

Simon D.M. White: Refereed publications

Numbers in brackets at the end of each entry are the citations to date (taken from NASA/ADS on 16/8/2021).

Papers 528 Total citations 159.964 H-index 169

- White, S. D. M. 1975, *UBV photometry of NGC 2439*. Astrophys. J., 197, 67. [31]
- White, S. D. M. 1976, *Dynamical friction in spherical clusters*. Mon. Not. R. astr. Soc., 174, 19. [167]
- White, S. D. M. 1976, *A note on the minimum impact parameter for dynamical friction involving spherical clusters*. Mon. Not. R. astr. Soc., 174, 467. [71]
- Fall, S. M., Geller, M. J., Jones, B. J. T., & White, S. D. M. 1976, *On the Use of Correlation Functions in Finding Physical Associations of Galaxies*. Astrophys. J. Lett., 205, L121. [25]
- White, S. D. M. 1976, *The dynamics of rich clusters of galaxies*. Mon. Not. R. astr. Soc., 177, 717. [272]
- White, S. D. M. 1977, *Dynamical effects in the formation and evolution of galaxies and clusters*. Comments on Astrophysics, 7, 95. [7]
- White, S. D. M. 1977, *Mass segregation and missing mass in the Coma cluster*. Mon. Not. R. astr. Soc., 179, 33. [94]
- Melnick, J., White, S. D. M., & Hoessel, J. 1977, *Photoelectric surface photometry of the Coma cluster*. Mon. Not. R. astr. Soc., 180, 207. [78]
- White, S. D. M., & Rees, M. J. 1978, *Core condensation in heavy halos: a two-stage theory for galaxy formation and clustering*. Mon. Not. R. astr. Soc., 183, 341. [3069]
- Silk, J., & White, S. D. 1978, *The development of structure in the expanding universe*. Astrophys. J. Lett., 223, L59. [88]
- White, S. D. M. 1978, *Simulations of merging galaxies*. Mon. Not. R. astr. Soc., 184, 185. [329]
- Valdes, F., & White, S. 1978, *Statistics of binary galaxies relating to their formation*. Publ. Astron. Soc. Pacific, 90, 494. [0]
- Silk, J., & White, S. D. M. 1978, *The determination of q_0 using X-ray and microwave observation of galaxy clusters*. Astrophys. J. Lett., 226, L103. [137]
- White, S. D. M. 1979, *The hierarchy of correlation functions and its relation to other measures of galaxy clustering*. Mon. Not. R. astr. Soc., 186, 145. [337]
- White, S. D. M. 1979, *Can mergers make slowly rotating elliptical galaxies?* Astrophys. J. Lett., 229, L9. [25]
- Sharp, N. A., Lin, D. N. C., & White, S. D. M. 1979, *A test of the tidal hypothesis for the origin of galactic angular momentum*. Mon. Not. R. astr. Soc., 187, 287. [33]
- White, S. D. M., & Silk, J. 1979, *The growth of aspherical structure in the universe: Is the Local Supercluster an unusual system?* Astrophys. J., 231, 1. [143]
- White, S. D. M. 1979, *Further simulations of merging galaxies*. Mon. Not. R. astr. Soc., 189, 831. [206]
- White, S. D. M., & Valdes, F. 1980, *The luminosity function of close binary galaxies*. Mon. Not. R. astr. Soc., 190, 55. [25]

- White, S. D. M. 1980, *Mixing processes in galaxy mergers*. Mon. Not. R. astr. Soc., 191, 1P. [164]
- White, S. D. M. 1980, *Dynamical inferences from the dipole anisotropy in the microwave background.. Physica Scripta*, 21, 640. [4]
- Frenk, C. S., & White, S. D. M. 1980, *The kinematics and dynamics of the galactic globular cluster system*. Mon. Not. R. astr. Soc., 193, 295. [234]
- White, S. D. M., & Silk, J. 1980, *The X-ray structure of two rich galaxy clusters and its implications for the detectability of microwave diminutions*. Astrophys. J., 241, 864. [59]
- Peebles, P. J. E., & White, S. D. M. 1981, *The Large-Scale Structure of the Universe*. Physics Today, 34, 62. [0]
- White, S. D. M. 1981, *The dynamics of binary galaxies*. Mon. Not. R. astr. Soc., 195, 1037. [46]
- White, S. D. M., Silk, J., & Henry, J. P. 1981, *The X-ray structure of a galaxy cluster at $Z = 0.54$ - Implications for cluster evolution and cosmology*. Astrophys. J. Lett., 251, L65. [55]
- Frenk, C. S., & White, S. D. M. 1982, *The form of the galactic globular cluster system and the distance to the galactic centre..* Mon. Not. R. astr. Soc., 198, 173. [125]
- White, S. D. M. 1982, *Erratum - the Dynamics of Binary Galaxies*. Mon. Not. R. astr. Soc., 198, 383. [2]
- White, S. D. M., & Negroponte, J. 1982, *The gravitational evolution of structure in a scale-free universe*. Mon. Not. R. astr. Soc., 201, 401. [18]
- White, S. D. M., & Audouze, J. 1983, *Stochastic effects in the chemical evolution of galaxies*. Mon. Not. R. astr. Soc., 203, 603. [14]
- White, S. D. M., Huchra, J., Latham, D., & Davis, M. 1983, *An observational study of the dynamics of binary galaxies..* Mon. Not. R. astr. Soc., 203, 701. [125]
- Frenk, C. S., White, S. D. M., & Davis, M. 1983, *Nonlinear evolution of large-scale structure in the universe*. Astrophys. J., 271, 417. [190]
- White, S. D. M. 1983, *Simulations of sinking satellites*. Astrophys. J., 274, 53. [145]
- White, S. D. M., Frenk, C. S., & Davis, M. 1983, *Clustering in a neutrino-dominated universe*. Astrophys. J. Lett., 274, L1. [262]
- Negroponte, J., & White, S. D. M. 1983, *Simulations of mergers between disc-halo galaxies..* Mon. Not. R. astr. Soc., 205, 1009. [216]
- White, S. D. M., Davis, M., & Frenk, C. S. 1984, *The size of clusters in a neutrino-dominated universe*. Mon. Not. R. astr. Soc., 209, 27P. [56]
- White, S. D. M. 1984, *Angular momentum growth in protogalaxies*. Astrophys. J., 286, 38. [456]
- Barnes, J., & White, S. D. M. 1984, *The response of a spheroid to a disc field or were bulges ever ellipticals?* Mon. Not. R. astr. Soc., 211, 753. [91]
- Efstathiou, G., Davis, M., White, S. D. M., & Frenk, C. S. 1985, *Numerical techniques for large cosmological N-body simulations*. Astrophys. J. Suppl., 57, 241. [571]
- Dones, L., & White, S. D. M. 1985, *M 87 : round and slow..* Astrophys. J., 290, 94. [5]
- Davis, M., Efstathiou, G., Frenk, C. S., & White, S. D. M. 1985, *The evolution of large-scale structure in a universe dominated by cold dark matter*. Astrophys. J., 292, 371. [2744]

- White, S. D. M. 1985, *The kinematics of Population II stars*. *Astrophys. J. Lett.*, 294, L99. [38]
- Aguilar, L. A., & White, S. D. M. 1985, *Tidal interactions between spherical galaxies..* *Astrophys. J.*, 295, 374. [149]
- Veeraraghavan, S., & White, S. D. M. 1985, *Were ellipticals formed from spirals?.* *Astrophys. J.*, 296, 336. [13]
- Aguilar, L. A., & White, S. D. M. 1986, *The Density Profiles of Tidally Stripped Galaxies*. *Astrophys. J.*, 307, 97. [114]
- The, L. S., & White, S. D. M. 1986, *The mass of the Coma cluster..* *Astron. J.*, 92, 1248. [174]
- White, S. D. M., Frenk, C. S., Davis, M., & Efstathiou, G. 1987, *Clusters, Filaments, and Voids in a Universe Dominated by Cold Dark Matter*. *Astrophys. J.*, 313, 505. [402]
- Nolthenius, R., & White, S. D. M. 1987, *Groups of galaxies in the CfA survey and in cold dark matter universes..* *Mon. Not. R. astr. Soc.*, 225, 505. [156]
- Baron, E., & White, S. D. M. 1987, *The Appearance of Primeval Galaxies*. *Astrophys. J.*, 322, 585. [147]
- White, S. D. M., & Narayan, R. 1987, *Maximum entropy states and the structure of galaxies..* *Mon. Not. R. astr. Soc.*, 229, 103. [47]
- The, L. S., & White, S. D. M. 1988, *Is the Core of the Coma Cluster More Massive Than We Thought?.* *Astron. J.*, 95, 15. [21]
- Frenk, C. S., White, S. D. M., Davis, M., & Efstathiou, G. 1988, *The Formation of Dark Halos in a Universe Dominated by Cold Dark Matter*. *Astrophys. J.*, 327, 507. [569]
- Narayan, R., & White, S. D. M. 1988, *Gravitational lensing in a cold dark matter universe.* *Mon. Not. R. astr. Soc.*, 231, 97p. [116]
- The, L. S., & White, S. D. M. 1988, *Modified Newtonian Dynamics and the Coma Cluster.* *Astron. J.*, 95, 1642. [46]
- White, S. D. M., Tully, R. B., & Davis, M. 1988, *Clustering Bias in the Nearby Galaxies Catalog and in Cold Dark Matter Models*. *Astrophys. J. Lett.*, 333, L45. [88]
- Zaritsky, D., & White, S. D. M. 1988, *Simulations of sinking satellites revisited.* *Mon. Not. R. astr. Soc.*, 235, 289. [54]
- Efstathiou, G., Frenk, C. S., White, S. D. M., & Davis, M. 1988, *Gravitational clustering from scale-free initial conditions..* *Mon. Not. R. astr. Soc.*, 235, 715. [500]
- White, S. D. M. 1989, *The flattening of the galactic spheroid.* *Mon. Not. R. astr. Soc.*, 237, 51P. [16]
- Gorski, K. M., Davis, M., Strauss, M. A., White, S. D. M., & Yahil, A. 1989, *Cosmological Velocity Correlations: Observations and Model Predictions*. *Astrophys. J.*, 344, 1. [121]
- Rix, H.-W. R., & White, S. D. M. 1989, *The dynamics of dumb-bell galaxies..* *Mon. Not. R. astr. Soc.*, 240, 941. [18]
- Heisler, J., Hogan, C. J., & White, S. D. M. 1989, *Superclustering of Quasi-stellar Object Absorption Clouds*. *Astrophys. J.*, 347, 52. [50]
- Kundu, M., Gopalswamy, N., White, S., et al. 1989, *The Radio Signatures of a Slow Coronal Mass Ejection: Electron Acceleration at Slow-Mode Shocks?.* *Astrophys. J.*, 347, 505. [17]
- The, L. S., & White, S. D. M. 1990, *Is the Coma Cluster Binary Dominated?.* *Astron. J.*, 99, 7. [2]

