Hendrik Hildebrandt

List of Publications by Year
in descending order

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184 papers	14,680 citations	17440 63 h-index	20358 116 g-index
185 all docs	185 docs citations	185 times ranked	5562 citing authors

#	Article	IF	Citations
1	KiDS-450: cosmological parameter constraints from tomographic weak gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1454-1498.	4.4	756
2	CFHTLenS: the Canadaâ€“Franceâ€“Hawaii Telescope Lensing Survey. Monthly Notices of the Royal Astronomical Society, 2012, 427, 146-166.	4.4	596
3	CFHTLenS tomographic weak lensing cosmological parameter constraints: Mitigating the impact of intrinsic galaxy alignments. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2433-2453.	4.4	506
4	KiDS-1000 Cosmology: Multi-probe weak gravitational lensing and spectroscopic galaxy clustering constraints. Astronomy and Astrophysics, 2021, 646, A140.	5.1	393
5	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
6	Bayesian galaxy shape measurement for weak lensing surveys â€“ III. Application to the Canadaâ€“Franceâ€“Hawaii Telescope Lensing Survey. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2858-2880.	4.4	347
7	KiDS-1000 cosmology: Cosmic shear constraints and comparison between two point statistics. Astronomy and Astrophysics, 2021, 645, A104.	5.1	339
8	CFHTLenS: the Canadaâ€“Franceâ€“Hawaii Telescope Lensing Survey â€“ imaging data and catalogue products. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2545-2563.	4.4	332
9	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). I. INTRODUCTION TO THE SURVEY*. Astrophysical Journal, Supplement Series, 2012, 200, 4.	7.7	306
10	CFHTLenS: combined probe cosmological model comparison using 2D weak gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2200-2220.	4.4	303
11	Evidence of the accelerated expansion of the Universe from weak lensing tomography with COSMOS. Astronomy and Astrophysics, 2010, 516, A63.	5.1	292
12	Gravitational lensing analysis of the Kilo-Degree Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3500-3532.	4.4	292
13	CFHTLenS: improving the quality of photometric redshifts with precision photometryâ˜…. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2355-2367.	4.4	248
14	KiDS+VIKING-450: Cosmic shear tomography with optical and infrared data. Astronomy and Astrophysics, 2020, 633, A69.	5.1	246
15	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. Astroparticle Physics, 2021, 131, 102605.	4.3	228
16	The first and second data releases of the Kilo-Degree Survey. Astronomy and Astrophysics, 2015, 582, A62.	5.1	218
17	KiDS-450 + 2dFLenS: Cosmological parameter constraints from weak gravitational lensing tomography and overlapping redshift-space galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4894-4924.	4.4	212
18	GaBoDS: The Garching-Bonn Deep Survey. Astronomische Nachrichten, 2005, 326, 432-464.	1.2	203

