

Asantha Cooray

List of Publications by Citations

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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	Halo models of large scale structure. <i>Physics Reports</i> , 2002 , 372, 1-129	27.7	1342
369	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019 , 873, 111	4.7	814
368	TheHerschelMulti-tiered Extragalactic Survey: HerMES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 1614-1635	4.3	546
367	Dusty star-forming galaxies at high redshift. <i>Physics Reports</i> , 2014 , 541, 45-161	27.7	440
366	The Herschel ATLAS. <i>Publications of the Astronomical Society of the Pacific</i> , 2010 , 122, 499-515	5	434
365	A dust-obscured massive maximum-starburst galaxy at a redshift of 6.34. <i>Nature</i> , 2013 , 496, 329-33	50.4	405
364	The detection of a population of submillimeter-bright, strongly lensed galaxies. <i>Science</i> , 2010 , 330, 800-803	33.3	285
363	The Herschel? PEP/HerMES luminosity function II. Probing the evolution of PACS selected Galaxies to $z \approx 4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 23-52	4.3	275
362	CANDELS MULTIWAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS UKIDSS ULTRA-DEEP SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 206, 10	8	204
361	OBSERVATIONS OF Arp 220 USINGHERSCHEL-SPIRE: AN UNPRECEDENTED VIEW OF THE MOLECULAR GAS IN AN EXTREME STAR FORMATION ENVIRONMENT. <i>Astrophysical Journal</i> , 2011 , 743, 94	4.7	195
360	Multifrequency Analysis of 21 Centimeter Fluctuations from the Era of Reionization. <i>Astrophysical Journal</i> , 2005 , 625, 575-587	4.7	195
359	Neutrino physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , 2015 , 63, 66-80	2.4	187
358	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	4.3	175
357	THE SPITZER DEEP, WIDE-FIELD SURVEY. <i>Astrophysical Journal</i> , 2009 , 701, 428-453	4.7	166
356	Power Spectrum Covariance of Weak Gravitational Lensing. <i>Astrophysical Journal</i> , 2001 , 554, 56-66	4.7	166
355	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. <i>Astrophysical Journal</i> , 2012 , 758, 93	4.7	159
354	Large scale structure as a probe of gravitational slip. <i>Physical Review D</i> , 2008 , 77,	4.9	153

353	The suppression of star formation by powerful active galactic nuclei. <i>Nature</i> , 2012 , 485, 213-6	50.4	152
352	GAS AND DUST IN A SUBMILLIMETER GALAXY AT $z= 4.24$ FROM THEHERSCHELATLAS. <i>Astrophysical Journal</i> , 2011 , 740, 63	4.7	141
351	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> , 2010 , 409, 48-65	4.3	140
350	Testing general relativity with current cosmological data. <i>Physical Review D</i> , 2010 , 81,	4.9	140
349	Evolution of dust temperature of galaxies through cosmic time as seen by Herschel?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 75-82	4.3	138
348	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OFHERSCHEL-SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES AT $z> 1.5$. <i>Astrophysical Journal</i> , 2013 , 779, 25	4.7	137
347	An Overview of the Dwarf Galaxy Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2013 , 125, 600-635	5	136
346	GOODS-HERSCHELAND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES AT $z\sim 2$. <i>Astrophysical Journal</i> , 2012 , 757, 23	4.7	135
345	HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2011 , 742, 24	4.7	134
344	Halo model at its best: constraints on conditional luminosity functions from measured galaxy statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 365, 842-866	4.3	129
343	Investigations of dust heating in M81, M83 and NGC 2403 with the Herschel Space Observatory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 1833-1859	4.3	128
342	The Herschel census of infrared SEDs through cosmic time?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 431, 2317-2340	4.3	126
341	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2013 , 762, 59	4.7	126
340	HERSCHEL-ATLAS: A BINARY HyLIRG PINPOINTING A CLUSTER OF STARBURSTING PROTOELLIPTICALS. <i>Astrophysical Journal</i> , 2013 , 772, 137	4.7	123
339	Tracing the cosmic growth of supermassive black holes to $z\sim 3$ with Herschel?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 2736-2754	4.3	122
338	A REDSHIFT SURVEY OFHERSCHELFAR-INFRARED SELECTED STARBURSTS AND IMPLICATIONS FOR OBSCURED STAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 761, 140	4.7	122
337	Small-Scale Cosmic Microwave Background Temperature and Polarization Anisotropies Due to Patchy Reionization. <i>Astrophysical Journal</i> , 2003 , 598, 756-766	4.7	117
336	Herschel-ATLAS: multi-wavelength SEDs and physical properties of 250 μm selected galaxies at z <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 703-727	4.3	113

