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
265	ENVIRONMENT OF THE SUBMILLIMETER-BRIGHT MASSIVE STARBURST HFLS3 AT $z \sim 6.34$ . <i>Astrophysical Journal</i> , <b>2015</b> , 810, 130	4.7	3
264	HerMES: ALMA IMAGING OF HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 43	4.7	68

263	CROSS-CORRELATION OF NEAR- AND FAR-INFRARED BACKGROUND ANISOTROPIES AS TRACED BY SPITZER AND HERSCHEL. <i>Astrophysical Journal</i> , <b>2015</b> , 811, 125	4.7	10
262	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 95	4.7	43
261	Revealing the complex nature of the strong gravitationally lensed system H-ATLAS J090311.6+003906 using ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 2258-2268	4.3	59
260	The composite nature of Dust-Obscured Galaxies (DOGs) at $z \sim 2$ in the COSMOS field. A far-infrared view. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 470-485	4.3	17
259	HerMES: disentangling active galactic nuclei and star formation in the radio source population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 4111-4127	4.3	6
258	ALMA RESOLVES THE PROPERTIES OF STAR-FORMING REGIONS IN A DENSE GAS DISK AT $z \sim 3$ . <i>Astrophysical Journal Letters</i> , <b>2015</b> , 806, L17	7.9	61
257	Co-evolution of black hole growth and star formation from a cross-correlation analysis between quasars and the cosmic infrared background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 4476-4493	4.3	15
256	Dust energy balance study of two edge-on spiral galaxies in the Herschel-ATLAS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 1728-1739	4.3	23
255	H-ATLAS/GAMA: quantifying the morphological evolution of the galaxy population using cosmic calorimetry. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3489-3507	4.3	13
254	Mapping the average AGN accretion rate in the SFR-M* plane for Herschel-selected galaxies at $0 < z < 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 373-389	4.3	68
253	SPITZER IMAGING OF STRONGLY LENSED HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 17	4.7	7
252	On the origin of near-infrared extragalactic background light anisotropy. <i>Science</i> , <b>2014</b> , 346, 732-5	33.3	80
251	The Tomographic Ionized-Carbon Mapping Experiment (TIME) CII Imaging Spectrometer. <i>Journal of Low Temperature Physics</i> , <b>2014</b> , 176, 767-772	1.3	4
250	Dusty star-forming galaxies at high redshift. <i>Physics Reports</i> , <b>2014</b> , 541, 45-161	27.7	440
249	HERSCHEL OBSERVATIONS OF FAR-INFRARED COOLING LINES IN INTERMEDIATE REDSHIFT (ULTRA)-LUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 781, L15	7.9	31
248	A FAR-INFRARED SPECTROSCOPIC SURVEY OF INTERMEDIATE REDSHIFT (ULTRA) LUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal</i> , <b>2014</b> , 796, 63	4.7	60
247	Herschel-ATLAS/GAMA: How does the far-IR luminosity function depend on galaxy group properties?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 2253-2270	4.3	8
246	Herschel-ATLAS/GAMA: SDSS cross-correlation induced by weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 2680-2690	4.3	16



245	PACS photometry of the Herschel Reference Survey [Far-infrared/submillimetre colours as tracers of dust properties in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 942-958	4-3	80
244	Herschel observations and a model for IRAS 08572+3915: a candidate for the most luminous infrared galaxy in the local (z Monthly Notices of the Royal Astronomical Society: Letters, <b>2014</b> , 437, L16-L20	4-3	27
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122	GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 415, 1002-1012	4-3	31
121	Secondary non-Gaussianity and cross-correlation analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 414, 3173-3197	4-3	20
120	Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 416, 857-872	4-3	97