#	Article	IF	Citations
19	PHAT: PHoto-zAccuracy Testing. Astronomy and Astrophysics, 2010, 523, A31.	5.1	194
20	The fourth data release of the Kilo-Degree Survey: ugri imaging and nine-band optical-IR photometry over 1000 square degrees. Astronomy and Astrophysics, 2019, 625, A2.	5.1	186
21	CFHTLenS revisited: assessing concordance with Planck including astrophysical systematics. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2033-2052.	4.4	185
22	Cosmology intertwined III: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:mrow><mml:mi>f</mml:mi><mml:msub><mml:mi>Ïƒ</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mr and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi>S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Astroparticle Physics, 2021, 131, 102604.	4.3	182
23	Galaxy And Mass Assembly: the G02 field, Herschelâ€“ATLAS target selection and data release 3. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3875-3888.	4.4	176
24	KiDS-450: the tomographic weak lensing power spectrum and constraints on cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4412-4435.	4.4	165
25	KiDS+GAMA: cosmology constraints from a joint analysis of cosmic shear, galaxyâ€“galaxy lensing, and angular clustering. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4662-4689.	4.4	163
26	CFHTLenS: the relation between galaxy dark matter haloes and baryons from weak gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2111-2136.	4.4	157
27	The third data release of the Kilo-Degree Survey and associated data products. Astronomy and Astrophysics, 2017, 604, A134.	5.1	155
28	Lensing is low: cosmology, galaxy formation or new physics?. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3024-3047.	4.4	150
29	CFHTLenS: testing the laws of gravity with tomographic weak lensing and redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2249-2263.	4.4	149
30	KiDS-450: testing extensions to the standard cosmological model. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1259-1279.	4.4	144
31	CARS: the CFHTLS-Archive-Research Survey. Astronomy and Astrophysics, 2009, 493, 1197-1222.	5.1	142
32	CFHTLenS: cosmological constraints from a combination of cosmic shear two-point and three-point correlations. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2725-2743.	4.4	139
33	CARS: the CFHTLS-Archive-Research Survey. Astronomy and Astrophysics, 2009, 498, 725-736.	5.1	137
34	CFHTLenS: co-evolution of galaxies and their dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2015, 447, 298-314.	4.4	130
35	KiDS+VIKING-450 and DES-Y1 combined: Cosmology with cosmic shear. Astronomy and Astrophysics, 2020, 638, L1.	5.1	127
36	A PUBLIC, K -SELECTED, OPTICAL-TO-NEAR-INFRARED CATALOG OF THE EXTENDED CHANDRA DEEP FIELD SOUTH (ECDFS) FROM THE MULTIWAVELENGTH SURVEY BY YALE-CHILE (MUSYC). Astrophysical Journal, Supplement Series, 2009, 183, 295-319.	7.7	125

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37	MAPPING THE GALAXY COLORâ€“REDSHIFT RELATION: OPTIMAL PHOTOMETRIC REDSHIFT CALIBRATION STRATEGIES FOR COSMOLOGY SURVEYS. Astrophysical Journal, 2015, 813, 53.	4.5	124
38	The UV galaxy luminosity function atzâ€‰=â€‰3â€“5 from the CFHT Legacy Survey Deep fields. Astronomy and Astrophysics, 2010, 523, A74.	5.1	123
39	TRACING THE STAR-FORMATION-DENSITY RELATION TOzâˆ¼ 2. Astrophysical Journal, 2012, 744, 88.	4.5	120
40	The galaxyâ€“halo connection from a joint lensing, clustering and abundance analysis in the CFHTLenS/VIPERS field. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1352-1379.	4.4	120
41	Dark matter halo properties of GAMA galaxy groups from 100 square degrees of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3529-3550.	4.4	119
42	CFHTLenS: mapping the large-scale structure with gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3373-3388.	4.4	111
43	CFHTLenS tomographic weak lensing: quantifying accurate redshift distributions. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1547-1564.	4.4	111
44	3D cosmic shear: cosmology from CFHTLenS. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1326-1349.	4.4	105
45	The environmental dependence of the stellar mass function atz∼ 1. Astronomy and Astrophysics, 2013, 557, A15.	5.1	100
46	Cosmology from large-scale structure. Astronomy and Astrophysics, 2020, 633, L10.	5.1	98
47	The abundance of ultra-diffuse galaxies from groups to clusters. Astronomy and Astrophysics, 2017, 607, A79.	5.1	93
48	KiDS+VIKING-450 and DES-Y1 combined: Mitigating baryon feedback uncertainty with COSEBIs. Astronomy and Astrophysics, 2020, 634, A127.	5.1	89
49	Dark Matter and Baryons in the XâEŘay Luminous Merging Galaxy Cluster RX J1347.5â^'1145. Astrophysical Journal, 2008, 681, 187-196.	4.5	87
50	Precision calculations of the cosmic shear power spectrum projection. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2126-2141.	4.4	87
51	KiDS-450: cosmological constraints from weak-lensing peak statistics â€“ II: Inference from shear peaks using N-body simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 712-730.	4.4	86
52	KiDS-1000 catalogue: Weak gravitational lensing shear measurements. Astronomy and Astrophysics, 2021, 645, A105.	5.1	85
53	KiDS-1000 methodology: Modelling and inference for joint weak gravitational lensing and spectroscopic galaxy clustering analysis. Astronomy and Astrophysics, 2021, 646, A129.	5.1	82
54	The stellar-to-halo mass relation of GAMA galaxies from 100Âdeg²of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3251-3270.	4.4	81

