

David Wilman

List of Publications by Year in descending order

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87888

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#	ARTICLE	IF	CITATIONS
1	THE KMOS ^{3D} SURVEY: DESIGN, FIRST RESULTS, AND THE EVOLUTION OF GALAXY KINEMATICS FROM $0.7 < z < 2.7$. <i>Astrophysical Journal</i> , 2015, 799, 209.	4.5	406
2	EVIDENCE FOR WIDE-SPREAD ACTIVE GALACTIC NUCLEUS-DRIVEN OUTFLOWS IN THE MOST MASSIVE $z < 1$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 7.	4.5	184
3	Measures of galaxy environment - I. What is $\tilde{\text{environment}}^{\text{TM}}$?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2670-2682.	4.4	178
4	Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago. <i>Nature</i> , 2017, 543, 397-401.	27.8	177
5	The Dawn of the Red: star formation histories of group galaxies over the past 5 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 996-1012.	4.4	131
6	MORPHOLOGICAL COMPOSITION OF $z < 0.4$ GROUPS: THE SITE OF S0 FORMATION. <i>Astrophysical Journal</i> , 2009, 692, 298-308.	4.5	128
7	The KMOS ^{3D} Survey: Demographics and Properties of Galactic Outflows at $z = 0.6 - 2.7^*$. <i>Astrophysical Journal</i> , 2019, 875, 21.	4.5	118
8	MUSE sneaks a peek at extreme ram-pressure stripping events $\hat{\text{II}}$. The physical properties of the gas tail of ESO137 $\hat{\text{a}}^{\text{001}}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2028-2041.	4.4	112
9	THE EVOLUTION OF METALLICITY AND METALLICITY GRADIENTS FROM $z = 2.7$ TO 0.6 WITH KMOS ^{3D} . <i>Astrophysical Journal</i> , 2016, 827, 74.	4.5	109
10	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \hat{=} 1 - 3^*$. <i>Astrophysical Journal</i> , 2016, 826, 214.	4.5	107
11	Evidence for a change in the dominant satellite galaxy quenching mechanism at $z < 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4364-4376.	4.4	98
12	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT $0.8 < z < 2.6$. <i>Astrophysical Journal Letters</i> , 2014, 789, L40.	8.3	96
13	Galaxy Environment in the 3D-HST Fields: Witnessing the Onset of Satellite Quenching at $z \hat{=} 1 - 2$. <i>Astrophysical Journal</i> , 2017, 835, 153.	4.5	88
14	STATISTICAL TOOLS FOR CLASSIFYING GALAXY GROUP DYNAMICS. <i>Astrophysical Journal</i> , 2009, 702, 1199-1210.	4.5	87
15	Direct observational evidence for a large transient galaxy population in groups at $0.85 < z < 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2303-2317.	4.4	85
16	The influence of the environmental history on quenching star formation in a $\hat{\text{b}}$ cold dark matter universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2938-2959.	4.4	84
17	The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \hat{=} 2.6$ to $z \hat{=} 0.6$ with KMOS ^{3D} $\hat{\text{a}}^{\text{—}}$. <i>Astrophysical Journal</i> , 2019, 880, 48.	4.5	84
18	KMOS3D: DYNAMICAL CONSTRAINTS ON THE MASS BUDGET IN EARLY STAR-FORMING DISKS*. <i>Astrophysical Journal</i> , 2016, 831, 149.	4.5	83

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19	Galaxy groups at $0.3 < z < 0.55$ - I. Group properties. Monthly Notices of the Royal Astronomical Society, 2005, 358, 71-87.	4.4	81
20	The KMOS ^{3D} Survey: Data Release and Final Survey Paper*. Astrophysical Journal, 2019, 886, 124.	4.5	79
21	The Evolution of the Tullyâ€Fisher Relation between $z \sim 2.3$ and $z \sim 0.9$ with KMOS ^{3D} ^{â€“}. Astrophysical Journal, 2017, 842, 121.	4.5	73
22	Times, environments and channels of bulge formation in a Lambda cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1439-1454.	4.4	71
23	The colour of galaxies in distant groups. Monthly Notices of the Royal Astronomical Society, 2009, 398, 754-768.	4.4	64
24	Falling Outer Rotation Curves of Star-forming Galaxies at $0.6 < z < 2.6$ Probed with KMOS ^{3D} and SINS/zC-SINF. Astrophysical Journal, 2017, 840, 92.	4.5	64
25	Galaxy groups at $0.3 < z < 0.55$ - II. Evolution to $z \sim 0$. Monthly Notices of the Royal Astronomical Society, 2005, 358, 88-100.	4.4	60
26	THE ROADMAP FOR UNIFICATION IN GALAXY GROUP SELECTION. I. A SEARCH FOR EXTENDED X-RAY EMISSION IN THE CNOC2 SURVEY. Astrophysical Journal, 2009, 704, 564-575.	4.5	59
27	The Strongly Polarized Afterglow of GRB 020405. Astrophysical Journal, 2003, 583, L63-L66.	4.5	56
28	Non-linearity and environmental dependence of the star-forming galaxies main sequence. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2839-2851.	4.4	56
29	Efficient satellite quenching at $z \sim 1$ from the GEEC2 spectroscopic survey of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1090-1106.	4.4	51
30	Substructure in the most massive GEEC groups: field-like populations in dynamically active groups. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3594-3611.	4.4	50
31	THE RELATION BETWEEN GALAXY MORPHOLOGY AND ENVIRONMENT IN THE LOCAL UNIVERSE: AN RC3-SDSS PICTURE. Astrophysical Journal, 2012, 746, 160.	4.5	49
32	The hierarchical origins of observed galaxy morphology. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2986-3004.	4.4	47
33	KMOS ^{3D} Reveals Low-level Star Formation Activity in Massive Quiescent Galaxies at $0.7 < z < 2.7$ ^{â€“}. Astrophysical Journal Letters, 2017, 841, L6.	8.3	44
34	Sizes, colour gradients and resolved stellar mass distributions for the massive cluster galaxies in XMMUJ2235-2557 at $z = 1.39$. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3181-3209.	4.4	41
35	The GEEC2 spectroscopic survey of Galaxy groups at $0.8 < z < 1$. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2679-2694.	4.4	40
36	Unveiling the Important Role of Groups in the Evolution of Massive Galaxies: Insights from an Infrared Passive Sequence at Intermediate Redshift. Astrophysical Journal, 2008, 680, 1009-1021.	4.5	39

