Asantha Cooray

List of Publications by Year
in descending order

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		7087	11303
374	23,858	78	136
papers	citations	h-index	g-index

376	376	376	10435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. Astrophysical Journal, 2019, 873, 111.	1.6	1,744
2	Halo models of large scale structure. Physics Reports, 2002, 372, 1-129.	10.3	1,552
3	TheHerschelMulti-tiered Extragalactic Survey: HerMES. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1614-1635.	1.6	646
4	Dusty star-forming galaxies at high redshift. Physics Reports, 2014, 541, 45-161.	10.3	564
5	The Herschel ATLAS. Publications of the Astronomical Society of the Pacific, 2010, 122, 499-515.	1.0	489
6	A dust-obscured massive maximum-starburst galaxy at a redshift of 6.34. Nature, 2013, 496, 329-333.	13.7	474
7	The Herschelâ˜... PEP/HerMES luminosity function â€“ I. Probing the evolution of PACS selected Galaxies to z â‰ƒ 4. Monthly Notices of the Royal Astronomical Society, 2013, 432, 23-52.	1.6	341
8	The Detection of a Population of Submillimeter-Bright, Strongly Lensed Galaxies. Science, 2010, 330, 800-804.	6.0	330
9	CANDELS MULTIWAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS UKIDSS ULTRA-DEEP SURVEY FIELD. Astrophysical Journal, Supplement Series, 2013, 206, 10.	3.0	252
10	Multifrequency Analysis of 21 Centimeter Fluctuations from the Era of Reionization. Astrophysical Journal, 2005, 625, 575-587.	1.6	232
11	Large scale structure as a probe of gravitational slip. Physical Review D, 2008, 77, .	1.6	230
12	OBSERVATIONS OF Arp 220 USINGHERSCHEL-SPIRE: AN UNPRECEDENTED VIEW OF THE MOLECULAR GAS IN AN EXTREME STAR FORMATION ENVIRONMENT. Astrophysical Journal, 2011, 743, 94.	1.6	222
13	Neutrino physics from the cosmic microwave background and large scale structure. Astroparticle Physics, 2015, 63, 66-80.	1.9	218
14	Herschelâ˜...-ATLAS: rapid evolution of dust in galaxies over the last 5 billion years. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1510-1533.	1.6	198
15	THESPITZERDEEP, WIDE-FIELD SURVEY. Astrophysical Journal, 2009, 701, 428-453.	1.6	183
16	The suppression of star formation by powerful active galactic nuclei. Nature, 2012, 485, 213-216.	13.7	175
17	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. Astrophysical Journal, 2012, 758, 93.	1.6	174
18	Power Spectrum Covariance of Weak Gravitational Lensing. Astrophysical Journal, 2001, 554, 56-66.	1.6	172

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19	An Overview of the Dwarf Galaxy Survey. Publications of the Astronomical Society of the Pacific, 2013, 125, 600-635.	1.0	172
20	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295.	6.0	168
21	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OFHERSCHEL-SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES ATz> 1.5. Astrophysical Journal, 2013, 779, 25.	1.6	163
22	GOODS-HERSCHELAND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES ATzâ¼ 2. Astrophysical Journal, 2012, 757, 23.	1.6	157
23	The Herschel Multi-Tiered Extragalactic Survey: source extraction and cross-identifications in confusion-dominated SPIRE images. Monthly Notices of the Royal Astronomical Society, 2010, 409, 48-65.	1.6	156
24	GAS AND DUST IN A SUBMILLIMETER GALAXY ATz= 4.24 FROM THEHERSCHELATLAS. Astrophysical Journal, 2011, 740, 63.	1.6	156
25	HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES. Astrophysical Journal, 2011, 742, 24.	1.6	151
26	Tracing the cosmic growth of supermassive black holes to zÂâ¼Â3 with Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2736-2754.	1.6	150
27	Testing general relativity with current cosmological data. Physical Review D, 2010, 81, .	1.6	149
28	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. Astrophysical Journal, 2013, 762, 59.	1.6	147
29	Evolution of dust temperature of galaxies through cosmic time as seen by Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2010, 409, 75-82.	1.6	145
30	HERSCHEL-ATLAS: A BINARY HyLIRG PINPOINTING A CLUSTER OF STARBURSTING PROTOELLIPTICALS. Astrophysical Journal, 2013, 772, 137.	1.6	144
31	A REDSHIFT SURVEY OFHERSCHELFAR-INFRARED SELECTED STARBURSTS AND IMPLICATIONS FOR OBSCURED STAR FORMATION. Astrophysical Journal, 2012, 761, 140.	1.6	142
32	Halo model at its best: constraints on conditional luminosity functions from measured galaxy statistics. Monthly Notices of the Royal Astronomical Society, 2006, 365, 842-866.	1.6	139
33	Investigations of dust heating in M81, M83 and NGC 2403 with theâ€‚Herschel Space Observatory. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1833-1859.	1.6	136
34	The Herschel census of infrared SEDs through cosmic timeâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2317-2340.	1.6	134
35	HerMES: COSMIC INFRARED BACKGROUND ANISOTROPIES AND THE CLUSTERING OF DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 772, 77.	1.6	132
36	Fast large volume simulations of the 21-cm signal from the reionization and pre-reionization epochs. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2421-2432.	1.6	131