- White, S. D. M., & Ostriker, J. P. 1990, *The Stability of a Collisionless Cosmological Shell*. *Astrophys. J.*, 349, 22. [34]
- Frenk, C. S., White, S. D. M., Efstathiou, G., & Davis, M. 1990, *Galaxy Clusters and the Amplitude of Primordial Fluctuations*. *Astrophys. J.*, 351, 10. [262]
- Heisler, J., & White, S. D. M. 1990, *Satellite disruption and shell formation in galaxies..* *Mon. Not. R. astr. Soc.*, 243, 199. [26]
- Rix, H.-W., & White, S. D. M. 1990, *Disks in Elliptical Galaxies*. *Astrophys. J.*, 362, 52. [146]
- White, S. D. M. 1990, *Cooling flows and dark matter..* *Nature*, 348, 111. [1]
- Zeng, N., & White, S. D. M. 1991, *Voids in a Neutrino-dominated Universe*. *Astrophys. J.*, 374, 1. [15]
- White, S. D. M., & Frenk, C. S. 1991, *Galaxy Formation through Hierarchical Clustering*. *Astrophys. J.*, 379, 52. [1877]
- Babul, A., & White, S. D. M. 1991, *Quasar-modulated galaxy clustering in a cold dark matter universe*. *Mon. Not. R. astr. Soc.*, 253, 31P. [86]
- Rix, H.-W., & White, S. D. M. 1992, *Optimal estimates of line-of-sight velocity distributions from absorptionline spectra of galaxies : nuclear discs in elliptical galaxies..* *Mon. Not. R. astr. Soc.*, 254, 389. [233]
- Minniti, D., White, S. D. M., Olszewski, E. W., & Hill, J. M. 1992, *Rotation of the Galactic Bulge*. *Astrophys. J. Lett.*, 393, L47. [51]
- White, S. D. M., & Zaritsky, D. 1992, *Models for Galaxy Halos in an Open Universe*. *Astrophys. J.*, 394, 1. [97]
- Efstathiou, G., Bond, J. R., & White, S. D. M. 1992, *COBE background radiation anisotropies and large-scale structure in the universe*. *Mon. Not. R. astr. Soc.*, 258, 1P. [501]
- Kauffmann, G., & White, S. D. M. 1992, *The observational properties of an $\Omega = 0.2$ cold dark matter universe*. *Mon. Not. R. astr. Soc.*, 258, 511. [12]
- Bower, R. G., Coles, P., Frenk, C. S., & White, S. D. M. 1993, *Cooperative Galaxy Formation and Large-Scale Structure*. *Astrophys. J.*, 405, 403. [92]
- Zaritsky, D., Smith, R., Frenk, C., & White, S. D. M. 1993, *Satellites of Spiral Galaxies*. *Astrophys. J.*, 405, 464. [180]
- White, S. D. M., Briel, U. G., & Henry, J. P. 1993, *X-ray archeology in the Coma cluster..* *Mon. Not. R. astr. Soc.*, 261, L8. [193]
- Murray, S. D., White, S. D. M., Blondin, J. M., & Lin, D. N. C. 1993, *Dynamical Instabilities in Two-Phase Media and the Minimum Masses of Stellar Systems*. *Astrophys. J.*, 407, 588. [115]
- Moore, B., Frenk, C. S., & White, S. D. M. 1993, *Galaxy groups: abundance by luminosity and by velocity dispersion..* *Mon. Not. R. astr. Soc.*, 261, 827. [97]
- Kauffmann, G., & White, S. D. M. 1993, *The merging history of dark matter haloes in a hierarchical universe..* *Mon. Not. R. astr. Soc.*, 261, 921. [299]
- White, S. D. M., Efstathiou, G., & Frenk, C. S. 1993, *The amplitude of mass fluctuations in the universe*. *Mon. Not. R. astr. Soc.*, 262, 1023. [589]
- Katz, N., & White, S. D. M. 1993, *Hierarchical Galaxy Formation: Overmerging and the Formation of an X-Ray Cluster*. *Astrophys. J.*, 412, 455. [364]

- Kauffmann, G., White, S. D. M., & Guiderdoni, B. 1993, *The formation and evolution of galaxies within merging dark matter haloes..* Mon. Not. R. astr. Soc., 264, 201. [1641]
- Navarro, J. F., & White, S. D. M. 1993, *Simulations of Dissipative Galaxy Formation in Hierarchically Clustering Universes - Part One - Tests of the Code.* Mon. Not. R. astr. Soc., 265, 271. [386]
- White, S. D. M. 1994, *Large-Scale Structure..* Reviews in Modern Astronomy, 7, 255. [8]
- Maran, S. P., Robinson, R. D., Shore, S. N., et al. 1994, *Observing Stellar Coronae with the Goddard High Resolution Spectrograph. I. The dMe Star AU Microscopii.* Astrophys. J., 421, 800. [46]
- Navarro, J. F., & White, S. D. M. 1994, *Simulations of dissipative galaxy formation in hierarchically clustering universes-2. Dynamics of the baryonic component in galactic haloes.* Mon. Not. R. astr. Soc., 267, 401. [305]
- Navarro, J. F., Frenk, C. S., & White, S. D. M. 1994, *Accretion of satellite galaxies and the density of the universe..* Mon. Not. R. astr. Soc., 267, L1. [43]
- Kauffmann, G., Guiderdoni, B., & White, S. D. M. 1994, *Faint galaxy counts in a hierarchical universe..* Mon. Not. R. astr. Soc., 267, 981. [133]
- van der Marel, R. P., Rix, H.-W., Carter, D., et al. 1994, *Velocity profiles of galaxies with claimed black holes - I. Observations of M 31, M 32, NGC 3115 and NGC 4594..* Mon. Not. R. astr. Soc., 268, 521. [105]
- Lorrimer, S. J., Frenk, C. S., Smith, R. M., White, S. D. M., & Zaritsky, D. 1994, *The distribution of satellite galaxies..* Mon. Not. R. astr. Soc., 269, 696. [35]
- Zaritsky, D., & White, S. D. M. 1994, *The Massive Halos of Spiral Galaxies.* Astrophys. J., 435, 599. [167]
- van der Marel, R. P., Evans, N. W., Rix, H.-W., White, S. D. M., & de Zeeuw, T. 1994, *Velocity profiles of galaxies with claimed black holes. II. $f(E, L_z)$ models for M32..* Mon. Not. R. astr. Soc., 271, 99. [65]
- Dow, K. L., & White, S. D. M. 1995, *ROSAT Observations of Coma Cluster Galaxies.* Astrophys. J., 439, 113. [30]
- Navarro, J. F., Frenk, C. S., & White, S. D. M. 1995, *The assembly of galaxies in a hierarchically clustering universe.* Mon. Not. R. astr. Soc., 275, 56. [372]
- Navarro, J. F., Frenk, C. S., & White, S. D. M. 1995, *Simulations of X-ray clusters.* Mon. Not. R. astr. Soc., 275, 720. [818]
- Velazquez, H., & White, S. D. M. 1995, *On the dynamics of the Sagittarius dwarf galaxy.* Mon. Not. R. astr. Soc., 275, L23. [66]
- Jain, B., Mo, H. J., & White, S. D. M. 1995, *The evolution of correlation functions and power spectra in gravitational clustering.* Mon. Not. R. astr. Soc., 276, L25. [166]
- Minniti, D., Olszewski, E. W., Liebert, J., et al. 1995, *The metallicity gradient of the Galactic bulge*.* Mon. Not. R. astr. Soc., 277, 1293. [81]
- Shutt, T., Akerib, D. S., Barnes, P. D., et al. 1996, *Recent results with a 62 g Ge cryogenic dark matter detector.* Nuclear Instruments and Methods in Physics Research A, 370, 165. [14]
- Barnes, P. D., da Silva, A., Akerib, D. S., et al. 1996, *Installation of the Cryogenic Dark Matter Search (CDMS).* Nuclear Instruments and Methods in Physics Research A, 370, 233. [24]