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55	KiDS-1000 Cosmology: Constraints beyond flat Î›CDM. Astronomy and Astrophysics, 2021, 649, A88.	5.1	80
56	KiDS-450: cosmological constraints from weak lensing peak statistics â€“ I. Inference from analytical prediction of high signal-to-noise ratio convergence peaks. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1116-1134.	4.4	79
57	Galaxy And Mass Assembly (GAMA): Data Release 4 and the z < 0.1 total and z < 0.08 morphological galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 439-467.	4.4	75
58	GaBoDS: The Garching-Bonn Deep Survey. Astronomy and Astrophysics, 2006, 452, 1121-1128.	5.1	72
59	Towards emulating cosmic shear data: revisiting the calibration of the shear measurements for the Kilo-Degree Survey. Astronomy and Astrophysics, 2019, 624, A92.	5.1	72
60	RCSLenS: The Red Cluster Sequence Lensing Survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 635-654.	4.4	70
61	Cosmic shear analysis of archival HST/ACS data. Astronomy and Astrophysics, 2007, 468, 823-847.	5.1	69
62	GaBoDS: The Garching-Bonn deep survey. Astronomy and Astrophysics, 2007, 468, 859-876.	5.1	68
63	KiDS+VIKING-450: A new combined optical and near-infrared dataset for cosmology and astrophysics. Astronomy and Astrophysics, 2019, 632, A34.	5.1	68
64	CARS: The CFHTLS-Archive-Research Survey. Astronomy and Astrophysics, 2009, 507, 683-691.	5.1	68
65	Spectroscopic needs for imaging dark energy experiments. Astroparticle Physics, 2015, 63, 81-100.	4.3	66
66	KiDS-1000 catalogue: Redshift distributions and their calibration. Astronomy and Astrophysics, 2021, 647, A124.	5.1	66
67	First measurement of the cross-correlation of CMB lensing and galaxy lensing. Physical Review D, 2015, 91, .	4.7	60
68	RCSLenS: testing gravitational physics through the cross-correlation of weak lensing and large-scale structure. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2806-2828.	4.4	58
69	Calibration update of the COMBO-17 CDFS catalogue. Astronomy and Astrophysics, 2008, 492, 933-936.	5.1	57
70	Photometric redshift calibration with self-organising maps. Astronomy and Astrophysics, 2020, 637, A100.	5.1	57
71	Strong and weak lensing united. Astronomy and Astrophysics, 2005, 437, 49-60.	5.1	54
72	The mass distribution of RX J1347â€“1145 from strong lensing. Astronomy and Astrophysics, 2008, 481, 65-77.	5.1	54

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73	A blind test of photometric redshifts on ground-based data. Astronomy and Astrophysics, 2008, 480, 703-714.	5.1	54
74	Photometric redshifts for the Kilo-Degree Survey. Astronomy and Astrophysics, 2018, 616, A69.	5.1	54
75	On the complementarity of galaxy clustering with cosmic shear and flux magnification. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2471-2487.	4.4	53
76	The 2-degree Field Lensing Survey: design and clustering measurements. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4240-4265.	4.4	53
77	Cross-correlating Planck tSZ with RCSLenS weak lensing: implications for cosmology and AGN feedback. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1565-1580.	4.4	53
78	3D-Matched-Filter galaxy cluster finder - I. Selection functions and CFHTLS Deep clusters. Monthly Notices of the Royal Astronomical Society, 2010, 406, 673-688.	4.4	52
79	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.	4.4	52
80	CFHTLenS: weak lensing calibrated scaling relations for low-mass clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1460-1481.	4.4	52
81	First test of Verlinde's theory of emergent gravity using weak gravitational lensing measurements. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2547-2559.	4.4	50
82	KiDS+VIKING-450: Improved cosmological parameter constraints from redshift calibration with self-organising maps. Astronomy and Astrophysics, 2020, 640, L14.	5.1	49
83	The masses of satellites in GAMA galaxy groups from 100 square degrees of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3938-3951.	4.4	46
84	the-wizz: clustering redshift estimation for everyone. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3576-3589.	4.4	46
85	Cosmological simulations for combined-probe analyses: covariance and neighbour-exclusion bias. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1337-1367.	4.4	46
86	The PAU Survey: early demonstration of photometric redshift performance in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4200-4215.	4.4	46
87	CFHTLenS and RCSLenS: testing photometric redshift distributions using angular cross-correlations with spectroscopic galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3737-3754.	4.4	45
88	Studying galaxy troughs and ridges using weak gravitational lensing with the Kilo-Degree Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5189-5209.	4.4	45
89	AMICO galaxy clusters in KiDS-DR3: weak lensing mass calibration. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1598-1615.	4.4	45
90	Cosmic shear cosmology beyond two-point statistics: a combined peak count and correlation function analysis of DES-Y1. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1623-1650.	4.4	45