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37	FAR-INFRARED FINE-STRUCTURE LINE DIAGNOSTICS OF ULTRALUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2013, 776, 38.	1.6	129
38	ARE DUSTY GALAXIES BLUE? INSIGHTS ON UV ATTENUATION FROM DUST-SELECTED GALAXIES. Astrophysical Journal, 2014, 796, 95.	1.6	126
39	Herschel-ATLAS: multi-wavelength SEDs and physical properties of 250 Î¼m selected galaxies atz< 0.5. Monthly Notices of the Royal Astronomical Society, 2012, 427, 703-727.	1.6	124
40	Smallâ€Scale Cosmic Microwave Background Temperature and Polarization Anisotropies Due to Patchy Reionization. Astrophysical Journal, 2003, 598, 756-766.	1.6	121
41	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. Nature, 2013, 498, 338-341.	13.7	119
42	An Extreme Protocluster of Luminous Dusty Starbursts in the Early Universe. Astrophysical Journal, 2018, 856, 72.	1.6	118
43	BLIND DETECTIONS OF COJ= 1â€“0 IN 11 H-ATLAS GALAXIES ATz= 2.1â€“3.5 WITH THE GBT/ZPECTROMETER. Astrophysical Journal, 2012, 752, 152.	1.6	113
44	Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2336-2348.	1.6	110
45	Cosmological and astrophysical neutrino mass measurements. Astroparticle Physics, 2011, 35, 177-184.	1.9	108
46	Secondâ€Order Corrections to Weak Lensing by Largeâ€Scale Structure. Astrophysical Journal, 2002, 574, 19-23.	1.6	105
47	Herschelâ˜…-ATLAS/GAMA: dusty early-type galaxies and passive spirals. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2545-2578.	1.6	104
48	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.	1.6	103
49	A MASSIVE, DISTANT PROTO-CLUSTER AT z = 2.47 CAUGHT IN A PHASE OF RAPID FORMATION?. Astrophysical Journal Letters, 2015, 808, L33.	3.0	103
50	PROSPECTS FOR DETECTING C II EMISSION DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2015, 806, 209.	1.6	103
51			

