

Tom Shanks

List of Publications by Year in descending order

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116
papers

5,893
citations

81743

39
h-index

74018

75
g-index

118
all docs

118
docs citations

118
times ranked

3979
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2dF QSO Redshift Survey - XII. The spectroscopic catalogue and luminosity function. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1397-1418.	1.6	538
2	The 2dF QSO Redshift Survey - I. The optical luminosity function of quasi-stellar objects. Monthly Notices of the Royal Astronomical Society, 2000, 317, 1014-1022.	1.6	480
3	The 2dF QSO Redshift Survey - XIV. Structure and evolution from the two-point correlation function. Monthly Notices of the Royal Astronomical Society, 2005, 356, 415-438.	1.6	332
4	The evolution of optically selected QSOs - II. Monthly Notices of the Royal Astronomical Society, 1988, 235, 935-948.	1.6	248
5	The 2dF-SDSS LRG and QSO survey: the QSO luminosity function at $0.4 < z < 2.6$. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1755-1772.	1.6	209
6	The 2dF-SDSS LRG and QSO survey: QSO clustering and the L-z degeneracy. Monthly Notices of the Royal Astronomical Society, 0, 383, 565-580.	1.6	191
7	The 2dF-SDSS LRG and QSO (2SLAQ) Survey: the $z < 2.1$ quasar luminosity function from 5645 quasars to $z = 21.85$. Monthly Notices of the Royal Astronomical Society, 2005, 360, 839-852.	1.6	183
8	The 2dF-SDSS LRG and QSO Survey: the LRG 2-point correlation function and redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2007, 381, 573-588.	1.6	170
9	The VLT Survey Telescope ATLAS. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4238-4252.	1.6	159
10	Galaxy number counts - V. Ultradeep counts: the Herschel and Hubble Deep Fields. Monthly Notices of the Royal Astronomical Society, 2001, 323, 795-830.	1.6	155
11	The 2dF-SDSS LRG and QSO (2SLAQ) Luminous Red Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2006, 372, 425-442.	1.6	153
12	The 2dF SDSS LRG and QSO survey: evolution of the luminosity function of luminous red galaxies to $z = 0.6$. Monthly Notices of the Royal Astronomical Society, 2006, 372, 537-550.	1.6	141
13	Galaxy number counts - II. CCD observations to $B = 25$ mag. Monthly Notices of the Royal Astronomical Society, 1991, 249, 498-522.	1.6	138
14	The 2dF-SDSS LRG and QSO Survey: evolution of the clustering of luminous red galaxies since $z = 0.6$. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1045-1062.	1.6	112
15	Determination of the Hubble constant from observations of Cepheid variables in the galaxy M96. Nature, 1995, 377, 27-31.	13.7	109
16	The 2dF-SDSS LRG and QSO Survey: the spectroscopic QSO catalogue. Monthly Notices of the Royal Astronomical Society, 2009, 392, 19-44.	1.6	109
17	MegaZ-LRG: a photometric redshift catalogue of one million SDSS luminous red galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 375, 68-76.	1.6	88
18	The origin of the cosmic X-ray background. Nature, 1991, 353, 315-320.	13.7	87