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91	Scientific Synergy between LSST and Euclid. Astrophysical Journal, Supplement Series, 2017, 233, 21.	7.7	44
92	AN EXTREME STARBURST IN THE CORE OF A RICH GALAXY CLUSTER ATz= 1.7. Astrophysical Journal, 2015, 809, 173.	4.5	43
93	SPITZERULTRA FAINT SURVEY PROGRAM (SURFS UP). I. AN OVERVIEW. Astrophysical Journal, 2014, 785, 108.	4.5	42
94	Cluster magnification and the massâ€“richness relation in CFHTLenS. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3755-3764.	4.4	42
95	KiDS+2dFLenS+GAMA: testing the cosmological model with the EG statistic. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3422-3437.	4.4	42
96	LENSING MAGNIFICATION: A NOVEL METHOD TO WEIGH HIGH-REDSHIFT CLUSTERS AND ITS APPLICATION TO SpARCS. Astrophysical Journal Letters, 2011, 733, L30.	8.3	41
97	CFHTLenS: the environmental dependence of galaxy halo masses from weak lensing. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1439-1452.	4.4	39
98	Unveiling galaxy bias via the halo model, KiDS, and GAMA. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1240-1259.	4.4	38
99	The weak lensing radial acceleration relation: Constraining modified gravity and cold dark matter theories with KiDS-1000. Astronomy and Astrophysics, 2021, 650, A113.	5.1	38
100	Halo ellipticity of GAMA galaxy groups from KiDS weak lensing. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4131-4149.	4.4	36
101	A KiDS weak lensing analysis of assembly bias in GAMA galaxy groups. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3251-3265.	4.4	36
102	Testing KiDS cross-correlation redshifts with simulations. Astronomy and Astrophysics, 2020, 642, A200.	5.1	36
103	2dFLenS and KiDS: determining source redshift distributions with cross-correlations. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4118-4132.	4.4	35
104	The PAU Survey: an improved photo-z sample in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6103-6122.	4.4	35
105	MAGNIFICATION BY GALAXY GROUP DARK MATTER HALOS. Astrophysical Journal, 2012, 754, 143.	4.5	35
106	CFHTLenS and RCSLenS cross-correlation with Planck lensing detected in fourier and configuration space. Monthly Notices of the Royal Astronomical Society, 2016, 460, 434-457.	4.4	33
107	GaBoDS: the Garching-Bonn deep survey. Astronomy and Astrophysics, 2007, 462, 865-873.	5.1	32
108	MAGNIFICATION AS A PROBE OF DARK MATTER HALOS AT HIGH REDSHIFTS. Astrophysical Journal Letters, 2010, 723, L13-L16.	8.3	32