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37	An X-Ray Detected Group of Quiescent Early-Type Galaxies at $z = 1.6$ in the Chandra Deep Field South. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	39
38	Ultra-deep catalog of X-ray groups in the Extended Chandra Deep Field South. Astronomy and Astrophysics, 2015, 576, A130.	5.1	39
39	Reversal or no reversal: the evolution of the star formation rate–density relation up to $z \sim 1.6$. Monthly Notices of the Royal Astronomical Society, 2014, 437, 458-474.	4.4	36
40	FIRST RESULTS FROM THE VIRIAL SURVEY: THE STELLAR CONTENT OF UVJ -SELECTED QUIESCENT GALAXIES AT $1.5 < z < 2$ FROM KMOS. Astrophysical Journal Letters, 2015, 804, L4.	8.3	35
41	The stellar mass content of distant galaxy groups. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1169-1180.	4.4	34
42	EXPLORING THE DIVERSITY OF GROUPS AT $0.1 < z < 0.8$ WITH X-RAY AND OPTICALLY SELECTED SAMPLES. Astrophysical Journal, 2012, 756, 139.	4.5	34
43	The KMOS ^{3D} Survey: Rotating Compact Star-forming Galaxies and the Decomposition of Integrated Line Widths*. Astrophysical Journal, 2018, 855, 97.	4.5	32
44	THE PHOTOMETRIC CLASSIFICATION SERVER FOR Pan-STARRS1. Astrophysical Journal, 2012, 746, 128.	4.5	31
45	The lack of star formation gradients in galaxy groups up to $z \sim 1.6$. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3089-3103.	4.4	31
46	Star formation and environmental quenching of GEEC2 group galaxies at $z \sim 1$. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3070-3085.	4.4	31
47	The KMOS Cluster Survey (KCS). I. The Fundamental Plane and the Formation Ages of Cluster Galaxies at Redshift $1.4 < z < 1.6$ *. Astrophysical Journal, 2017, 846, 120.	4.5	31
48	Evolution in the discs and bulges of group galaxies since $z = 0.4$. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1605-1621.	4.4	24
49	Do group dynamics play a role in the evolution of member galaxies?. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1715-1726.	4.4	21
50	Stellar mass–halo mass relation for the brightest central galaxies of X-ray clusters since $z \sim 0.65$. Astronomy and Astrophysics, 2019, 631, A175.	5.1	21
51	The definition of environment and its relation to the quenching of galaxies at $z \sim 1$ in a hierarchical Universe. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2582-2598.	4.4	20
52	The KMOS ^{3D} Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 < z < 3$. Astrophysical Journal, 2021, 909, 78.	4.5	19
53	The Kinematics of Massive Quiescent Galaxies at $1.4 < z < 2.1$: Dark Matter Fractions, IMF Variation, and the Relation to Local Early-type Galaxies*. Astrophysical Journal, 2020, 899, 87.	4.5	19
54	What determines the fraction of elliptical galaxies in clusters?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1324-1330.	4.4	18

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55	The evolution of galaxy star formation activity in massive haloes. <i>Astronomy and Astrophysics</i> , 2015, 574, A105.	5.1	18
56	The evolution of [OIII] emission from cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 679-686.	4.4	17
57	Beyond the fibre: resolved properties of Sloan Digital Sky Survey galaxies... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 197-215.	4.4	17
58	The KMOS Cluster Survey (KCS). III. Fundamental Plane of Cluster Galaxies at $z \approx 1.80$ in JKCS 041*. <i>Astrophysical Journal</i> , 2017, 850, 203.	4.5	17
59	The KMOS Cluster Survey (KCS). II. The Effect of Environment on the Structural Properties of Massive Cluster Galaxies at Redshift 1.39 <math> < /math> < /math> < /math> < /math> 1.61^*. <i>Astrophysical Journal</i> , 2018, 856, 8.	4.5	17
60	On the dependence of galaxy morphologies on galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2968-2977.	4.4	16
61	The role of massive halos in the star formation history of the Universe. <i>Astronomy and Astrophysics</i> , 2015, 579, A132.	5.1	16
62	The evolution of star formation activity in galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2725-2745.	4.4	15
63	THE NATURE OF STAR FORMATION AT 24 \hat{m} IN THE GROUP ENVIRONMENT AT 0.3 $\hat{\sigma}^2 z \hat{\sigma}^2 0.55$. <i>Astrophysical Journal</i> , 2011, 738, 56.	4.5	6
64	More than just halo mass: modelling how the red galaxy fraction depends on multiscale density in an HOD framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2233-2252.	4.4	3
65	The other side of bulge formation in a $\hat{\nu}$ cold dark matter cosmology: bulgeless galaxies in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	2
66	Mapping Star Forming & AGN Galaxies. , 2010, , .		0
67	A Multiscale Approach to Environment. , 2010, , .		0
68	The KMOS Galaxy Clusters Project. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 110-115.	0.0	0
69	KMOS Clusters and VIRIAL GTO Surveys. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 293-294.	0.0	0