- Navarro, J. F., Frenk, C. S., & White, S. D. M. 1996, *The Structure of Cold Dark Matter Halos*. *Astrophys. J.*, 462, 563. [6024]
- Minniti, D., Liebert, J., Olszewski, E. W., & White, S. D. M. 1996, *Background Giants in the Field of the Globular Cluster M22: Kinematics of the Galactic Bulge*. *Astron. J.*, 112, 590. [5]
- Mo, H. J., & White, S. D. M. 1996, *An analytic model for the spatial clustering of dark matter haloes*. *Mon. Not. R. astr. Soc.*, 282, 347. [1268]
- Mo, H. J., Jing, Y. P., & White, S. D. M. 1996, *The correlation function of clusters of galaxies and the amplitude of mass fluctuations in the Universe*. *Mon. Not. R. astr. Soc.*, 282, 1096. [105]
- Frenk, C. S., Evrard, A. E., White, S. D. M., & Summers, F. J. 1996, *Galaxy Dynamics in Clusters*. *Astrophys. J.*, 472, 460. [134]
- Couchman, H. M. P., Pearce, F. R., Thomas, P. A., et al. 1996, *Supercomputer simulations of cosmic structure: Hydra and the Virgo Experiments.. J Roy. Astron. Soc. Canada Astron. Astrophys.*, 90, 314. [0]
- Kauffmann, G., Charlot, S., & White, S. D. M. 1996, *Detection of strong evolution in the population of early-type galaxies*. *Mon. Not. R. astr. Soc.*, 283, L117. [158]
- Mo, H. J., Jing, Y. P., & White, S. D. M. 1997, *High-order correlations of peaks and haloes: a step towards understanding galaxy biasing*. *Mon. Not. R. astr. Soc.*, 284, 189. [199]
- Zaritsky, D., Smith, R., Frenk, C., & White, S. D. M. 1997, *More Satellites of Spiral Galaxies*. *Astrophys. J.*, 478, 39. [210]
- Zaritsky, D., Smith, R., Frenk, C. S., & White, S. D. M. 1997, *Anisotropies in the Distribution of Satellite Galaxies*. *Astrophys. J. Lett.*, 478, L53. [86]
- Tormen, G., Bouchet, F. R., & White, S. D. M. 1997, *The structure and dynamical evolution of dark matter haloes*. *Mon. Not. R. astr. Soc.*, 286, 865. [288]
- van Haarlem, M. P., Frenk, C. S., & White, S. D. M. 1997, *Projection effects in cluster catalogues*. *Mon. Not. R. astr. Soc.*, 287, 817. [101]
- Steinmetz, M., & White, S. D. M. 1997, *Two-body heating in numerical galaxy formation experiments*. *Mon. Not. R. astr. Soc.*, 288, 545. [94]
- Davis, M., Miller, A., & White, S. D. M. 1997, *A Galaxy-weighted Measure of the Relative Peculiar-Velocity Dispersion*. *Astrophys. J.*, 490, 63. [50]
- Navarro, J. F., Frenk, C. S., & White, S. D. M. 1997, *A Universal Density Profile from Hierarchical Clustering*. *Astrophys. J.*, 490, 493. [7614]
- Corcoran, M. F., Petre, R., Swank, J. H., et al. 1998, *The ASCA X-Ray Spectrum of η Carinae*. *Astrophys. J.*, 494, 381. [39]
- Syer, D., & White, S. D. M. 1998, *Dark halo mergers and the formation of a universal profile*. *Mon. Not. R. astr. Soc.*, 293, 337. [142]
- Mo, H. J., Mao, S., & White, S. D. M. 1998, *The formation of galactic discs*. *Mon. Not. R. astr. Soc.*, 295, 319. [1721]
- Jenkins, A., Frenk, C. S., Pearce, F. R., et al. 1998, *Evolution of Structure in Cold Dark Matter Universes*. *Astrophys. J.*, 499, 20. [485]

- Thomas, P. A., Colberg, J. M., Couchman, H. M. P., et al. 1998, *The structure of galaxy clusters in various cosmologies*. Mon. Not. R. astr. Soc., 296, 1061. [149]
- Kneissl, R., Sunyaev, R. A., & White, S. D. M. 1998, *A deep ROSAT-PSPC observation towards the CMB decrement close to PC1643+4631 A & B: no cluster X-ray emission*. Mon. Not. R. astr. Soc., 297, L29. [15]
- Canavezes, A., Springel, V., Oliver, S. J., et al. 1998, *The topology of the IRAS Point Source Catalogue Redshift Survey*. Mon. Not. R. astr. Soc., 297, 777. [62]
- Mao, S., Mo, H. J., & White, S. D. M. 1998, *The evolution of galactic discs*. Mon. Not. R. astr. Soc., 297, L71. [105]
- Springel, V., & White, S. D. M. 1998, *Estimates for the luminosity function of galaxies and its evolution*. Mon. Not. R. astr. Soc., 298, 143. [22]
- Springel, V., White, S. D. M., Colberg, J. M., et al. 1998, *Genus statistics of the Virgo N-body simulations and the 1.2-Jy redshift survey*. Mon. Not. R. astr. Soc., 298, 1169. [30]
- Kauffmann, G., Colberg, J. M., Diaferio, A., & White, S. D. M. 1999, *Clustering of galaxies in a hierarchical universe - I. Methods and results at $z=0$* . Mon. Not. R. astr. Soc., 303, 188. [848]
- White, S. D. M., & Springel, V. 1999, *Fitting the Universe on a Supercomputer*. Computing in Science and Engineering, 1, 36. [0]
- Mo, H. J., Mao, S., & White, S. D. M. 1999, *The structure and clustering of Lyman-break galaxies*. Mon. Not. R. astr. Soc., 304, 175. [134]
- Velazquez, H., & White, S. D. M. 1999, *Sinking satellites and the heating of galaxy discs*. Mon. Not. R. astr. Soc., 304, 254. [287]
- Schmoldt, I., Branchini, E., Teodoro, L., et al. 1999, *Likelihood analysis of the Local Group acceleration*. Mon. Not. R. astr. Soc., 304, 893. [48]
- Tadros, H., Ballinger, W. E., Taylor, A. N., et al. 1999, *Spherical harmonic analysis of the PSCz galaxy catalogue: redshift distortions and the real-space power spectrum*. Mon. Not. R. astr. Soc., 305, 527. [88]
- Tresse, L., Dennefeld, M., Petitjean, P., Cristiani, S., & White, S. 1999, *Identification of absorbing galaxies towards the QSO J2233-606 in the Hubble Deep Field South*. Astron. Astrophys., 346, L21. [17]
- Springel, V., & White, S. D. M. 1999, *Tidal tails in cold dark matter cosmologies*. Mon. Not. R. astr. Soc., 307, 162. [157]
- Pearce, F. R., Jenkins, A., Frenk, C. S., et al. 1999, *A Simulation of Galaxy Formation and Clustering*. Astrophys. J. Lett., 521, L99. [132]
- Helmi, A., & White, S. D. M. 1999, *Building up the stellar halo of the Galaxy*. Mon. Not. R. astr. Soc., 307, 495. [327]
- Kauffmann, G., Colberg, J. M., Diaferio, A., & White, S. D. M. 1999, *Clustering of galaxies in a hierarchical universe - II. Evolution to high redshift*. Mon. Not. R. astr. Soc., 307, 529. [257]
- Diaferio, A., Kauffmann, G., Colberg, J. M., & White, S. D. M. 1999, *Clustering of galaxies in a hierarchical universe - III. Mock redshift surveys*. Mon. Not. R. astr. Soc., 307, 537. [123]
- Schmoldt, I. M., Saar, V., Saha, P., et al. 1999, *On Density and Velocity Fields and beta from the IRAS PSCZ Survey*. Astron. J., 118, 1146. [40]
- White, S. D. M. 1999, *Formation Models of Galaxies*. Astrophys. Space Sc., 267, 355. [3]

- Branchini, E., Teodoro, L., Frenk, C. S., et al. 1999, *A non-parametric model for the cosmic velocity field*. Mon. Not. R. astr. Soc., 308, 1. [124]
- Sutherland, W., Tadros, H., Efstathiou, G., et al. 1999, *The power spectrum of the Point Source Catalogue redshift survey*. Mon. Not. R. astr. Soc., 308, 289. [44]
- Colberg, J. M., White, S. D. M., Jenkins, A., & Pearce, F. R. 1999, *Linking cluster formation to large-scale structure*. Mon. Not. R. astr. Soc., 308, 593. [81]
- Ishibashi, K., Corcoran, M. F., Davidson, K., et al. 1999, *Recurrent X-Ray Emission Variations of η Carinae and the Binary Hypothesis*. Astrophys. J., 524, 983. [121]
- Seaborne, M. D., Sutherland, W., Tadros, H., et al. 1999, *A comparison of the PSCz and Stromlo-APM redshift surveys*. Mon. Not. R. astr. Soc., 309, 89. [25]
- Frenk, C. S., White, S. D. M., Bode, P., et al. 1999, *The Santa Barbara Cluster Comparison Project: A Comparison of Cosmological Hydrodynamics Solutions*. Astrophys. J., 525, 554. [412]
- Jain, B., Seljak, U., & White, S. 2000, *Ray-tracing Simulations of Weak Lensing by Large-Scale Structure*. Astrophys. J., 530, 547. [285]
- Colberg, J. M., White, S. D. M., MacFarland, T. J., et al. 2000, *Peculiar velocities of galaxy clusters*. Mon. Not. R. astr. Soc., 313, 229. [35]
- Rowan-Robinson, M., Sharpe, J., Oliver, S. J., et al. 2000, *The IRAS PSCz dipole*. Mon. Not. R. astr. Soc., 314, 375. [66]
- Benson, A. J., Bower, R. G., Frenk, C. S., & White, S. D. M. 2000, *Diffuse X-ray emission from late-type galaxy haloes*. Mon. Not. R. astr. Soc., 314, 557. [97]
- Yoshida, N., Springel, V., White, S. D. M., & Tormen, G. 2000, *Collisional Dark Matter and the Structure of Dark Halos*. Astrophys. J. Lett., 535, L103. [96]
- Cristiani, S., Appenzeller, I., Arnouts, S., et al. 2000, *The first VLT FORS1 spectra of Lyman-break candidates in the HDF-S and AXAF Deep Field*. Astron. Astrophys., 359, 489. [66]
- Kay, S. T., Pearce, F. R., Jenkins, A., et al. 2000, *Parameter tests within cosmological simulations of galaxy formation*. Mon. Not. R. astr. Soc., 316, 374. [44]
- Saunders, W., Sutherland, W. J., Maddox, S. J., et al. 2000, *The PSCz catalogue*. Mon. Not. R. astr. Soc., 317, 55. [447]
- Monaco, P., Efstathiou, G., Maddox, S. J., et al. 2000, *The one-point PDF of the initial conditions of our local Universe from the IRAS PSC redshift catalogue*. Mon. Not. R. astr. Soc., 318, 681. [5]
- Colberg, J. M., White, S. D. M., Yoshida, N., et al. 2000, *Clustering of galaxy clusters in cold dark matter universes*. Mon. Not. R. astr. Soc., 319, 209. [132]
- Yoshida, N., Springel, V., White, S. D. M., & Tormen, G. 2000, *Weakly Self-interacting Dark Matter and the Structure of Dark Halos*. Astrophys. J. Lett., 544, L87. [219]
- Somerville, R. S., Lemson, G., Sigad, Y., et al. 2001, *Non-linear stochastic galaxy biasing in cosmological simulations*. Mon. Not. R. astr. Soc., 320, 289. [147]
- Jenkins, A., Frenk, C. S., White, S. D. M., et al. 2001, *The mass function of dark matter haloes*. Mon. Not. R. astr. Soc., 321, 372. [1340]
- Sharpe, J., Rowan-Robinson, M., Canavezes, A., et al. 2001, *Predicting the peculiar velocities of nearby PSCz galaxies using the Least Action Principle*. Mon. Not. R. astr. Soc., 322, 121. [9]