119	Herschel-Astrophysical Terahertz Large Area Survey: detection of a far-infrared population around galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , no-no	4.3	3
118	The environment and characteristics of low-redshift galaxies detected by the Herschel-ATLAS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 418, 64-73	4.3	19
117	Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 417, 2239-2252	4.3	41
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115	The first release of data from the Herschel ATLAS: the SPIRE images?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 415, 911-917	4.3	89
114	Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 415, 2336-2348	4.3	105
113	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> , <b>2011</b> , 415, 3473-3484	4.3	68
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111	Cosmological and astrophysical neutrino mass measurements. <i>Astroparticle Physics</i> , <b>2011</b> , 35, 177-184	2.4	103
110	Future weak lensing constraints in a dark coupled universe. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	31
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108	HerMES: Herschel-SPIRE observations of Lyman break galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2010</b> , 409, L7-L12	4.3	23
107	HerMES: SPIRE detection of high-redshift massive compact galaxies in GOODS-N field. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2010</b> , 409, L19-L24	4.3	15
106	Cold dust and young starbursts: spectral energy distributions of Herschel SPIRE sources from the HerMES survey?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 2-11	4.3	41
105	Herschel reveals a $T_{\text{dust}}$ -unbiased selection of $z \sim 2$ ultraluminous infrared galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 22-28	4.3	58
104	H-ATLAS: PACS imaging for the Science Demonstration Phase. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 38-47	4.3	87
103	The Herschel Multi-Tiered Extragalactic Survey: source extraction and cross-identifications in confusion-dominated SPIRE images. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 48-65	4.3	140
102	The Deep SPIRE HerMES Survey: spectral energy distributions and their astrophysical indications at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 66-74	4.3	7

101	Evolution of dust temperature of galaxies through cosmic time as seen by Herschel?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 75-82	4.3	138
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99	Herschel-ATLAS: the far-infrared-radio correlation at z. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 92-101	4.3	60
98	On the origin of M81 group extended dust emission. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 102-108	4.3	19
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96	Herschel-ATLAS: far-infrared properties of radio-selected galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 409, 122-131	4.3	19
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93	The Herschel ATLAS. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2010</b> , 122, 499-515	5	434
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91	Constraints on primordial non-Gaussianity from WMAP7 and luminous red galaxies power spectrum and forecast for future surveys. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	10
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88	Impact of general reionization scenarios on extraction of inflationary parameters. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	14
87	Harrison-Zeldovich primordial spectrum is consistent with observations. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	19
86	Constraints on neutrino-dark matter interactions from cosmic microwave background and large scale structure data. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	54
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84	OBSERVATIONS OF THE NEAR-INFRARED SPECTRUM OF THE ZODIACAL LIGHT WITH CIBER. <i>Astrophysical Journal</i> , <b>2010</b> , 719, 394-402	4.7	36

83	MID-INFRARED VARIABILITY FROM THESPITZERDEEP WIDE-FIELD SURVEY. <i>Astrophysical Journal</i> , <b>2010</b> , 716, 530-543	4.7	39
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77	Gravitational Lensing <b>2009</b> ,		42
76	THESPITZERDEEP, WIDE-FIELD SURVEY. <i>Astrophysical Journal</i> , <b>2009</b> , 701, 428-453	4.7	166
75	SUBDEGREE SUNYAEV-ZEL'DOVICH SIGNAL FROM MULTIFREQUENCY BOOMERANG OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2009</b> , 702, L61-L65	4.7	10
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73	Cosmic shear from scalar-induced gravitational waves. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	26
72	Improved limit on the neutrino mass with CMB and redshift-dependent halo bias-mass relations from SDSS, DEEP2, and Lyman-break galaxies. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	20
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70	Impact of point source clustering on cosmological parameters with CMB anisotropies. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	15
69	Large scale structure as a probe of gravitational slip. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	153
68	Inflationary gravitational-wave background and measurements of the scalar spectral index. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	34
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64	Lensing and Supernovae: Quantifying the Bias on the Dark Energy Equation of State. <i>Astrophysical Journal</i> , <b>2008</b> , 678, 1-5	4.7	33
63	Direct reconstruction of the dark energy scalar-field potential. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	21
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60	Non-Gaussian covariance of CMB B modes of polarization and parameter degradation. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	16
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52	Cosmological bounds on dark-matter-neutrino interactions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	75
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47	Cosmology from Supernova Magnification Maps. <i>Astrophysical Journal</i> , <b>2006</b> , 637, L77-L80	4-7	35
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43	Indirect limit on the amplitude of primordial gravitational wave background from CMB-galaxy cross correlation. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	12
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40	Multifrequency Analysis of 21 Centimeter Fluctuations from the Era of Reionization. <i>Astrophysical Journal</i> , <b>2005</b> , 625, 575-587	4-7	195
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38	What is $L^*$ ? Anatomy of the Galaxy Luminosity Function. <i>Astrophysical Journal</i> , <b>2005</b> , 627, L89-L92	4-7	78
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35	Large-scale non-Gaussianities in the 21-cm background anisotropies from the era of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2005</b> , 363, 1049-1056	4-3	25
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