335	FAR-INFRARED FINE-STRUCTURE LINE DIAGNOSTICS OF ULTRALUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal</i> , 2013 , 776, 38	4.7	109
334	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. <i>Nature</i> , 2013 , 498, 338-41	50.4	105
333	HerMES: COSMIC INFRARED BACKGROUND ANISOTROPIES AND THE CLUSTERING OF DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013 , 772, 77	4.7	105
332	Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 2336-2348	4.3	105
331	Cosmological and astrophysical neutrino mass measurements. <i>Astroparticle Physics</i> , 2011 , 35, 177-184	2.4	103
330	Fast large volume simulations of the 21-cm signal from the reionization and pre-reionization epochs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 406, 2421-2432	4.3	103
329	ARE DUSTY GALAXIES BLUE? INSIGHTS ON UV ATTENUATION FROM DUST-SELECTED GALAXIES. <i>Astrophysical Journal</i> , 2014 , 796, 95	4.7	101
328	BLIND DETECTIONS OF COJ= 10 IN 11 H-ATLAS GALAXIES ATz= 2.1B.5 WITH THE GBT/ZPECTROMETER. <i>Astrophysical Journal</i> , 2012 , 752, 152	4.7	97
327	Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 416, 857-872	4.3	97
326	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017 , 356, 291-295	33.3	96
325	Imprint of Reionization on the Cosmic Microwave Background Bispectrum. <i>Astrophysical Journal</i> , 2000 , 534, 533-550	4.7	96
324	CMB constraints on primordial non-Gaussianity from the bispectrum (fNL) and trispectrum (gNL and tNL) and a new consistency test of single-field inflation. <i>Physical Review D</i> , 2010 , 81,	4.9	93
323	Second-Order Corrections to Weak Lensing by Large-Scale Structure. <i>Astrophysical Journal</i> , 2002 , 574, 19-23	4.7	92
322	The Herschel Multi-tiered Extragalactic Survey: SPIRE-mm photometric redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 2758-2773	4.3	91
321	Herschel-ATLAS/GAMA: dusty early-type galaxies and passive spirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 2545-2578	4.3	90
320	HerMES: deep galaxy number counts from a P(D) fluctuation analysis of SPIRE Science Demonstration Phase observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 109-121	4.3	90
319	Cosmic Reionization and the 21 cm Signal: Comparison between an Analytical Model and a Simulation. <i>Astrophysical Journal</i> , 2008 , 689, 1-16	4.7	90
318	The first release of data from the Herschel ATLAS: the SPIRE images?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 911-917	4.3	89