- Springel, V., Yoshida, N., & White, S. D. M. 2001, *GADGET: a code for collisionless and gasdynamical cosmological simulations*. *New Astronomy*, 6, 79. [1303]
- Helmi, A., & White, S. D. M. 2001, *Simple dynamical models of the Sagittarius dwarf galaxy*. *Mon. Not. R. astr. Soc.*, 323, 529. [105]
- Diaferio, A., Kauffmann, G., Balogh, M. L., et al. 2001, *The spatial and kinematic distributions of cluster galaxies in a Λ CDM universe: comparison with observations*. *Mon. Not. R. astr. Soc.*, 323, 999. [184]
- Meneghetti, M., Yoshida, N., Bartelmann, M., et al. 2001, *Giant cluster arcs as a constraint on the scattering cross-section of dark matter*. *Mon. Not. R. astr. Soc.*, 325, 435. [90]
- Pirzkal, N., Collodel, L., Erben, T., et al. 2001, *Cosmic shear from STIS pure parallels. I. Data*. *Astron. Astrophys.*, 375, 351. [16]
- Yoshida, N., Colberg, J., White, S. D. M., et al. 2001, *Simulations of deep pencil-beam redshift surveys*. *Mon. Not. R. astr. Soc.*, 325, 803. [36]
- Pearce, F. R., Jenkins, A., Frenk, C. S., et al. 2001, *Simulations of galaxy formation in a cosmological volume*. *Mon. Not. R. astr. Soc.*, 326, 649. [92]
- Corcoran, M. F., Swank, J. H., Petre, R., et al. 2001, *The Chandra HETGS X-Ray Grating Spectrum of η Carinae*. *Astrophys. J.*, 562, 1031. [44]
- Springel, V., White, S. D. M., Tormen, G., & Kauffmann, G. 2001, *Populating a cluster of galaxies - I. Results at $[formmu]z=0$* . *Mon. Not. R. astr. Soc.*, 328, 726. [1667]
- Stoughton, C., Lupton, R. H., Bernardi, M., et al. 2002, *Sloan Digital Sky Survey: Early Data Release*. *Astron. J.*, 123, 485. [2037]
- Charlot, S., Kauffmann, G., Longhetti, M., et al. 2002, *Star formation, metallicity and dust properties derived from the Stromlo-APM galaxy survey spectra*. *Mon. Not. R. astr. Soc.*, 330, 876. [71]
- Hämmerle, H., Miralles, J.-M., Schneider, P., et al. 2002, *Cosmic shear from STIS pure parallels. II. Analysis*. *Astron. Astrophys.*, 385, 743. [36]
- Miralles, J.-M., Erben, T., Hämmerle, H., et al. 2002, *A conspicuous tangential alignment of galaxies in a STIS Parallel Shear Survey field: A new dark-lens candidate?*. *Astron. Astrophys.*, 388, 68. [30]
- Bartelmann, M., & White, S. D. M. 2002, *Cluster detection from surface-brightness fluctuations in SDSS data*. *Astron. Astrophys.*, 388, 732. [14]
- Evrard, A. E., MacFarland, T. J., Couchman, H. M. P., et al. 2002, *Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations*. *Astrophys. J.*, 573, 7. [323]
- Mathis, H., Lemson, G., Springel, V., et al. 2002, *Simulating the formation of the local galaxy population*. *Mon. Not. R. astr. Soc.*, 333, 739. [85]
- van den Bosch, F. C., Abel, T., Croft, R. A. C., Hernquist, L., & White, S. D. M. 2002, *The Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies*. *Astrophys. J.*, 576, 21. [216]
- Yoshida, N., Stoehr, F., Springel, V., & White, S. D. M. 2002, *Gas cooling in simulations of the formation of the galaxy population*. *Mon. Not. R. astr. Soc.*, 335, 762. [93]
- Helmi, A., White, S. D., & Springel, V. 2002, *The phase-space structure of a dark-matter halo: Implications for dark-matter direct detection experiments*. *Phys. Rev. D*, 66, 063502. [96]

- Stoehr, F., White, S. D. M., Tormen, G., & Springel, V. 2002, *The satellite population of the Milky Way in a Λ CDM universe*. Mon. Not. R. astr. Soc., 335, L84. [253]
- Mo, H. J., & White, S. D. M. 2002, *The abundance and clustering of dark haloes in the standard Λ CDM cosmogony*. Mon. Not. R. astr. Soc., 336, 112. [253]
- Gonzalez, A. H., Zaritsky, D., Simard, L., Clowe, D., & White, S. D. M. 2002, *Tests of the Las Campanas Distant Cluster Survey from Confirmation Observations for the ESO Distant Cluster Survey*. Astrophys. J., 579, 577. [12]
- Mathis, H., & White, S. D. M. 2002, *Voids in the simulated local Universe*. Mon. Not. R. astr. Soc., 337, 1193. [77]
- Power, C., Navarro, J. F., Jenkins, A., et al. 2003, *The inner structure of Λ CDM haloes - I. A numerical convergence study*. Mon. Not. R. astr. Soc., 338, 14. [713]
- Helmi, A., White, S. D. M., & Springel, V. 2003, *The phase-space structure of cold dark matter haloes: insights into the Galactic halo*. Mon. Not. R. astr. Soc., 339, 834. [105]
- Cora, S. A., & White, S. D. M. 2003, *Chemical Enrichment of the Intra-Cluster Medium*. Astrophys. Space Sc., 284, 425. [0]
- Kauffmann, G., Heckman, T. M., White, S. D. M., et al. 2003, *Stellar masses and star formation histories for 10^5 galaxies from the Sloan Digital Sky Survey*. Mon. Not. R. astr. Soc., 341, 33. [1727]
- Kauffmann, G., Heckman, T. M., White, S. D. M., et al. 2003, *The dependence of star formation history and internal structure on stellar mass for 10^5 low-redshift galaxies*. Mon. Not. R. astr. Soc., 341, 54. [1042]
- Smith, R. E., Peacock, J. A., Jenkins, A., et al. 2003, *Stable clustering, the halo model and non-linear cosmological power spectra*. Mon. Not. R. astr. Soc., 341, 1311. [1583]
- Shen, S., Mo, H. J., White, S. D. M., et al. 2003, *The size distribution of galaxies in the Sloan Digital Sky Survey*. Mon. Not. R. astr. Soc., 343, 978. [828]
- Ciardi, B., Stoehr, F., & White, S. D. M. 2003, *Simulating intergalactic medium reionization*. Mon. Not. R. astr. Soc., 343, 1101. [125]
- Bartelmann, M., & White, S. D. M. 2003, *Stacking clusters in the ROSAT All-Sky Survey*. Astron. Astrophys., 407, 845. [12]
- Ciardi, B., Ferrara, A., & White, S. D. M. 2003, *Early reionization by the first galaxies*. Mon. Not. R. astr. Soc., 344, L7. [221]
- Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., et al. 2003, *The First Data Release of the Sloan Digital Sky Survey*. Astron. J., 126, 2081. [834]
- Marri, S., & White, S. D. M. 2003, *Smoothed particle hydrodynamics for galaxy-formation simulations: improved treatments of multiphase gas, of star formation and of supernovae feedback*. Mon. Not. R. astr. Soc., 345, 561. [98]
- Stoehr, F., White, S. D. M., Springel, V., Tormen, G., & Yoshida, N. 2003, *Dark matter annihilation in the halo of the Milky Way*. Mon. Not. R. astr. Soc., 345, 1313. [187]
- Kauffmann, G., Heckman, T. M., Tremonti, C., et al. 2003, *The host galaxies of active galactic nuclei*. Mon. Not. R. astr. Soc., 346, 1055. [2618]
- Zibetti, S., White, S. D. M., & Brinkmann, J. 2004, *Halo around edge-on disc galaxies in the Sloan Digital Sky Survey*. Mon. Not. R. astr. Soc., 347, 556. [109]