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19	ATLAS lifts the Cup: discovery of a new Milky Way satellite in Crater. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2124-2133.	1.6	87
20	Galaxy formation at high redshifts. Nature, 1996, 383, 236-239.	13.7	83
21	The SAMI Galaxy Survey: the cluster redshift survey, target selection and cluster properties. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1824-1849.	1.6	79
22	Galaxy number counts and cosmology. Monthly Notices of the Royal Astronomical Society, 1984, 206, 767-800.	1.6	75
23	The local hole in the galaxy distribution: evidence from 2MASS. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1049-1056.	1.6	75
24	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5649-5671.	1.6	73
25	<i>Gaia</i> Cepheid parallaxes and "Local Hole" relieve H_0 tension. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 484, L64-L68.	1.2	71
26	Two bright $z \sim 6$ quasars from VST ATLAS and a new method of optical plus mid-infrared colour selection. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 451, L16-L20.	1.2	70
27	First Discoveries of $z \sim 6$ Quasars with the DECam Legacy Survey and UKIRT Hemisphere Survey. Astrophysical Journal, 2017, 839, 27.	1.6	69
28	The evolution of optically selected QSOs. Monthly Notices of the Royal Astronomical Society, 1987, 227, 717-738.	1.6	68
29	The local hole revealed by galaxy counts and redshifts. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2146-2162.	1.6	55
30	X-ray variability in a deep, flux-limited sample of QSOs. Monthly Notices of the Royal Astronomical Society, 2000, 315, 325-336.	1.6	54
31	QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function. Monthly Notices of the Royal Astronomical Society, 1996, 281, 893-906.	1.6	53
32	A deep ROSAT survey – V. The extragalactic populations at faint fluxes. Monthly Notices of the Royal Astronomical Society, 1996, 280, 276-284.	1.6	53
33	Evidence for an extended Sunyaev–Zel'dovich effect in WMAP data. Monthly Notices of the Royal Astronomical Society, 2004, 347, L67-L72.	1.6	50
34	Emission linewidths and QSO black hole mass estimates from the 2dF QSO Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2003, 343, 705-718.	1.6	49
35	QSO clustering - I. Optical surveys in the redshift range $0.3 < z < 2.2$. Monthly Notices of the Royal Astronomical Society, 1994, 271, 753-772.	1.6	48
36	Galaxy number counts - VI. An H-band survey of the Herschel Deep Field. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1257-1273.	1.6	47

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37	The local hole in the galaxy distribution: new optical evidence. Monthly Notices of the Royal Astronomical Society, 2004, 354, 991-1004.	1.6	44
38	Cross-correlating WMAP5 with 1.5 million LRGs: a new test for the ISW effect. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2228-2244.	1.6	43
39	Angular correlation function of 1.5 million luminous red galaxies: clustering evolution and a search for baryon acoustic oscillations. Monthly Notices of the Royal Astronomical Society, 2011, 416, 3033-3056.	1.6	42
40	Witnessing galaxy assembly in an extended ~ 3 structure. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3686-3698.	1.6	41
41	QSO-LRG two-point cross-correlation function and redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2009, 394, 2050-2064.	1.6	37
42	The evolution of host mass and black hole mass in quasi-stellar objects from the 2dF QSO Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2006, 373, 613-622.	1.6	36
43	First Lensed Quasar Systems from the VST-ATLAS Survey: One Quad, Two Doubles, and Two Pairs of Lensless Twins. <i>Astronomical Journal</i> , 2017, 153, 219.	1.9	34
44	The Cepheid distance to M96 and the Hubble constant. Monthly Notices of the Royal Astronomical Society, 1999, 310, 175-188.	1.6	33
45	The 2dF QSO Redshift Survey - VII. Constraining cosmology from redshift-space distortions via (f, β) . Monthly Notices of the Royal Astronomical Society, 2002, 332, 311-324.	1.6	33
46	Linking gas and galaxies at high redshift: MUSE surveys the environments of six damped Ly α systems at $z \approx 3$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5070-5096.	1.6	33
47	White dwarfs in the 2dF QSO Redshift Survey - I. Hydrogen-rich (DA) stars. Monthly Notices of the Royal Astronomical Society, 2002, 335, 673-686.	1.6	32
48	Distances to Cepheid open clusters via optical and K-band imaging. Monthly Notices of the Royal Astronomical Society, 2003, 345, 269-291.	1.6	32
49	New H-band galaxy number counts: a large local hole in the galaxy distribution. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1601-1609.	1.6	32
50	Two more, bright, $z \approx 6$ quasars from VST ATLAS and WISE. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1649-1659.	1.6	32
51	Evidence against a supervoid causing the CMB Cold Spot. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2328-2338.	1.6	31
52	Gemini Imaging of QSO Host Galaxies at $z \approx 2$. <i>Astrophysical Journal</i> , 2004, 606, 126-138.	1.6	30
53	The 2dF QSO Redshift Survey - III. The input catalogue. Monthly Notices of the Royal Astronomical Society, 2005, 359, 57-72.	1.6	29
54	The VLT LBG redshift survey - V. Characterizing the $z \approx 3.1$ Lyman α emitter population. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4061-4080.	1.6	29