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55	The Herschel Multi-tiered Extragalactic Survey: SPIRE-mm photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2758-2773.	1.6	99
56	HerMES: THE CONTRIBUTION TO THE COSMIC INFRARED BACKGROUND FROM GALAXIES SELECTED BY MASS AND REDSHIFT. Astrophysical Journal, 2013, 779, 32.	1.6	99
57	HerMES: deep galaxy number counts from a P(D) fluctuation analysis of SPIRE Science Demonstration Phase observations. Monthly Notices of the Royal Astronomical Society, 2010, 409, 109-121.	1.6	98
58	Submillimetre galaxies reside in dark matter haloes with masses greater than 3â€‰Ã—â€‰1011 solar masses. Nature, 2011, 470, 510-512.	13.7	98
59	HerMES: dust attenuation and star formation activity in ultraviolet-selected samples from zâˆ¼ 4 to âˆ¼ 1.5â˜…. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1268-1283.	1.6	96
60	On the origin of near-infrared extragalactic background light anisotropy. Science, 2014, 346, 732-735.	6.0	96
61	TheHerschel-ATLAS: a sample of 500ÂÎ¼m-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	1.6	96
62	The first release of data from the Herschel ATLAS: the SPIRE imagesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 911-917.	1.6	95
63	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. Astrophysical Journal, Supplement Series, 2017, 228, 7.	3.0	95
64	CAN DUST EMISSION BE USED TO ESTIMATE THE MASS OF THE INTERSTELLAR MEDIUM IN GALAXIESâ€"A PILOT PROJECT WITH THE HERSCHEL REFERENCE SURVEY. Astrophysical Journal, 2012, 761, 168.	1.6	92
65	HerMES: CANDIDATE HIGH-REDSHIFT GALAXIES DISCOVERED WITHHERSCHEL/SPIRE,. Astrophysical Journal, 2014, 780, 75.	1.6	92
66	THE SPACE DENSITY OF LUMINOUS DUSTY STAR-FORMING GALAXIES AT zÂ>Â4: SCUBA-2 AND LABOCA IMAGING OF ULTRARED GALAXIES FROM HERSCHEL-ATLAS. Astrophysical Journal, 2016, 832, 78.	1.6	91
67	H-ATLAS: PACS imaging for the Science Demonstration Phase. Monthly Notices of the Royal Astronomical Society, 2010, 409, 38-47.	1.6	90
68	Inflation physics from the cosmic microwave background and large scale structure. Astroparticle Physics, 2015, 63, 55-65.	1.9	90
69	Near-infrared background anisotropies from diffuse intrahalo light of galaxies. Nature, 2012, 490, 514-516.	13.7	89
70	A COMPREHENSIVE VIEW OF A STRONGLY LENSEDPLANCK-ASSOCIATED SUBMILLIMETER GALAXY. Astrophysical Journal, 2012, 753, 134.	1.6	89
71	PACS photometry of the Herschel Reference Survey â€“ far-infrared/submillimetre colours as tracers of dust properties in nearby galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 440, 942-956.	1.6	89
72	First Star Signature in Infrared Background Anisotropies. Astrophysical Journal, 2004, 606, 611-624.	1.6	88

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73	HerMES: ALMA IMAGING OFHERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 812, 43.	1.6	88
74	DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL/SPIRE [*] DATA. Astrophysical Journal Letters, 2011, 732, L35.	3.0	86
75	HerMES: unveiling obscured star formation â€“ the far-infrared luminosity function of ultraviolet-selected galaxies at z âˆ¼ 1.5. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1113-1132.	1.6	83
76	What is L â‹† ? Anatomy of the Galaxy Luminosity Function. Astrophysical Journal, 2005, 627, L89-L92.	1.6	82
77	Phenomenology of D-brane inflation with general speed of sound. Physical Review D, 2007, 76, .	1.6	82
78	HERSCHEL-SPIRE IMAGING SPECTROSCOPY OF MOLECULAR GAS IN M82. Astrophysical Journal, 2012, 753, 70.	1.6	82
79	SUBMILLIMETER LINE SPECTRUM OF THE SEYFERT GALAXY NGC 1068 FROM THEHERSCHEL-SPIRE FOURIER TRANSFORM SPECTROMETER. Astrophysical Journal, 2012, 758, 108.	1.6	82
80	21-cm Background Anisotropies Can Discern Primordial Non-Gaussianity. Physical Review Letters, 2006, 97, 261301.	2.9	79
81	Probing Early Structure Formation with Farâ€Infrared Background Correlations. Astrophysical Journal, 2001, 550, 7-20.	1.6	79
82	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	1.6	79
83	Herschelâ˜…-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3027-3059.	1.6	77
84	PROBING REIONIZATION WITH INTENSITY MAPPING OF MOLECULAR AND FINE-STRUCTURE LINES. Astrophysical Journal Letters, 2011, 728, L46.	3.0	76
85	SPATIALLY RESOLVED STELLAR, DUST, AND GAS PROPERTIES OF THE POST-INTERACTING WHIRLPOOL GALAXY SYSTEM. Astrophysical Journal, 2012, 755, 165.	1.6	76
86	TheHerschel-ATLAS Data Release 1 â€“ II. Multi-wavelength counterparts to submillimetre sources. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1714-1734.	1.6	76
87	Connecting stellar mass and star-formation rate to dark matter halo mass out to z âˆ¼ 2. Monthly Notices of the Royal Astronomical Society, 2013, 431, 648-661.	1.6	75
88	WITNESSING THE BIRTH OF THE RED SEQUENCE: ALMA HIGH-RESOLUTION IMAGING OF AND DUST IN TWO INTERACTING ULTRA-RED STARBURSTS AT z = 4.425. Astrophysical Journal, 2016, 827, 34.	1.6	75
89	Revealing the complex nature of the strong gravitationally lensed system H-ATLAS J090311.6+003906 using ALMA. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2258-2268.	1.6	74
90	ALMA RESOLVES THE PROPERTIES OF STAR-FORMING REGIONS IN A DENSE GAS DISK AT z âˆ¼ 3. Astrophysical Journal Letters, 2015, 806, L17.	3.0	74