- De Lucia, G., Kauffmann, G., Springel, V., et al. 2004, *Substructures in cold dark matter haloes*. Mon. Not. R. astr. Soc., 348, 333. [256]
- Miniati, F., Ferrara, A., White, S. D. M., & Bianchi, S. 2004, *Ultraviolet background radiation from cosmic structure formation*. Mon. Not. R. astr. Soc., 348, 964. [42]
- Navarro, J. F., Hayashi, E., Power, C., et al. 2004, *The inner structure of Λ CDM haloes - III. Universality and asymptotic slopes*. Mon. Not. R. astr. Soc., 349, 1039. [852]
- De Lucia, G., Kauffmann, G., & White, S. D. M. 2004, *Chemical enrichment of the intracluster and intergalactic medium in a hierarchical galaxy formation model*. Mon. Not. R. astr. Soc., 349, 1101. [301]
- Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., et al. 2004, *The Second Data Release of the Sloan Digital Sky Survey*. Astron. J., 128, 502. [977]
- Brinchmann, J., Charlot, S., White, S. D. M., et al. 2004, *The physical properties of star-forming galaxies in the low-redshift Universe*. Mon. Not. R. astr. Soc., 351, 1151. [2213]
- De Lucia, G., Poggianti, B. M., Aragón-Salamanca, A., et al. 2004, *The Buildup of the Red Sequence in Galaxy Clusters since $z \sim 0.8$* . Astrophys. J. Lett., 610, L77. [148]
- Gao, L., De Lucia, G., White, S. D. M., & Jenkins, A. 2004, *Galaxies and subhaloes in Λ CDM galaxy clusters*. Mon. Not. R. astr. Soc., 352, L1. [151]
- Heckman, T. M., Kauffmann, G., Brinchmann, J., et al. 2004, *Present-Day Growth of Black Holes and Bulges: The Sloan Digital Sky Survey Perspective*. Astrophys. J., 613, 109. [639]
- Corcoran, M. F., Hamaguchi, K., Gull, T., et al. 2004, *Waiting in the Wings: Reflected X-Ray Emission from the Homunculus Nebula*. Astrophys. J., 613, 381. [41]
- Pierre, M., Valtchanov, I., Altieri, B., et al. 2004, *The XMM-LSS survey. Survey design and first results*. JCAP, 2004, 011. [167]
- Kauffmann, G., White, S. D. M., Heckman, T. M., et al. 2004, *The environmental dependence of the relations between stellar mass, structure, star formation and nuclear activity in galaxies*. Mon. Not. R. astr. Soc., 353, 713. [997]
- Tremonti, C. A., Heckman, T. M., Kauffmann, G., et al. 2004, *The Origin of the Mass-Metallicity Relation: Insights from 53,000 Star-forming Galaxies in the Sloan Digital Sky Survey*. Astrophys. J., 613, 898. [2532]
- Gao, L., Loeb, A., Peebles, P. J. E., White, S. D. M., & Jenkins, A. 2004, *Early Formation and Late Merging of the Giant Galaxies*. Astrophys. J., 614, 17. [91]
- Halliday, C., Milvang-Jensen, B., Poirier, S., et al. 2004, *Spectroscopy of clusters in the ESO Distant Cluster Survey (EDisCS). Redshifts, velocity dispersions and substructure for 5 clusters*. Astron. Astrophys., 427, 397. [88]
- Hayashi, E., Navarro, J. F., Power, C., et al. 2004, *The inner structure of Λ CDM haloes - II. Halo mass profiles and low surface brightness galaxy rotation curves*. Mon. Not. R. astr. Soc., 355, 794. [146]
- Gao, L., White, S. D. M., Jenkins, A., Stoehr, F., & Springel, V. 2004, *The subhalo populations of Λ CDM dark haloes*. Mon. Not. R. astr. Soc., 355, 819. [530]
- Scannapieco, S., Tissera, P. B., White, S. D. M., & Springel, V. 2005, *Impact of supernova explosions on galaxy formation*. Boletín de la Asociación Argentina de Astronomía La Plata Argentina, 48, 424. [0]

- Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., et al. 2005, *The Third Data Release of the Sloan Digital Sky Survey*. *Astron. J.*, 129, 1755. [675]
- Zibetti, S., White, S. D. M., Schneider, D. P., & Brinkmann, J. 2005, *Intergalactic stars in $z \sim 0.25$ galaxy clusters: systematic properties from stacking of Sloan Digital Sky Survey imaging data*. *Mon. Not. R. astr. Soc.*, 358, 949. [293]
- Bertone, S., Stoehr, F., & White, S. D. M. 2005, *Semi-analytic simulations of galactic winds: volume filling factor, ejection of metals and parameter study*. *Mon. Not. R. astr. Soc.*, 359, 1201. [55]
- Best, P. N., Kauffmann, G., Heckman, T. M., et al. 2005, *The host galaxies of radio-loud active galactic nuclei: mass dependences, gas cooling and active galactic nuclei feedback*. *Mon. Not. R. astr. Soc.*, 362, 25. [526]
- Gallazzi, A., Charlot, S., Brinchmann, J., White, S. D. M., & Tremonti, C. A. 2005, *The ages and metallicities of galaxies in the local universe*. *Mon. Not. R. astr. Soc.*, 362, 41. [764]
- Gao, L., White, S. D. M., Jenkins, A., Frenk, C. S., & Springel, V. 2005, *Early structure in Λ CDM*. *Mon. Not. R. astr. Soc.*, 363, 379. [105]
- Reed, D. S., Bower, R., Frenk, C. S., et al. 2005, *The first generation of star-forming haloes*. *Mon. Not. R. astr. Soc.*, 363, 393. [55]
- Gao, L., Springel, V., & White, S. D. M. 2005, *The age dependence of halo clustering*. *Mon. Not. R. astr. Soc.*, 363, L66. [487]
- White, S. D. M., Clowe, D. I., Simard, L., et al. 2005, *EDisCS - the ESO distant cluster survey. Sample definition and optical photometry*. *Astron. Astrophys.*, 444, 365. [122]
- Scannapieco, C., Tissera, P. B., White, S. D. M., & Springel, V. 2005, *Feedback and metal enrichment in cosmological smoothed particle hydrodynamics simulations - I. A model for chemical enrichment*. *Mon. Not. R. astr. Soc.*, 364, 552. [173]
- Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., et al. 2006, *The Fourth Data Release of the Sloan Digital Sky Survey*. *Astrophys. J. Suppl.*, 162, 38. [1017]
- Croton, D. J., Springel, V., White, S. D. M., et al. 2006, *The many lives of active galactic nuclei: cooling flows, black holes and the luminosities and colours of galaxies*. *Mon. Not. R. astr. Soc.*, 365, 11. [2848]
- De Lucia, G., Springel, V., White, S. D. M., Croton, D., & Kauffmann, G. 2006, *The formation history of elliptical galaxies*. *Mon. Not. R. astr. Soc.*, 366, 499. [813]
- Kitzbichler, M. G., & White, S. D. M. 2006, *Pure luminosity evolution models: too few massive galaxies at intermediate and high redshift*. *Mon. Not. R. astr. Soc.*, 366, 858. [22]
- Bertone, S., & White, S. D. M. 2006, *How do galactic winds affect the Ly α forest?*. *Mon. Not. R. astr. Soc.*, 367, 247. [17]
- Croton, D. J., Springel, V., White, S. D. M., et al. 2006, *Erratum: The many lives of active galactic nuclei: cooling flows, black holes and the luminosities and colours of galaxies*. *Mon. Not. R. astr. Soc.*, 367, 864. [70]
- Kauffmann, G., Heckman, T. M., De Lucia, G., et al. 2006, *Gas infall and stochastic star formation in galaxies in the local universe*. *Mon. Not. R. astr. Soc.*, 367, 1394. [89]
- Clowe, D., Schneider, P., Aragón-Salamanca, A., et al. 2006, *Weak lensing mass reconstructions of the ESO Distant Cluster Survey*. *Astron. Astrophys.*, 451, 395. [73]

- Poggianti, B. M., von der Linden, A., De Lucia, G., et al. 2006, *The Evolution of the Star Formation Activity in Galaxies and Its Dependence on Environment*. *Astrophys. J.*, 642, 188. [244]
- Li, C., Kauffmann, G., Jing, Y. P., et al. 2006, *The dependence of clustering on galaxy properties*. *Mon. Not. R. astr. Soc.*, 368, 21. [223]
- Li, C., Jing, Y. P., Kauffmann, G., et al. 2006, *The dependence of the pairwise velocity dispersion on galaxy properties*. *Mon. Not. R. astr. Soc.*, 368, 37. [37]
- Shen, S., White, S. D. M., Mo, H. J., et al. 2006, *The soft X-ray properties of quasars in the Sloan Digital Sky Survey*. *Mon. Not. R. astr. Soc.*, 369, 1639. [24]
- Hayashi, E., & White, S. D. M. 2006, *How rare is the bullet cluster?*. *Mon. Not. R. astr. Soc.*, 370, L38. [63]
- White, S., van Roermund, H. L. M., & Harings, M. A. 2006, *EMP chemical age dating of monazites from a complex terrain: The Paleo-Proterozoic of broken hill, Australia*. *Geochimica et Cosmochimica Acta Supplement*, 70, A699. [0]
- Gallazzi, A., Charlot, S., Brinchmann, J., & White, S. D. M. 2006, *Ages and metallicities of early-type galaxies in the Sloan Digital Sky Survey: new insight into the physical origin of the colour-magnitude and the Mg_2 - σ_V relations*. *Mon. Not. R. astr. Soc.*, 370, 1106. [296]
- Loukitcheva, M., Solanki, S. K., & White, S. 2006, *The dynamics of the solar chromosphere: comparison of model predictions with millimeter-interferometer observations*. *Astron. Astrophys.*, 456, 713. [23]
- Scannapieco, C., Tissera, P. B., White, S. D. M., & Springel, V. 2006, *Feedback and metal enrichment in cosmological SPH simulations - II. A multiphase model with supernova energy feedback*. *Mon. Not. R. astr. Soc.*, 371, 1125. [201]
- Johnson, O., Best, P., Zaritsky, D., et al. 2006, *The X-ray properties of optically selected $z > 0.6$ clusters in the European Southern Observatory Distant Cluster Survey*. *Mon. Not. R. astr. Soc.*, 371, 1777. [25]
- Gao, L., & White, S. D. M. 2006, *Asymmetries in the inner regions of Λ CDM haloes*. *Mon. Not. R. astr. Soc.*, 373, 65. [30]
- Li, C., Kauffmann, G., Wang, L., et al. 2006, *The clustering of narrow-line AGN in the local Universe*. *Mon. Not. R. astr. Soc.*, 373, 457. [117]
- De Lucia, G., Poggianti, B. M., Aragón-Salamanca, A., et al. 2007, *The build-up of the colour-magnitude relation in galaxy clusters since $z \sim 0.8$* . *Mon. Not. R. astr. Soc.*, 374, 809. [191]
- Croton, D. J., Gao, L., & White, S. D. M. 2007, *Halo assembly bias and its effects on galaxy clustering*. *Mon. Not. R. astr. Soc.*, 374, 1303. [220]
- Kitzbichler, M. G., & White, S. D. M. 2007, *The high-redshift galaxy population in hierarchical galaxy formation models*. *Mon. Not. R. astr. Soc.*, 376, 2. [226]
- Bone, L., Brown, J. C., Fletcher, L., Veronig, A., & White, S. 2007, *Birth and evolution of a dense coronal loop in a complex flare region*. *Astron. Astrophys.*, 466, 339. [11]
- Kobayashi, C., Springel, V., & White, S. D. M. 2007, *Simulations of Cosmic Chemical Enrichment*. *Mon. Not. R. astr. Soc.*, 376, 1465. [167]
- Gao, L., & White, S. D. M. 2007, *Assembly bias in the clustering of dark matter haloes*. *Mon. Not. R. astr. Soc.*, 377, L5. [261]
- Desai, V., Dalcanton, J. J., Aragón-Salamanca, A., et al. 2007, *The Morphological Content of 10 EDisCS Clusters at $0.5 < z < 0.8$* . *Astrophys. J.*, 660, 1151. [127]