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55	Quasar lenses and pairs in the VST-ATLAS and Gaia. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2086-2096.	1.6	28
56	UBVRI photometry of the Durham-AAT redshift survey. Monthly Notices of the Royal Astronomical Society, 1998, 294, 147-164.	1.6	27
57	2MASS constraints on the local large-scale structure: a challenge to Λ CDM?. Monthly Notices of the Royal Astronomical Society, 2005, 361, 701-709.	1.6	27
58	A test of Tully-Fisher distance estimates using Cepheids and SNIa. Monthly Notices of the Royal Astronomical Society, 1997, 290, L77-L83.	1.6	26
59	Anomalous SZ contribution to three-year WMAP data. Monthly Notices of the Royal Astronomical Society, 2007, 382, 1196-1202.	1.6	26
60	Luminous red galaxy clustering at $z < 0.7$ - first results using AAOmega. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1323-1334.	1.6	25
61	The 2QDES Pilot: the luminosity and redshift dependence of quasar clustering. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1179-1200.	1.6	24
62	A deep ROSAT survey - VII. A faint galaxy contribution to the X-ray background. Monthly Notices of the Royal Astronomical Society, 1995, 273, L15-L18.	1.6	23
63	The 2-Micron All-Sky Survey galaxy angular power spectrum: probing the galaxy distribution to gigaparsec scales. Monthly Notices of the Royal Astronomical Society, 2005, 364, 593-600.	1.6	18
64	Photometric selection of emission-line galaxies, clustering analysis and a search for the integrated Sachs-Wolfe effect. Monthly Notices of the Royal Astronomical Society, 2010, 403, 1261-1273.	1.6	18
65	The shell game: a panoramic view of Fornax. Monthly Notices of the Royal Astronomical Society, 2015, 453, 690-703.	1.6	18
66	The galaxy luminosity function and the Local Hole. Monthly Notices of the Royal Astronomical Society, 2016, 459, 496-507.	1.6	17
67	Discovery of DHM0054+284, a quasar of redshift 3.61. Nature, 1983, 303, 156-158.	13.7	15
68	QSO clustering - II. The correlation function of IRAS Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 1994, 271, 773-780.	1.6	15
69	Measuring BAO and non-Gaussianity via QSO clustering. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1916-1925.	1.6	13
70	Local Hole revisited: evidence for bulk motions and self-consistent outflow. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4715-4720.	1.6	13
71	Arguments for an Ω_b low H_0 , baryon dominated universe. New Astronomy Reviews, 1985, 28, 595-609.	0.3	12
72	The contribution of AGN to the submillimetre population. Monthly Notices of the Royal Astronomical Society, 2011, 410, 762-774.	1.6	12

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73	A catalogue of white dwarf candidates in VST ATLAS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 621-629.	1.6	12
74	The dispersion in the Cepheid period-luminosity relation and the consequences for the extragalactic distance scale. Monthly Notices of the Royal Astronomical Society, 2004, 347, 1011-1032.	1.6	11
75	Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2000, 315, 767-777.	1.6	9
76	Submillimetre observations of X-ray active galactic nuclei in the William Herschel Deep Field. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1315-1323.	1.6	9
77	New Microslice Technology for Hyperspectral Imaging. Remote Sensing, 2013, 5, 1204-1219.	1.8	9
78	Do all QSOs have the same black hole mass?. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	1.6	8
79	Sub-millimetre source identifications and the microjansky source population at 8.4 GHz in the William Herschel Deep Field. Monthly Notices of the Royal Astronomical Society, 2013, 428, 935-951.	1.6	8
80	SBF distances to Leo and Virgo using the HST. Monthly Notices of the Royal Astronomical Society, 1998, 298, 451-458.	1.6	7
81	The nature of sub-millimetre galaxies I: a comparison of AGN and star-forming galaxy SED fits. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1509-1529.	1.6	7
82	Another Quadruply Lensed Quasar from the VST-ATLAS Survey. Research Notes of the AAS, 2018, 2, 21.	0.3	6
83	Beam profile sensitivity of the WMAP CMB power spectrum. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 407, L16-L20.	1.2	5
84	Extending pure luminosity evolution models into the mid-infrared, far-infrared and submillimetre. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1875-1886.	1.6	5
85	THE 2DF QSO REDSHIFT SURVEY. , 2004, , .		5
86	Galaxy Number-Counts to B = 28m. Annals of the New York Academy of Sciences, 1993, 688, 534-538.	1.8	4
87	Input Catalogue for the 2DF QSO Redshift Survey. Symposium - International Astronomical Union, 1998, 179, 348-350.	0.1	4
88	QSO lensing magnification associated with galaxy groups. Monthly Notices of the Royal Astronomical Society, 2005, 362, 657-665.	1.6	4
89	The effect of lensing on the large-scale cosmic microwave background anisotropy. Monthly Notices of the Royal Astronomical Society, 2007, 376, 173-179.	1.6	4
90	Is everything we know about the universe wrong?. Astronomy and Geophysics, 2010, 51, 5.14-5.16.	0.1	4