317	Submillimetre galaxies reside in dark matter haloes with masses greater than 3×10^{11} solar masses. <i>Nature</i> , 2011 , 470, 510-2	50.4	88
316	H-ATLAS: PACS imaging for the Science Demonstration Phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 38-47	4.3	87
315	HerMES: THE CONTRIBUTION TO THE COSMIC INFRARED BACKGROUND FROM GALAXIES SELECTED BY MASS AND REDSHIFT. <i>Astrophysical Journal</i> , 2013 , 779, 32	4.7	84
314	First Star Signature in Infrared Background Anisotropies. <i>Astrophysical Journal</i> , 2004 , 606, 611-624	4.7	83
313	HerMES: CANDIDATE HIGH-REDSHIFT GALAXIES DISCOVERED WITHHERSCHEL/SPIRE,. <i>Astrophysical Journal</i> , 2014 , 780, 75	4.7	83
312	A COMPREHENSIVE VIEW OF A STRONGLY LENSEDPLANCK-ASSOCIATED SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , 2012 , 753, 134	4.7	82
311	On the origin of near-infrared extragalactic background light anisotropy. <i>Science</i> , 2014 , 346, 732-5	33.3	80
310	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> , 2014 , 440, 942-958	4.3	80
309	HerMES: dust attenuation and star formation activity in ultraviolet-selected samples from $z \sim 4$ to ~ 1.5 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 1268-1283	4.3	80
308	DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL /SPIRE DATA. <i>Astrophysical Journal Letters</i> , 2011 , 732, L35	7.9	78
307	What is L ? ? Anatomy of the Galaxy Luminosity Function. <i>Astrophysical Journal</i> , 2005 , 627, L89-L92	4.7	78
306	An Extreme Protocluster of Luminous Dusty Starbursts in the Early Universe. <i>Astrophysical Journal</i> , 2018 , 856, 72	4.7	77
305	HerMES: unveiling obscured star formation ¶the far-infrared luminosity function of ultraviolet-selected galaxies at $z \sim 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 1113-1132	4.3	77
304	CAN DUST EMISSION BE USED TO ESTIMATE THE MASS OF THE INTERSTELLAR MEDIUM IN GALAXIES? A PILOT PROJECT WITH THE HERSCHEL REFERENCE SURVEY. <i>Astrophysical Journal</i> , 2012 , 761, 168	4.7	75
303	Near-infrared background anisotropies from diffuse intrahalo light of galaxies. <i>Nature</i> , 2012 , 490, 514-6	50.4	75
302	HERSCHEL-SPIRE IMAGING SPECTROSCOPY OF MOLECULAR GAS IN M82. <i>Astrophysical Journal</i> , 2012 , 753, 70	4.7	75
301	Cosmological bounds on dark-matter-neutrino interactions. <i>Physical Review D</i> , 2006 , 74,	4.9	75
300	A MASSIVE, DISTANT PROTO-CLUSTER AT $z = 2.47$ CAUGHT IN A PHASE OF RAPID FORMATION?. <i>Astrophysical Journal Letters</i> , 2015 , 808, L33	7.9	74

299	Inflation physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , 2015 , 63, 55-65	2.4	74
298	21-cm background anisotropies can discern primordial non-Gaussianity. <i>Physical Review Letters</i> , 2006 , 97, 261301	7.4	73
297	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> , 2016 , 832, 78	4.7	73
296	Phenomenology of D-brane inflation with general speed of sound. <i>Physical Review D</i> , 2007 , 76,	4.9	72
295	SPATIALLY RESOLVED STELLAR, DUST, AND GAS PROPERTIES OF THE POST-INTERACTING WHIRLPOOL GALAXY SYSTEM. <i>Astrophysical Journal</i> , 2012 , 755, 165	4.7	71
294	Probing Early Structure Formation with Far-Infrared Background Correlations. <i>Astrophysical Journal</i> , 2001 , 550, 7-20	4.7	71
293	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	4.3	70
292	Large-Scale Sunyaev-Zeldovich Effect: Measuring Statistical Properties with Multifrequency Maps. <i>Astrophysical Journal</i> , 2000 , 540, 1-13	4.7	70
291	PROSPECTS FOR DETECTING C II EMISSION DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2015 , 806, 209	4.7	69
290	SUBMILLIMETER LINE SPECTRUM OF THE SEYFERT GALAXY NGC 1068 FROM THE HERSCHEL-SPIRE FOURIER TRANSFORM SPECTROMETER. <i>Astrophysical Journal</i> , 2012 , 758, 108	4.7	69
289	The Herschel-ATLAS: a sample of 500 μm -selected lensed galaxies over 600 deg^2 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 3558-3580	4.3	68
288	HerMES: ALMA IMAGING OF HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015 , 812, 43	4.7	68
287	Mapping the average AGN accretion rate in the SFR M^* plane for Herschel-selected galaxies at 0 Mpc^{-2} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 373-389	4.3	68
286	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	4.3	68
285	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 228, 7	8	63
284	Connecting stellar mass and star-formation rate to dark matter halo mass out to $z \sim 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 431, 648-661	4.3	63
283	PROBING REIONIZATION WITH INTENSITY MAPPING OF MOLECULAR AND FINE-STRUCTURE LINES. <i>Astrophysical Journal Letters</i> , 2011 , 728, L46	7.9	63
282	Cosmic shear of the microwave background: The curl diagnostic. <i>Physical Review D</i> , 2005 , 71,	4.9	63