- Sandvik, H. B., Möller, O., Lee, J., & White, S. D. M. 2007, *Why does the clustering of haloes depend on their formation history?*. Mon. Not. R. astr. Soc., 377, 234. [36]
- White, S. D. M. 2007, *Fundamental physics: why Dark Energy is bad for astronomy*. Reports on Progress in Physics, 70, 883. [26]
- Shen, B. S., Mo, H. J., White, S. D. M., et al. 2007, *Erratum: The size distribution of galaxies in the Sloan Digital Sky Survey*. Mon. Not. R. astr. Soc., 379, 400. [6]
- Von Der Linden, A., Best, P. N., Kauffmann, G., & White, S. D. M. 2007, *How special are brightest group and cluster galaxies?*. Mon. Not. R. astr. Soc., 379, 867. [274]
- Scoville, N., Abraham, R. G., Aussel, H., et al. 2007, *COSMOS: Hubble Space Telescope Observations*. Astrophys. J. Suppl., 172, 38. [375]
- McCracken, H. J., Peacock, J. A., Guzzo, L., et al. 2007, *The Angular Correlations of Galaxies in the COSMOS Field*. Astrophys. J. Suppl., 172, 314. [51]
- Wang, J., & White, S. D. M. 2007, *Discreteness effects in simulations of hot/warm dark matter*. Mon. Not. R. astr. Soc., 380, 93. [176]
- Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., et al. 2007, *The Fifth Data Release of the Sloan Digital Sky Survey*. Astrophys. J. Suppl., 172, 634. [635]
- Metcalf, R. B., & White, S. D. M. 2007, *High-resolution imaging of the cosmic mass distribution from gravitational lensing of pre-galactic HI*. Mon. Not. R. astr. Soc., 381, 447. [26]
- Neto, A. F., Gao, L., Bett, P., et al. 2007, *The statistics of Λ CDM halo concentrations*. Mon. Not. R. astr. Soc., 381, 1450. [595]
- Hilbert, S., White, S. D. M., Hartlap, J., & Schneider, P. 2007, *Strong lensing optical depths in a Λ CDM universe*. Mon. Not. R. astr. Soc., 382, 121. [112]
- Hilbert, S., Metcalf, R. B., & White, S. D. M. 2007, *Imaging the cosmic matter distribution using gravitational lensing of pre-galactic HI*. Mon. Not. R. astr. Soc., 382, 1494. [24]
- Sales, L. V., Navarro, J. F., Lambas, D. G., White, S. D. M., & Croton, D. J. 2007, *Satellite galaxies and fossil groups in the Millennium Simulation*. Mon. Not. R. astr. Soc., 382, 1901. [67]
- Evrard, A. E., Bialek, J., Busha, M., et al. 2008, *Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology*. Astrophys. J., 672, 122. [279]
- Gallazzi, A., Brinchmann, J., Charlot, S., & White, S. D. M. 2008, *A census of metals and baryons in stars in the local Universe*. Mon. Not. R. astr. Soc., 383, 1439. [125]
- Guo, Q., & White, S. D. M. 2008, *Galaxy growth in the concordance Λ CDM cosmology*. Mon. Not. R. astr. Soc., 384, 2. [191]
- Wang, J., De Lucia, G., Kitzbichler, M. G., & White, S. D. M. 2008, *The dependence of galaxy formation on cosmological parameters: can we distinguish between the WMAP1 and WMAP3 parameter sets?*. Mon. Not. R. astr. Soc., 384, 1301. [103]
- Li, Y.-S., & White, S. D. M. 2008, *Masses for the Local Group and the Milky Way*. Mon. Not. R. astr. Soc., 384, 1459. [198]
- Vogelsberger, M., White, S. D. M., Helmi, A., & Springel, V. 2008, *The fine-grained phase-space structure of cold dark matter haloes*. Mon. Not. R. astr. Soc., 385, 236. [86]

- Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., et al. 2008, *The Sixth Data Release of the Sloan Digital Sky Survey*. *Astrophys. J. Suppl.*, 175, 297. [1231]
- Li, C., Kauffmann, G., Heckman, T. M., Jing, Y. P., & White, S. D. M. 2008, *Interaction-induced star formation in a complete sample of 10^5 nearby star-forming galaxies*. *Mon. Not. R. astr. Soc.*, 385, 1903. [136]
- Li, C., Kauffmann, G., Heckman, T. M., White, S. D. M., & Jing, Y. P. 2008, *Interactions, star formation and AGN activity*. *Mon. Not. R. astr. Soc.*, 385, 1915. [110]
- Milvang-Jensen, B., Noll, S., Halliday, C., et al. 2008, *Spectroscopy of clusters in the ESO distant cluster survey (EDisCS). II. Redshifts, velocity dispersions, and substructure for clusters in the last 15 fields*. *Astron. Astrophys.*, 482, 419. [78]
- Hilbert, S., White, S. D. M., Hartlap, J., & Schneider, P. 2008, *Strong-lensing optical depths in a Λ CDM universe - II. The influence of the stellar mass in galaxies*. *Mon. Not. R. astr. Soc.*, 386, 1845. [79]
- Gao, L., Navarro, J. F., Cole, S., et al. 2008, *The redshift dependence of the structure of massive Λ cold dark matter haloes*. *Mon. Not. R. astr. Soc.*, 387, 536. [387]
- Klein, E. M., Nunnery, A., Perfit, M. R., Wanless, D., & White, S. 2008, *Relationships between mantle and crust melt distribution and surficial geology and geochemistry at the 9degrees 03'N Overlapping Spreading Center, East Pacific Rise*. *Geochimica et Cosmochimica Acta Supplement*, 72, A478. [0]
- Whiley, I. M., Aragón-Salamanca, A., De Lucia, G., et al. 2008, *The evolution of the brightest cluster galaxies since $z \sim 1$ from the ESO Distant Cluster Survey (EDisCS)*. *Mon. Not. R. astr. Soc.*, 387, 1253. [104]
- Hayashi, E., & White, S. D. M. 2008, *Understanding the halo-mass and galaxy-mass cross-correlation functions*. *Mon. Not. R. astr. Soc.*, 388, 2. [111]
- Wild, V., Kauffmann, G., White, S., et al. 2008, *Narrow associated quasi-stellar object absorbers: clustering, outflows and the line-of-sight proximity effect*. *Mon. Not. R. astr. Soc.*, 388, 227. [87]
- Poggianti, B. M., Desai, V., Finn, R., et al. 2008, *The Relation between Star Formation, Morphology, and Local Density in High-Redshift Clusters and Groups*. *Astrophys. J.*, 684, 888. [121]
- Shen, S., Kauffmann, G., von der Linden, A., White, S. D. M., & Best, P. N. 2008, *Radio-loud active galactic nuclei and the L_X - σ relation of galaxy groups and clusters*. *Mon. Not. R. astr. Soc.*, 389, 1074. [12]
- Scannapieco, C., Tissera, P. B., White, S. D. M., & Springel, V. 2008, *Effects of supernova feedback on the formation of galaxy discs*. *Mon. Not. R. astr. Soc.*, 389, 1137. [203]
- Kitzbichler, M. G., & White, S. D. M. 2008, *A calibration of the relation between the abundance of close galaxy pairs and the rate of galaxy mergers*. *Mon. Not. R. astr. Soc.*, 391, 1489. [147]
- Springel, V., Wang, J., Vogelsberger, M., et al. 2008, *The Aquarius Project: the subhaloes of galactic haloes*. *Mon. Not. R. astr. Soc.*, 391, 1685. [1406]
- White, S. D. M., & Vogelsberger, M. 2009, *Dark matter caustics*. *Mon. Not. R. astr. Soc.*, 392, 281. [26]
- Faltenbacher, A., Li, C., White, S. D. M., et al. 2009, *Alignment between galaxies and large-scale structure*. *Research in Astronomy and Astrophysics*, 9, 41. [83]
- Bartelmann, M., Bennett, C. L., Burigana, C., et al. 2009, *Fundamental Cosmological Observations and Data Interpretation*. *Questions of Modern Cosmology: Galileo's Legacy*, 7. [3]