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91	A dusty star-forming galaxy at z = 6 revealed by strong gravitational lensing. Nature Astronomy, 2018, 2, 56-62.	4.2	74
92	Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from theâ€‚Herschel-ATLASâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3473-3484.	1.6	73
93	Mapping the average AGN accretion rate in the SFRâ€“M* plane for Herschelâ˜…-selected galaxies at 0Â<ÂzÂâ‰Â2.5. Monthly Notices of the Royal Astronomical Society, 2015, 449, 373-389.	1.6	73
94	Rise of the Titans: A Dusty, Hyper-luminous â€œ870 Î¼m Riserâ€•Galaxy at zÂâ¼Â6. Astrophysical Journal, 2017, 850, 1.	1.6	73
95	HERSCHEL-ATLAS: TOWARD A SAMPLE OF â¼1000 STRONGLY LENSED GALAXIES. Astrophysical Journal, 2012, 749, 65.	1.6	72
96	INTENSITY MAPPING OF LyÎ± EMISSION DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2013, 763, 132.	1.6	72
97	Largeâ€‘Scale Sunyaevâ€“Zeldovich Effect: Measuring Statistical Properties with Multifrequency Maps. Astrophysical Journal, 2000, 540, 1-13.	1.6	71
98	Herschel-ATLAS: the far-infrared-radio correlation at z < 0.5â˜…. Monthly Notices of the Royal Astronomical Society, 2010, 409, 92-101.	1.6	71
99	Cosmic shear of the microwave background: The curl diagnostic. Physical Review D, 2005, 71, .	1.6	70
100	Constraints on neutrino-dark matter interactions from cosmic microwave background and large scale structure data. Physical Review D, 2010, 81, .	1.6	70
101	Herschel Multitiered Extragalactic Survey: clusters of dusty galaxies uncovered by Herschelâ˜… and Planckâ€. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1193-1211.	1.6	69
102	The Farâ€‘Infrared Background Correlation with Cosmic Microwave Background Lensing. Astrophysical Journal, 2003, 590, 664-672.	1.6	68
103	Derotation of the cosmic microwave background polarization: Full-sky formalism. Physical Review D, 2009, 80, .	1.6	67
104	New Spectral Evidence of an Unaccounted Component of the Near-infrared Extragalactic Background Light from the CIBER. Astrophysical Journal, 2017, 839, 7.	1.6	67
105	No evidence for dark energy dynamics from a global analysis of cosmological data. Physical Review D, 2009, 80, .	1.6	65
106	A FAR-INFRARED SPECTROSCOPIC SURVEY OF INTERMEDIATE REDSHIFT (ULTRA) LUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2014, 796, 63.	1.6	65
107	Extragalactic background light measurements and applications. Royal Society Open Science, 2016, 3, 150555.	1.1	65
108	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS*. Astrophysical Journal, 2016, 823, 17.	1.6	65