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109	Joint constraints on cosmology and the impact of baryon feedback: Combining KiDS-1000 lensing with the thermal Sunyaevâ€“Zeldovich effect from Planck and ACT. Astronomy and Astrophysics, 2022, 660, A27.	5.1	32
110	A bias in cosmic shear from galaxy selection: results from ray-tracing simulations. Astronomy and Astrophysics, 2011, 528, A51.	5.1	31
111	Consistent cosmic shear in the face of systematics: a B-mode analysis of KiDS-450, DES-SV and CFHTLenS. Astronomy and Astrophysics, 2019, 624, A134.	5.1	30
112	THE NEXT GENERATION VIRGO CLUSTER SURVEY. XV. THE PHOTOMETRIC REDSHIFT ESTIMATION FOR BACKGROUND SOURCES. Astrophysical Journal, 2014, 797, 102.	4.5	29
113	Dependence of GAMA galaxy halo masses on the cosmic web environment from 100 deg²of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4451-4463.	4.4	29
114	Relative clustering and the joint halo occupation distribution of red sequence and blue-cloud galaxies in COMBO-17. Monthly Notices of the Royal Astronomical Society, 2009, 398, 807-831.	4.4	27
115	CFHTLenS: a weak lensing shear analysis of the 3D-Matched-Filter galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1304-1318.	4.4	27
116	KiDS-450: tomographic cross-correlation of galaxy shear with Planck lensing. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1619-1633.	4.4	27
117	Testing gravity using galaxy-galaxy lensing and clustering amplitudes in KiDS-1000, BOSS, and 2dFLenS. Astronomy and Astrophysics, 2020, 642, A158.	5.1	27
118	Mass, light and colour of the cosmic web in the supercluster SCL2243-0935 (zâ€‰=â€‰0.447). Astronomy and Astrophysics, 2011, 532, A57.	5.1	26
119	Strong detection of the CMB lensing and galaxy weak lensing cross-correlation from ACT-DR4,PlanckLegacy, and KiDS-1000. Astronomy and Astrophysics, 2021, 649, A146.	5.1	26
120	The400dGalaxy Cluster Survey weak lensing programme. Astronomy and Astrophysics, 2010, 520, A58.	5.1	24
121	KiDS-i-800: comparing weak gravitational lensing measurements from same-sky surveys. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4285-4307.	4.4	24
122	CFHTLenS: higher order galaxyâ€“mass correlations probed by galaxyâ€“galaxyâ€“galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2476-2498.	4.4	23
123	Mitigating systematic errors in angular correlation function measurements from wide field surveys. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3121-3133.	4.4	22
124	CFHTLenS: weak lensing constraints on the ellipticity of galaxy-scale matter haloes and the galaxy-halo misalignment. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1432-1452.	4.4	22
125	Bright galaxy sample in the Kilo-Degree Survey Data Release 4. Astronomy and Astrophysics, 2021, 653, A82.	5.1	22
126	The RedGOLD cluster detection algorithm and its cluster candidate catalogue for the CFHT-LS W1. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3020-3041.	4.4	21

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127	The abundance of compact quiescent galaxies since zÂâˆ¼Â0.6. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4523-4536.	4.4	21
128	KiDS-450: enhancing cosmic shear with clipping transformations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5529-5549.	4.4	21
129	J0454-0309: evidence of a strong lensing fossil group falling into a poor galaxy cluster. Astronomy and Astrophysics, 2010, 514, A60.	5.1	20
130	The Cosmic Web and galaxy evolution around the most luminous X-ray cluster: RXâ€ƒJ1347.5âˆ’1145. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1949-1968.	4.4	20
131	MEASURING THE STELLAR MASSES OF z âˆ¼ 7 GALAXIES WITH THE SPITZER ULTRAFAINT SURVEY PROGRAM (SURFS UP). Astrophysical Journal Letters, 2014, 786, L4.	8.3	20
132	Observational biases in flux magnification measurements. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3943-3951.	4.4	20
133	The PAU Survey: Photometric redshifts using transfer learning from simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4565-4579.	4.4	20
134	GaBoDS: the Garching-Bonn Deep Survey. Astronomy and Astrophysics, 2005, 441, 905-914.	5.1	20
135	High-quality Strong Lens Candidates in the Final Kilo-Degree Survey Footprint. Astrophysical Journal, 2021, 923, 16.	4.5	20
136	Cross-correlation of weak lensing and gamma rays: implications for the nature of dark matter. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2706-2722.	4.4	19
137	Precise weak lensing constraints from deep high-resolution K_s images: VLT/HAWK-I analysis of the super-massive galaxy cluster RCS2 J 232727.7âˆ’020437 at z = 0.70. Astronomy and Astrophysics, 2018, 610, A85.	5.1	19
138	The dependence of intrinsic alignment of galaxies on wavelength using KiDS and GAMA. Astronomy and Astrophysics, 2019, 622, A90.	5.1	18
139	Magnification bias in galaxy surveys with complex sample selection functions. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1452-1465.	4.4	18
140	Photometric selection and redshifts for quasars in the Kilo-Degree Survey Data Release 4. Astronomy and Astrophysics, 2021, 649, A81.	5.1	18
141	Probing galaxy bias and intergalactic gas pressure with KiDS Galaxies-tSZ-CMB lensing cross-correlations. Astronomy and Astrophysics, 2021, 651, A76.	5.1	18
142	Euclid preparation. Astronomy and Astrophysics, 2022, 662, A93.	5.1	18
143	Optical and Sunyaevâ€“Zel'dovich observations of a new sample of distant rich galaxy clusters in the ROSAT All Sky. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4248-4276.	4.4	17
144	GAMAÂ+ÂKiDS: empirical correlations between halo mass and other galaxy properties near the knee of the stellar-to-halo mass relation. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2896-2911.	4.4	17