281	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> , 2016 , 827, 34	4.7	62
280	HERSCHEL-ATLAS: TOWARD A SAMPLE OF ~1000 STRONGLY LENSED GALAXIES. <i>Astrophysical Journal</i> , 2012 , 749, 65	4.7	62
279	ALMA RESOLVES THE PROPERTIES OF STAR-FORMING REGIONS IN A DENSE GAS DISK AT $z \sim 3$. <i>Astrophysical Journal Letters</i> , 2015 , 806, L17	7.9	61
278	Weak Gravitational Lensing Bispectrum. <i>Astrophysical Journal</i> , 2001 , 548, 7-18	4.7	61
277	TheHerschel-ATLAS Data Release 1 III. Multi-wavelength counterparts to submillimetre sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1714-1734	4.3	60
276	A FAR-INFRARED SPECTROSCOPIC SURVEY OF INTERMEDIATE REDSHIFT (ULTRA) LUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal</i> , 2014 , 796, 63	4.7	60
275	HerMES: point source catalogues from deep Herschel-SPIRE observations?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 377-389	4.3	60
274	Herschel-ATLAS: the far-infrared-radio correlation at z Monthly Notices of the Royal Astronomical Society, 2010 , 409, 92-101	4.3	60
273	No evidence for dark energy dynamics from a global analysis of cosmological data. <i>Physical Review D</i> , 2009 , 80,	4.9	60
272	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> , 2015 , 452, 2258-2268	4.3	59
271	Derotation of the cosmic microwave background polarization: Full-sky formalism. <i>Physical Review D</i> , 2009 , 80,	4.9	59
270	Measuring Angular Diameter Distances through Halo Clustering. <i>Astrophysical Journal</i> , 2001 , 557, L7-L10	4.7	59
269	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing. <i>Nature Astronomy</i> , 2018 , 2, 56-62	12.1	59
268	THE AVERAGE PHYSICAL PROPERTIES AND STAR FORMATION HISTORIES OF THE UV-BRIGHTEST STAR-FORMING GALAXIES AT $z \sim 3.7$. <i>Astrophysical Journal</i> , 2011 , 733, 99	4.7	58
267	Herschel reveals a T_{dust} -unbiased selection of $z \sim 2$ ultraluminous infrared galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 22-28	4.3	58
266	The Far-Infrared Background Correlation with Cosmic Microwave Background Lensing. <i>Astrophysical Journal</i> , 2003 , 590, 664-672	4.7	58
265	Herschel *-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 1999-2012	4.3	57
264	The dust energy balance in the edge-on spiral galaxy NGC 4565. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 2797-2811	4.3	57