- Burigana, C., Capozziello, S., Chiosi, C., et al. 2009, *From Galileo to Modern Cosmology: Alternative Paradigms and Science Boundary Conditions*. Questions of Modern Cosmology: Galileo's Legacy, 301. [1]
- Bartelmann, M., Bennett, C. L., Bucher, M., et al. 2009, *Next Challenges*. Questions of Modern Cosmology: Galileo's Legacy, 429. [0]
- Mandelbaum, R., Li, C., Kauffmann, G., & White, S. D. M. 2009, *Halo masses for optically selected and for radio-loud AGN from clustering and galaxy-galaxy lensing*. Mon. Not. R. astr. Soc., 393, 377. [84]
- Poggianti, B. M., Aragón-Salamanca, A., Zaritsky, D., et al. 2009, *The Environments of Starburst and Post-Starburst Galaxies at $z = 0.4-0.8$* . Astrophys. J., 693, 112. [124]
- Cimatti, A., Robberto, M., Baugh, C., et al. 2009, *SPACE: the spectroscopic all-sky cosmic explorer*. Experimental Astronomy, 23, 39. [60]
- Barazza, F. D., Jablonka, P., Desai, V., et al. 2009, *Frequency and properties of bars in cluster and field galaxies at intermediate redshifts*. Astron. Astrophys., 497, 713. [40]
- Metcalf, R. B., & White, S. D. M. 2009, *Cosmological information in the gravitational lensing of pre-galactic HI*. Mon. Not. R. astr. Soc., 394, 704. [23]
- Hilbert, S., Hartlap, J., White, S. D. M., & Schneider, P. 2009, *Ray-tracing through the Millennium Simulation: Born corrections and lens-lens coupling in cosmic shear and galaxy-galaxy lensing*. Astron. Astrophys., 499, 31. [243]
- Sánchez-Blázquez, P., Jablonka, P., Noll, S., et al. 2009, *Evolution of red-sequence cluster galaxies from redshift 0.8 to 0.4: ages, metallicities, and morphologies*. Astron. Astrophys., 499, 47. [78]
- Vogelsberger, M., Helmi, A., Springel, V., et al. 2009, *Phase-space structure in the local dark matter distribution and its signature in direct detection experiments*. Mon. Not. R. astr. Soc., 395, 797. [225]
- Abazajian, K. N., Adelman-McCarthy, J. K., Agüeros, M. A., et al. 2009, *The Seventh Data Release of the Sloan Digital Sky Survey*. Astrophys. J. Suppl., 182, 543. [4076]
- Guo, Q., & White, S. D. M. 2009, *High-redshift galaxy populations and their descendants*. Mon. Not. R. astr. Soc., 396, 39. [42]
- Bonoli, S., Marulli, F., Springel, V., et al. 2009, *Modelling the cosmological co-evolution of supermassive black holes and galaxies - II. The clustering of quasars and their dark environment*. Mon. Not. R. astr. Soc., 396, 423. [87]
- Scannapieco, C., White, S. D. M., Springel, V., & Tissera, P. B. 2009, *The formation and survival of discs in a Λ CDM universe*. Mon. Not. R. astr. Soc., 396, 696. [220]
- Wang, J., & White, S. D. M. 2009, *Are mergers responsible for universal halo properties?*. Mon. Not. R. astr. Soc., 396, 709. [60]
- Rudnick, G., von der Linden, A., Pelló, R., et al. 2009, *The Rest-frame Optical Luminosity Function of Cluster Galaxies at $z < 0.8$ and the Assembly of the Cluster Red Sequence*. Astrophys. J., 700, 1559. [95]
- Boylan-Kolchin, M., Springel, V., White, S. D. M., Jenkins, A., & Lemson, G. 2009, *Resolving cosmic structure formation with the Millennium-II Simulation*. Mon. Not. R. astr. Soc., 398, 1150. [693]
- Xu, D. D., Mao, S., Wang, J., et al. 2009, *Effects of dark matter substructures on gravitational lensing: results from the Aquarius simulations*. Mon. Not. R. astr. Soc., 398, 1235. [96]

- Li, C., & White, S. D. M. 2009, *The distribution of stellar mass in the low-redshift Universe*. Mon. Not. R. astr. Soc., 398, 2177. [295]
- Crain, R. A., Theuns, T., Dalla Vecchia, C., et al. 2009, *Galaxies-intergalactic medium interaction calculation - I. Galaxy formation as a function of large-scale environment*. Mon. Not. R. astr. Soc., 399, 1773. [221]
- Kitaura, F. S., Jasche, J., Li, C., et al. 2009, *Cosmic cartography of the large-scale structure with Sloan Digital Sky Survey data release 6*. Mon. Not. R. astr. Soc., 400, 183. [61]
- Simard, L., Clowe, D., Desai, V., et al. 2009, *Evolution of the early-type galaxy fraction in clusters since $z = 0.8$* . Astron. Astrophys., 508, 1141. [45]
- Pelló, R., Rudnick, G., De Lucia, G., et al. 2009, *Photometric redshifts and cluster tomography in the ESO Distant Cluster Survey*. Astron. Astrophys., 508, 1173. [44]
- Vogelsberger, M., White, S. D. M., Mohayaee, R., & Springel, V. 2009, *Caustics in growing cold dark matter haloes*. Mon. Not. R. astr. Soc., 400, 2174. [45]
- Faltenbacher, A., & White, S. D. M. 2010, *Assembly Bias and the Dynamical Structure of Dark Matter Halos*. Astrophys. J., 708, 469. [94]
- Angulo, R. E., & White, S. D. M. 2010, *The birth and growth of neutralino haloes*. Mon. Not. R. astr. Soc., 401, 1796. [50]
- Navarro, J. F., Ludlow, A., Springel, V., et al. 2010, *The diversity and similarity of simulated cold dark matter haloes*. Mon. Not. R. astr. Soc., 402, 21. [726]
- Sawala, T., Scannapieco, C., Maio, U., & White, S. 2010, *Formation of isolated dwarf galaxies with feedback*. Mon. Not. R. astr. Soc., 402, 1599. [121]
- Gao, L., Theuns, T., Frenk, C. S., et al. 2010, *The earliest stars and their relics in the Milky Way*. Mon. Not. R. astr. Soc., 403, 1283. [34]
- Zavala, J., Vogelsberger, M., & White, S. D. M. 2010, *Relic density and CMB constraints on dark matter annihilation with Sommerfeld enhancement*. Phys. Rev. D, 81, 083502. [79]
- Bonoli, S., Shankar, F., White, S. D. M., Springel, V., & Wyithe, J. S. B. 2010, *On merger bias and the clustering of quasars*. Mon. Not. R. astr. Soc., 404, 399. [24]
- Hilbert, S., & White, S. D. M. 2010, *Abundances, masses and weak-lensing mass profiles of galaxy clusters as a function of richness and luminosity in Λ CDM cosmologies*. Mon. Not. R. astr. Soc., 404, 486. [41]
- Guo, Q., White, S., Li, C., & Boylan-Kolchin, M. 2010, *How do galaxies populate dark matter haloes?*. Mon. Not. R. astr. Soc., 404, 1111. [663]
- von der Linden, A., Wild, V., Kauffmann, G., White, S. D. M., & Weinmann, S. 2010, *Star formation and AGN activity in SDSS cluster galaxies*. Mon. Not. R. astr. Soc., 404, 1231. [191]
- Angulo, R. E., & White, S. D. M. 2010, *One simulation to fit them all - changing the background parameters of a cosmological N-body simulation*. Mon. Not. R. astr. Soc., 405, 143. [137]
- Poggianti, B. M., De Lucia, G., Varela, J., et al. 2010, *The evolution of the density of galaxy clusters and groups: denser environments at higher redshifts*. Mon. Not. R. astr. Soc., 405, 995. [32]
- Ludlow, A. D., Navarro, J. F., Springel, V., et al. 2010, *Secondary infall and the pseudo-phase-space density profiles of cold dark matter haloes*. Mon. Not. R. astr. Soc., 406, 137. [57]

- Cooper, A. P., Cole, S., Frenk, C. S., et al. 2010, *Galactic stellar haloes in the CDM model*. Mon. Not. R. astr. Soc., 406, 744. [426]
- Boylan-Kolchin, M., Springel, V., White, S. D. M., & Jenkins, A. 2010, *There's no place like home? Statistics of Milky Way-mass dark matter haloes*. Mon. Not. R. astr. Soc., 406, 896. [207]
- Tissera, P. B., White, S. D. M., Pedrosa, S., & Scannapieco, C. 2010, *Dark matter response to galaxy formation*. Mon. Not. R. astr. Soc., 406, 922. [147]
- Tauber, J. A., Mandolesi, N., Puget, J.-L., et al. 2010, *Planck pre-launch status: The Planck mission*. Astron. Astrophys., 520, A1. [269]
- Mandolesi, N., Bersanelli, M., Butler, R. C., et al. 2010, *Planck pre-launch status: The Planck-LFI programme*. Astron. Astrophys., 520, A3. [93]
- Li, C., & White, S. D. M. 2010, *Autocorrelations of stellar light and mass in the low-redshift Universe*. Mon. Not. R. astr. Soc., 407, 515. [7]
- Scannapieco, C., Gadotti, D. A., Jonsson, P., & White, S. D. M. 2010, *An observer's view of simulated galaxies: disc-to-total ratios, bars and (pseudo-)bulges*. Mon. Not. R. astr. Soc., 407, L41. [102]
- Strigari, L. E., Frenk, C. S., & White, S. D. M. 2010, *Kinematics of Milky Way satellites in a Lambda cold dark matter universe*. Mon. Not. R. astr. Soc., 408, 2364. [117]
- Saglia, R. P., Sánchez-Blázquez, P., Bender, R., et al. 2010, *The fundamental plane of EDisCS galaxies. The effect of size evolution*. Astron. Astrophys., 524, A6. [85]
- Gao, L., Frenk, C. S., Boylan-Kolchin, M., et al. 2011, *The statistics of the subhalo abundance of dark matter haloes*. Mon. Not. R. astr. Soc., 410, 2309. [75]
- Aihara, H., Allende Prieto, C., An, D., et al. 2011, *The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III*. Astrophys. J. Suppl., 193, 29. [1098]
- Helmi, A., Cooper, A. P., White, S. D. M., et al. 2011, *Substructure in the Stellar Halos of the Aquarius Simulations*. Astrophys. J. Lett., 733, L7. [65]
- Guo, Q., White, S., Boylan-Kolchin, M., et al. 2011, *From dwarf spheroidals to cD galaxies: simulating the galaxy population in a LambdaCDM cosmology*. Mon. Not. R. astr. Soc., 413, 101. [878]
- Sawala, T., Guo, Q., Scannapieco, C., Jenkins, A., & White, S. 2011, *What is the (dark) matter with dwarf galaxies?*. Mon. Not. R. astr. Soc., 413, 659. [85]
- Wang, J., Navarro, J. F., Frenk, C. S., et al. 2011, *Assembly history and structure of galactic cold dark matter haloes*. Mon. Not. R. astr. Soc., 413, 1373. [110]
- Vogelsberger, M., & White, S. D. M. 2011, *Streams and caustics: the fine-grained structure of Lambda cold dark matter haloes*. Mon. Not. R. astr. Soc., 413, 1419. [91]
- Tasca, L. A. M., & White, S. D. M. 2011, *Quantitative morphology of galaxies from the SDSS. I. Luminosity in bulges and discs*. Astron. Astrophys., 530, A106. [48]
- Vogelsberger, M., Mohayaee, R., & White, S. D. M. 2011, *Non-spherical similarity solutions for dark halo formation*. Mon. Not. R. astr. Soc., 414, 3044. [27]
- Greif, T. H., White, S. D. M., Klessen, R. S., & Springel, V. 2011, *The Delay of Population III Star Formation by Supersonic Streaming Velocities*. Astrophys. J., 736, 147. [117]
- Greif, T. H., Springel, V., White, S. D. M., et al. 2011, *Simulations on a Moving Mesh: The Clustered Formation of Population III Protostars*. Astrophys. J., 737, 75. [348]