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109	HerMES: THE REST-FRAME UV EMISSION AND A LENSING MODEL FOR THEz= 6.34 LUMINOUS DUSTY STARBURST GALAXY HFLS3. Astrophysical Journal, 2014, 790, 40.	1.6	64
110	Weak Gravitational Lensing Bispectrum. Astrophysical Journal, 2001, 548, 7-18.	1.6	64
111	Herschel reveals a Tdust-unbiased selection of zâ¼ 2 ultraluminous infrared galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 409, 22-28.	1.6	63
112	Herschel *-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1999-2012.	1.6	63
113	The dust energy balance in the edge-on spiral galaxy NGC 4565. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2797-2811.	1.6	62
114	HerMES: point source catalogues from deepâ€,Herschel-SPIRE observationsâ˜.... Monthly Notices of the Royal Astronomical Society, 2012, 419, 377-389.	1.6	62
115	CROSS-CORRELATION BETWEEN THE CMB LENSING POTENTIAL MEASURED BYPLANCKAND HIGH-zSUBMILLIMETER GALAXIES DETECTED BY THEHERSCHEL-ATLAS SURVEY. Astrophysical Journal, 2015, 802, 64.	1.6	61
116	Measuring Angular Diameter Distances through Halo Clustering. Astrophysical Journal, 2001, 557, L7-L10.	1.6	60
117	THE AVERAGE PHYSICAL PROPERTIES AND STAR FORMATION HISTORIES OF THE UV-BRIGHTEST STAR-FORMING GALAXIES ATz/i>âˆ¼ 3.7. Astrophysical Journal, 2011, 733, 99.	1.6	59
118	THE NEAR-INFRARED BACKGROUND INTENSITY AND ANISOTROPIES DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2012, 756, 92.	1.6	58
119	MEASUREMENTS OF CO REDSHIFTS WITH Z-SPEC FOR LENSED SUBMILLIMETER GALAXIES DISCOVERED IN THE H-ATLAS SURVEY. Astrophysical Journal, 2012, 757, 135.	1.6	58
120	SPECTRAL LINE DE-CONFUSION IN AN INTENSITY MAPPING SURVEY. Astrophysical Journal, 2016, 832, 165.	1.6	58
121	HerMES: a search for high-redshift dusty galaxies in the HerMES Large Mode Survey â€“ catalogue, number counts and early results. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1989-2000.	1.6	58
122	DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED z â‰ƒ 3 SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL. Astrophysical Journal Letters, 2011, 733, L12.	3.0	56
123	The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250 and 250/350â€‰Î¼m surface brightness ratios. Monthly Notices of the Royal Astronomical Society, 2015, 448, 135-167.	1.6	56
124	HerMES: SPIRE Science Demonstration Phase mapsâ˜…â€â€¡. Monthly Notices of the Royal Astronomical Society, 2010, 409, 83-91.	1.6	54
125	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2015, 814, 95.	1.6	54
126	Cosmology with intensity mapping techniques using atomic and molecular lines. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1948-1965.	1.6	54

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127	Cosmic Microwave Background Temperature at Galaxy Clusters. Astrophysical Journal, 2002, 580, L101-L104.	1.6	54
128	Herschel-ATLAS/GAMA: a difference between star formation rates in strong-line and weak-line radio galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2407-2424.	1.6	53
129	FOREGROUND CONTAMINATION IN LyÎ± INTENSITY MAPPING DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2014, 785, 72.	1.6	53
130	Weak lensing of the CMB: extraction of lensing information from the trispectrum. New Astronomy, 2003, 8, 231-253.	0.8	52
131	A POPULATION OFz> 2 FAR-INFRAREDHERSCHEL-SPIRE-SELECTED STARBURSTS. Astrophysical Journal, 2012, 761, 139.	1.6	52
132	Inferring the mass of submillimetre galaxies by exploiting their gravitational magnification of background galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3230-3237.	1.6	52
133	Weak Lensing by Large-Scale Structure: A Dark Matter Halo Approach. Astrophysical Journal, 2000, 535, L9-L12.	1.6	51
134	Dissipationless Merging and the Assembly of Central Galaxies. Astrophysical Journal, 2005, 627, L85-L88.	1.6	51
135	Star formation rates in luminous quasars at 2 <<i>z</i>< 3. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4179-4194.	1.6	51
136	Cluster Merger Variance and the Luminosity Gap Statistic. Astrophysical Journal, 2006, 637, L9-L12.	1.6	50
137	Sunyaev--Zeldovich fluctuations from the first stars?. Monthly Notices of the Royal Astronomical Society, 2003, 342, L20-L24.	1.6	49
138	Herschel â˜… -ATLAS: modelling the first strong gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2013-2025.	1.6	49
139	First sources in infrared light: stars, supernovae and miniquasars. Monthly Notices of the Royal Astronomical Society, 2004, 351, L71-L77.	1.6	48
140	MID-INFRARED VARIABILITY FROM THESPITZERDEEP WIDE-FIELD SURVEY. Astrophysical Journal, 2010, 716, 530-543.	1.6	46
141	Deciphering inflation with gravitational waves: Cosmic microwave background polarization vs direct detection with laser interferometers. Physical Review D, 2006, 73, .	1.6	45
142	Gravitational Lensing. , 2009, , .		45
143	A DETAILED GRAVITATIONAL LENS MODEL BASED ON SUBMILLIMETER ARRAY AND KECK ADAPTIVE OPTICS IMAGING OF AHERSCHEL-ATLAS SUBMILLIMETER GALAXY ATz= 4.243[,][,]. Astrophysical Journal, 2012, 756, 134.	1.6	45
144	The dust and gas properties of M83. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2917-2929.	1.6	45

