

# Shaun Cole

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5245884/publications.pdf>

Version: 2024-02-01

46  
papers

6,029  
citations

201575

27  
h-index

243529

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Merger rates in hierarchical models of galaxy formation. Monthly Notices of the Royal Astronomical Society, 1993, 262, 627-649.	1.6	1,764
2	Measuring the Baryon Acoustic Oscillation scale using the Sloan Digital Sky Survey and 2dF Galaxy Redshift Survey. Monthly Notices of the Royal Astronomical Society, 0, 381, 1053-1066.	1.6	661
3	The 2dF Galaxy Redshift Survey: the environmental dependence of galaxy star formation rates near clusters. Monthly Notices of the Royal Astronomical Society, 2002, 334, 673-683.	1.6	622
4	A measurement of the cosmological mass density from clustering in the 2dF Galaxy Redshift Survey. Nature, 2001, 410, 169-173.	13.7	545
5	Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1355-1372.	1.6	443
6	The 2dF Galaxy Redshift Survey: galaxy clustering per spectral type. Monthly Notices of the Royal Astronomical Society, 2003, 344, 847-856.	1.6	170
7	The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 342, 725-737.	1.6	151
8	Measuring $\Omega_0$ using cluster evolution. Monthly Notices of the Royal Astronomical Society, 1998, 298, 1145-1158.	1.6	144
9	Lightcone mock catalogues from semi-analytic models of galaxy formation I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578.	1.6	135
10	How well can we really estimate the stellar masses of galaxies from broad-band photometry?. Monthly Notices of the Royal Astronomical Society, 2013, 435, 87-114.	1.6	133
11	Constraints on $\hat{\alpha}, \hat{\beta}$ from the IRAS redshift surveys. Monthly Notices of the Royal Astronomical Society, 1995, 275, 515-526.	1.6	111
12	A unified model for the spatial and mass distribution of subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1208-1223.	1.6	96
13	Galaxy formation in the Planck Millennium: the atomic hydrogen content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4922-4937.	1.6	72
14	The 2dF Galaxy Redshift Survey: stochastic relative biasing between galaxy populations. Monthly Notices of the Royal Astronomical Society, 2005, 356, 247-269.	1.6	68
15	Modelling the redshift-space distortion of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1998, 296, 10-20.	1.6	67
16	Clear and Measurable Signature of Modified Gravity in the Galaxy Velocity Field. Physical Review Letters, 2014, 112, 221102.	2.9	65
17	The 2dF Galaxy Redshift Survey: Wiener reconstruction of the cosmic web. Monthly Notices of the Royal Astronomical Society, 2004, 352, 939-960.	1.6	64
18	hbt+: an improved code for finding subhaloes and building merger trees in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 604-617.	1.6	58

#	ARTICLE	IF	CITATIONS
19	Galaxy groups in the 2dF Galaxy Redshift Survey: the number density of groups. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1147-1158.	1.6	52
20	Projection effects in the strong lensing study of subhaloes. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1426-1432.	1.6	51
21	The satellite luminosity functions of galaxies in Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2011, 417, 370-381.	1.6	49
22	Predictions for deep galaxy surveys with JWST from $\Lambda$ CDM. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2352-2372.	1.6	46
23	The integrated Sachs-Wolfe effect in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2978-2989.	1.6	43
24	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 492-521.	1.6	42
25	Mock 2dF and SDSS galaxy redshift surveys. Monthly Notices of the Royal Astronomical Society, 1998, 300, 945-966.	1.6	42
26	A lightcone catalogue from the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4646-4661.	1.6	41
27	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). Research Notes of the AAS, 2020, 4, 187.	0.3	40
28	PyAutoLens: Open-Source Strong Gravitational Lensing. Journal of Open Source Software, 2021, 6, 2825.	2.0	34
29	The distinct stellar metallicity populations of simulated Local Group dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2312-2331.	1.6	22
30	Halo concentration strengthens dark matter constraints in galaxy-galaxy strong lensing analyses. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2464-2479.	1.6	22
31	The evolution of the UV-to-mm extragalactic background light: evidence for a top-heavy initial mass function?. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3082-3101.	1.6	20
32	A forward-modelling method to infer the dark matter particle mass from strong gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3046-3062.	1.6	19
33	The clustering evolution of dusty star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1621-1641.	1.6	18
34	Characterizing the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4328-4349.	1.6	17
35	The Pan-STARRS1 Medium-deep Survey: Star Formation Quenching in Group and Cluster Environments. Astrophysical Journal, 2017, 845, 74.	1.6	15
36	Predictions for the detection of tidal streams with Gaia using great-circle methods. Monthly Notices of the Royal Astronomical Society, 2017, 469, 721-743.	1.6	14

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37	Comparing semi-analytic particle tagging and hydrodynamical simulations of the Milky Way's stellar halo. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1691-1712.	1.6	12
38	Modelling Dust in Galactic SEDs: Application to Semi-Analytical Galaxy Formation Models. Astrophysics and Space Science, 2001, 276, 1073-1078.	0.5	10
39	Maximum likelihood random galaxy catalogues and luminosity function estimation. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	1.6	10
40	Galaxyâ€“galaxy strong lens perturbations: line-of-sight haloes versus lens subhaloes. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5862-5873.	1.6	10
41	Halo concentrations from extended Pressâ€“Schechter merger histories. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5010-5020.	1.6	9
42	Rosella: a mock catalogue from the P-Millennium simulation. Monthly Notices of the Royal Astronomical Society, 2021, 505, 325-338.	1.6	8
43	A sparse regression approach to modelling the relation between galaxy stellar masses and their host haloes. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4584-4602.	1.6	7
44	Baryon-driven decontraction in Milky Way-mass haloes. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3910-3921.	1.6	5
45	Supervoid Origin of the Cold Spot in the Cosmic Microwave Background. Proceedings of the International Astronomical Union, 2014, 10, 269-272.	0.0	2
46	Chemical enrichment of ICM in a hierarchical galaxy formation model including SNe Ia. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	0