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91	Testing WMAP data via Planck radio and SZ catalogues. Monthly Notices of the Royal Astronomical Society, 2014, 437, 622-640.	1.6	4
92	Detection significance of baryon acoustic oscillations peaks in galaxy and quasar clustering. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4091-4107.	1.6	3
93	Cross-correlating Planck with VST ATLAS LRGs: a new test for the ISW effect in the Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4830-4844.	1.6	3
94	Obscured QSOs and the X-ray background. Astronomische Nachrichten, 1998, 319, 66-66.	0.6	2
95	Counting quasar radio source pairs to derive the millijansky radio luminosity function and clustering strength to $z < 3.5$. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2692-2699.	1.6	2
96	Digital Sky Surveys from the Ground: Status and Perspectives. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 9-24.	0.3	2
97	The Environments of Optically-Selected QSOs. Symposium - International Astronomical Union, 1988, 130, 576-576.	0.1	1
98	Problems with the Current Cosmological Paradigm. Symposium - International Astronomical Union, 2005, 216, 398-408.	0.1	1
99	The nature of sub-millimetre galaxies II: an ALMA comparison of SMG dust heating mechanisms. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4976-4991.	1.6	1
100	Properties of stellar images at faint magnitudes. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	0
101	Faint Galaxy Number Counts. International Astronomical Union Colloquium, 1984, 78, 499-505.	0.1	0
102	Results from a faint QSO redshift survey. Symposium - International Astronomical Union, 1986, 119, 37-43.	0.1	0
103	Observations of Galaxy and QSO Clustering. Symposium - International Astronomical Union, 1988, 130, 371-377.	0.1	0
104	Angular Correlations of Faint ($B < 24$) Galaxies. Symposium - International Astronomical Union, 1988, 130, 528-528.	0.1	0
105	Progress in Galaxy Redshift Surveys using FLAIR. Publications of the Astronomical Society of Australia, 1992, 10, 12-15.	1.3	0
106	Galaxy Number-Counts to $B = 28M$. Symposium - International Astronomical Union, 1994, 161, 645-648.	0.1	0
107	Large-Scale Structure in the Durham/UKST Galaxy Redshift Survey. Symposium - International Astronomical Union, 1994, 161, 693-697.	0.1	0
108	Photometric Calibration and Large-Scale Clustering in the Universe. Symposium - International Astronomical Union, 1994, 161, 295-300.	0.1	0

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109	Galaxy Clustering to $B = 27M$. Symposium - International Astronomical Union, 1994, 161, 635-643.	0.1	0
110	The Latest Results from the Durham/UKST Galaxy Redshift Survey. International Astronomical Union Colloquium, 1995, 148, 116-123.	0.1	0
111	HST Cepheid Distance to Leo Group Galaxy M96.. Annals of the New York Academy of Sciences, 1995, 759, 658-663.	1.8	0
112	Faint Galaxy Number-Counts. Symposium - International Astronomical Union, 1996, 171, 225-228.	0.1	0
113	Evidence for Galaxy Formation at High Redshift. Symposium - International Astronomical Union, 2001, 204, 347-357.	0.1	0
114	Cosmology from the 2dF QSO Redshift Survey. Symposium - International Astronomical Union, 2005, 216, 95-104.	0.1	0
115	A neutrino model fit to the CMB power spectrum. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2836-2841.	1.6	0
116	THE XMM-NEWTON/2DF SURVEY. , 2004, , .		0