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145	H-ATLAS: estimating redshifts of Herschel sources from sub-mm fluxes. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2753-2763.	1.6	45
146	REGIONAL VARIATIONS IN THE DENSE GAS HEATING AND COOLING IN M51 FROMHERSCHELFAR-INFRARED SPECTROSCOPY. Astrophysical Journal, 2013, 776, 65.	1.6	45
147	Cosmic 21Âcm Delensing of Microwave Background Polarization and the Minimum Detectable Energy Scale of Inflation. Physical Review Letters, 2005, 95, 211303.	2.9	44
148	Isothermal dust models of Herschel-ATLASâ˜... galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2435-2453.	1.6	44
149	Ultraviolet luminosity density of the universe during the epoch of reionization. Nature Communications, 2015, 6, 7945.	5.8	44
150	A brighter past: galaxy luminosity function at high redshifts. Monthly Notices of the Royal Astronomical Society, 2005, 364, 303-318.	1.6	43
151	Trispectrum of 21-cm background anisotropies as a probe of primordial non-Gaussianity. Physical Review D, 2008, 77, .	1.6	43
152	Cold dust and young starbursts: spectral energy distributions of Herschel SPIRE sources from the HerMES surveyâ˜.... Monthly Notices of the Royal Astronomical Society, 2010, 409, 2-11.	1.6	43
153	Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at zâ‰¼1. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2239-2252.	1.6	43
154	LensFlow: A Convolutional Neural Network in Search of Strong Gravitational Lenses. Astrophysical Journal, 2018, 856, 68.	1.6	43
155	H-ATLAS: THE COSMIC ABUNDANCE OF DUST FROM THE FAR-INFRARED BACKGROUND POWER SPECTRUM. Astrophysical Journal, 2013, 768, 58.	1.6	42
156	Near-infrared MOSFIRE Spectra of Dusty Star-forming Galaxies at 0.2Â<ÂzÂ<Â4. Astrophysical Journal, 2017, 840, 101.	1.6	42
157	HERSCHEL/SPIRE SUBMILLIMETER SPECTRA OF LOCAL ACTIVE GALAXIES[,]. Astrophysical Journal, 2013, 768, 55.	1.6	41
158	GAMA/H-ATLAS: THE DUST OPACITYâ€“STELLAR MASS SURFACE DENSITY RELATION FOR SPIRAL GALAXIES. Astrophysical Journal, 2013, 766, 59.	1.6	41
159	The Origins Space Telescope. Nature Astronomy, 2018, 2, 596-599.	4.2	41
160	Kinetic Sunyaevâ€Zeldovich Effect from Halo Rotation. Astrophysical Journal, 2002, 573, 43-50.	1.6	40
161	OBSERVATIONS OF THE NEAR-INFRARED SPECTRUM OF THE ZODIACAL LIGHT WITH CIBER. Astrophysical Journal, 2010, 719, 394-402.	1.6	40
162	REDSHIFT DETERMINATION AND CO LINE EXCITATION MODELING FOR THE MULTIPLY LENSED GALAXY HLSW-01. Astrophysical Journal, 2011, 733, 29.	1.6	40

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