263	Rise of the Titans: A Dusty, Hyper-luminous $z \sim 6$ Ly α Emission Galaxy at $z \sim 6$. <i>Astrophysical Journal</i> , 2017 , 850, 1	4-7	56
262	Herschel Multitiered Extragalactic Survey: clusters of dusty galaxies uncovered by Herschel and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1193-1211	4-3	56
261	INTENSITY MAPPING OF Ly α EMISSION DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2013 , 763, 132	4-7	56
260	THE NEAR-INFRARED BACKGROUND INTENSITY AND ANISOTROPIES DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2012 , 756, 92	4-7	55
259	Constraints on neutrino-dark matter interactions from cosmic microwave background and large scale structure data. <i>Physical Review D</i> , 2010 , 81,	4-9	54
258	HerMES: a search for high-redshift dusty galaxies in the HerMES Large Mode Survey catalogue, number counts and early results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1989-2000	4-3	53
257	DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED $z \sim 3$ SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL. <i>Astrophysical Journal Letters</i> , 2011 , 733, L12	7-9	53
256	HerMES: THE REST-FRAME UV EMISSION AND A LENSING MODEL FOR THE $z = 6.34$ LUMINOUS DUSTY STARBURST GALAXY HFLS3. <i>Astrophysical Journal</i> , 2014 , 790, 40	4-7	52
255	MEASUREMENTS OF CO REDSHIFTS WITH Z-SPEC FOR LENSED SUBMILLIMETER GALAXIES DISCOVERED IN THE H-ATLAS SURVEY. <i>Astrophysical Journal</i> , 2012 , 757, 135	4-7	52
254	The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250 and 250/350 μ m surface brightness ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 135-167	4-3	51
253	HerMES: SPIRE Science Demonstration Phase maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 83-91	4-3	51
252	Weak Lensing by Large-Scale Structure: A Dark Matter Halo Approach. <i>Astrophysical Journal</i> , 2000 , 535, L9-L12	4-7	51
251	Cosmic Microwave Background Temperature at Galaxy Clusters. <i>Astrophysical Journal</i> , 2002 , 580, L101-L104	4-7	51
250	Dissipationless Merging and the Assembly of Central Galaxies. <i>Astrophysical Journal</i> , 2005 , 627, L85-L88	4-7	50
249	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS. <i>Astrophysical Journal</i> , 2016 , 823, 17	4-7	49
248	A POPULATION OF $z > 2$ FAR-INFRARED HERSCHEL-SPIRE-SELECTED STARBURSTS. <i>Astrophysical Journal</i> , 2012 , 761, 139	4-7	49
247	New Spectral Evidence of an Unaccounted Component of the Near-infrared Extragalactic Background Light from the CIBER. <i>Astrophysical Journal</i> , 2017 , 839, 7	4-7	48
246	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	4-7	48

245	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	4.3	48
244	Cluster Merger Variance and the Luminosity Gap Statistic. <i>Astrophysical Journal</i> , 2006 , 637, L9-L12	4.7	48
243	Weak lensing of the CMB: extraction of lensing information from the trispectrum. <i>New Astronomy</i> , 2003 , 8, 231-253	1.8	48
242	Sunyaev--Zeldovich fluctuations from the first stars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 342, L20-L24	4.3	47
241	First sources in infrared light: stars, supernovae and miniquasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 351, L71-L77	4.3	46
240	FOREGROUND CONTAMINATION IN Ly α INTENSITY MAPPING DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2014 , 785, 72	4.7	44
239	Herschel-ATLAS: modelling the first strong gravitational lenses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 2013-2025	4.3	44
238	Inferring the mass of submillimetre galaxies by exploiting their gravitational magnification of background galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 3230-3237	4.3	44
237	Extragalactic background light measurements and applications. <i>Royal Society Open Science</i> , 2016 , 3, 150555	3.5	44
236	Cosmology with intensity mapping techniques using atomic and molecular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 1948-1965	4.3	43
235	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2015 , 814, 95	4.7	43
234	REGIONAL VARIATIONS IN THE DENSE GAS HEATING AND COOLING IN M51 FROM HERSCHEL FAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2013 , 776, 65	4.7	43
233	Deciphering inflation with gravitational waves: Cosmic microwave background polarization vs direct detection with laser interferometers. <i>Physical Review D</i> , 2006 , 73,	4.9	43
232	SPECTRAL LINE DE-CONFUSION IN AN INTENSITY MAPPING SURVEY. <i>Astrophysical Journal</i> , 2016 , 832, 165	4.7	42
231	Gravitational Lensing 2009 ,		42
230	Star formation rates in luminous quasars at $z \sim 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 4179-4194	4.3	41
229	The dust and gas properties of M83. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 2917-2929	4.3	41
228	Isothermal dust models of Herschel-ATLAS? galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 2435-2453	4.3	41

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