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145	CFHTLenS: a Gaussian likelihood is a sufficient approximation for a cosmological analysis of third-order cosmic shear statistics. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1505-1525.	4.4	16
146	Weak-lensing shear measurement with machine learning. Astronomy and Astrophysics, 2019, 621, A36.	5.1	15
147	Euclid preparation. Astronomy and Astrophysics, 2020, 642, A192.	5.1	15
148	KiDS-1000: Constraints on the intrinsic alignment of luminous red galaxies. Astronomy and Astrophysics, 2021, 654, A76.	5.1	14
149	The effects of varying depth in cosmic shear surveys. Astronomy and Astrophysics, 2020, 634, A104.	5.1	12
150	The PAU Survey: narrow-band photometric redshifts using Gaussian processes. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4118-4135.	4.4	12
151	The PAU survey: estimating galaxy photometry with deep learning. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4048-4069.	4.4	12
152	Lensing without borders â€“ I. A blind comparison of the amplitude of galaxyâ€“galaxy lensing between independent imaging surveys. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6150-6189.	4.4	12
153	The 2-degree Field Lensing Survey: photometric redshifts from a large new training sample torÂ<Â19.5. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1582-1596.	4.4	11
154	Multiwavelength scaling relations in galaxy groups: a detailed comparison of GAMA and KiDS observations to BAHAMAS simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3338-3355.	4.4	11
155	A gravitational lensing detection of filamentary structures connecting luminous red galaxies. Astronomy and Astrophysics, 2020, 633, A89.	5.1	11
156	The PAU Survey: Intrinsic alignments and clustering of narrow-band photometric galaxies. Astronomy and Astrophysics, 2021, 646, A147.	5.1	11
157	An adapted filter function for density split statistics in weak lensing. Astronomy and Astrophysics, 2020, 642, A161.	5.1	11
158	RCSLenS: a new estimator for large-scale galaxyâ€“matter correlations. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3886-3898.	4.4	10
159	KiDS+GAMA: The weak lensing calibrated stellar-to-halo mass relation of central and satellite galaxies. Astronomy and Astrophysics, 2020, 642, A83.	5.1	10
160	The PAU survey: measurement of narrow-band galaxy properties with approximate bayesian computation. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 013.	5.4	10
161	Weak lensing magnification of SpARCS galaxy clusters. Astronomy and Astrophysics, 2017, 608, A141.	5.1	9
162	Tightening weak lensing constraints on the ellipticity of galaxy-scale dark matter haloes. Astronomy and Astrophysics, 2021, 646, A73.	5.1	9

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163	Organised randoms: Learning and correcting for systematic galaxy clustering patterns in KiDS using self-organising maps. Astronomy and Astrophysics, 2021, 648, A98.	5.1	9
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