- Aihara, H., Allende Prieto, C., An, D., et al. 2011, *Erratum: "The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III"* [jA href="/abs/2011ApJS..193...29A"](/abs/2011ApJS..193...29A) (2011, *ApJS*, 193, 29)/A \dot{z} . *Astrophys. J. Suppl.*, 195, 26. [52]
- Maciejewski, M., Vogelsberger, M., White, S. D. M., & Springel, V. 2011, *Bound and unbound substructures in Galaxy-scale dark matter haloes*. *Mon. Not. R. astr. Soc.*, 415, 2475. [34]
- Ludlow, A. D., Navarro, J. F., White, S. D. M., et al. 2011, *The density and pseudo-phase-space density profiles of cold dark matter haloes*. *Mon. Not. R. astr. Soc.*, 415, 3895. [59]
- Eisenstein, D. J., Weinberg, D. H., Agol, E., et al. 2011, *SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems*. *Astron. J.*, 142, 72. [1539]
- Vera-Ciro, C. A., Sales, L. V., Helmi, A., et al. 2011, *The shape of dark matter haloes in the Aquarius simulations: evolution and memory*. *Mon. Not. R. astr. Soc.*, 416, 1377. [124]
- Scannapieco, C., White, S. D. M., Springel, V., & Tissera, P. B. 2011, *Formation history, structure and dynamics of discs and spheroids in simulated Milky Way mass galaxies*. *Mon. Not. R. astr. Soc.*, 417, 154. [74]
- Font, A. S., Benson, A. J., Bower, R. G., et al. 2011, *The population of Milky Way satellites in the Λ cold dark matter cosmology*. *Mon. Not. R. astr. Soc.*, 417, 1260. [125]
- Sales, L. V., Navarro, J. F., Cooper, A. P., et al. 2011, *Clues to the 'Magellanic Galaxy' from cosmological simulations*. *Mon. Not. R. astr. Soc.*, 418, 648. [61]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2011, *Planck early results. I. The Planck mission*. *Astron. Astrophys.*, 536, A1. [416]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2011, *Planck early results. II. The thermal performance of Planck*. *Astron. Astrophys.*, 536, A2. [82]
- Mennella, A., Bersanelli, M., Butler, R. C., et al. 2011, *Planck early results. III. First assessment of the Low Frequency Instrument in-flight performance*. *Astron. Astrophys.*, 536, A3. [119]
- Planck HFI Core Team, Ade, P. A. R., Aghanim, N., Ansari, et al. 2011, *Planck early results. IV. First assessment of the High Frequency Instrument in-flight performance*. *Astron. Astrophys.*, 536, A4. [140]
- Zacchei, A., Maino, D., Baccigalupi, C., et al. 2011, *Planck early results. V. The Low Frequency Instrument data processing*. *Astron. Astrophys.*, 536, A5. [78]
- Planck HFI Core Team, Ade, P. A. R., Aghanim, N., Ansari, et al. 2011, *Planck early results. VI. The High Frequency Instrument data processing*. *Astron. Astrophys.*, 536, A6. [127]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2011, *Planck early results. VII. The Early Release Compact Source Catalogue*. *Astron. Astrophys.*, 536, A7. [251]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2011, *Planck early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample*. *Astron. Astrophys.*, 536, A8. [345]
- Planck Collaboration, Aghanim, N., Arnaud, M., Ashdown, et al. 2011, *Planck early results. IX. XMM-Newton follow-up for validation of Planck cluster candidates*. *Astron. Astrophys.*, 536, A9. [132]
- Planck Collaboration, Aghanim, N., Arnaud, M., Ashdown, et al. 2011, *Planck early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters*. *Astron. Astrophys.*, 536, A10. [144]

- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2011, *Planck early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations*. *Astron. Astrophys.*, 536, A11. [184]
- Planck Collaboration, Aghanim, N., Arnaud, M., Ashdown, et al. 2011, *Planck early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations*. *Astron. Astrophys.*, 536, A12. [112]
- Planck Collaboration, Aghanim, N., Arnaud, M., Ashdown, et al. 2011, *Planck early results. XXVI. Detection with Planck and confirmation by XMM-Newton of PLCK G266.6-27.3, an exceptionally X-ray luminous and massive galaxy cluster at $z \sim 1$* . *Astron. Astrophys.*, 536, A26. [70]
- Li, C., White, S. D. M., Chen, Y., et al. 2012, *Autocorrelations of stellar light and mass at $z \sim 0$ and ~ 1 : from SDSS to DEEP2*. *Mon. Not. R. astr. Soc.*, 419, 1557. [15]
- Gao, L., Frenk, C. S., Jenkins, A., Springel, V., & White, S. D. M. 2012, *Where will supersymmetric dark matter first be seen?*. *Mon. Not. R. astr. Soc.*, 419, 1721. [111]
- Tissera, P. B., White, S. D. M., & Scannapieco, C. 2012, *Chemical signatures of formation processes in the stellar populations of simulated galaxies*. *Mon. Not. R. astr. Soc.*, 420, 255. [123]
- Sawala, T., Scannapieco, C., & White, S. 2012, *Local Group dwarf galaxies: nature and nurture*. *Mon. Not. R. astr. Soc.*, 420, 1714. [48]
- Lovell, M. R., Eke, V., Frenk, C. S., et al. 2012, *The haloes of bright satellite galaxies in a warm dark matter universe*. *Mon. Not. R. astr. Soc.*, 420, 2318. [307]
- Chen, Y.-M., Kauffmann, G., Tremonti, C. A., et al. 2012, *Evolution of the most massive galaxies to $z = 0.6$ - I. A new method for physical parameter estimation*. *Mon. Not. R. astr. Soc.*, 421, 314. [129]
- Henriques, B. M. B., White, S. D. M., Lemson, G., et al. 2012, *Confronting theoretical models with the observed evolution of the galaxy population out to $z = 4$* . *Mon. Not. R. astr. Soc.*, 421, 2904. [116]
- Sales, L. V., Navarro, J. F., Theuns, T., et al. 2012, *The origin of discs and spheroids in simulated galaxies*. *Mon. Not. R. astr. Soc.*, 423, 1544. [187]
- Scannapieco, C., Wadepuhl, M., Parry, O. H., et al. 2012, *The Aquila comparison project: the effects of feedback and numerical methods on simulations of galaxy formation*. *Mon. Not. R. astr. Soc.*, 423, 1726. [383]
- Planck Collaboration, Aghanim, N., Arnaud, M., Ashdown, et al. 2012, *Planck intermediate results. I. Further validation of new Planck clusters with XMM-Newton*. *Astron. Astrophys.*, 543, A102. [51]
- Laporte, C. F. P., White, S. D. M., Naab, T., Ruzkowsky, M., & Springel, V. 2012, *Shallow dark matter cusps in galaxy clusters*. *Mon. Not. R. astr. Soc.*, 424, 747. [43]
- Wang, W., & White, S. D. M. 2012, *Satellite abundances around bright isolated galaxies*. *Mon. Not. R. astr. Soc.*, 424, 2574. [96]
- van Daalen, M. P., Angulo, R. E., & White, S. D. M. 2012, *The effects of halo alignment and shape on the clustering of galaxies*. *Mon. Not. R. astr. Soc.*, 424, 2954. [21]
- Gao, L., Navarro, J. F., Frenk, C. S., et al. 2012, *The Phoenix Project: the dark side of rich Galaxy clusters*. *Mon. Not. R. astr. Soc.*, 425, 2169. [150]
- Frenk, C. S., & White, S. D. M. 2012, *Dark matter and cosmic structure*. *Annalen der Physik*, 524, 507. [238]
- Angulo, R. E., Springel, V., White, S. D. M., et al. 2012, *The journey of QSO haloes from $z \sim 6$ to the present*. *Mon. Not. R. astr. Soc.*, 425, 2722. [34]

- DeBuhr, J., Ma, C.-P., & White, S. D. M. 2012, *Stellar discs in Aquarius dark matter haloes*. Mon. Not. R. astr. Soc., 426, 983. [26]
- de Gasperin, F., Orrú, E., Murgia, M., et al. 2012, *M 87 at metre wavelengths: the LOFAR picture*. Astron. Astrophys., 547, A56. [72]
- Angulo, R. E., Springel, V., White, S. D. M., et al. 2012, *Scaling relations for galaxy clusters in the Millennium-XXL simulation*. Mon. Not. R. astr. Soc., 426, 2046. [337]
- Taylor, G. B., Ellingson, S. W., Kassim, N. E., et al. 2012, *First Light for the First Station of the Long Wavelength Array*. Journal of Astronomical Instrumentation, 1, 1250004-284. [86]
- Han, J., Frenk, C. S., Eke, V. R., et al. 2012, *Constraining extended gamma-ray emission from galaxy clusters*. Mon. Not. R. astr. Soc., 427, 1651. [64]
- Sales, L. V., Wang, W., White, S. D. M., & Navarro, J. F. 2013, *Satellites and haloes of dwarf galaxies*. Mon. Not. R. astr. Soc., 428, 573. [45]
- Overzier, R., Lemson, G., Angulo, R. E., et al. 2013, *The Millennium Run Observatory: first light*. Mon. Not. R. astr. Soc., 428, 778. [41]
- Aumer, M., & White, S. D. M. 2013, *Idealized models for galactic disc formation and evolution in 'realistic' Λ CDM haloes*. Mon. Not. R. astr. Soc., 428, 1055. [56]
- Guo, Q., White, S., Angulo, R. E., et al. 2013, *Galaxy formation in WMAP1 and WMAP7 cosmologies*. Mon. Not. R. astr. Soc., 428, 1351. [245]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. III. The relation between galaxy cluster mass and Sunyaev-Zeldovich signal*. Astron. Astrophys., 550, A129. [66]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. IV. The XMM-Newton validation programme for new Planck galaxy clusters*. Astron. Astrophys., 550, A130. [43]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect*. Astron. Astrophys., 550, A131. [246]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. VIII. Filaments between interacting clusters*. Astron. Astrophys., 550, A134. [77]
- Moster, B. P., Naab, T., & White, S. D. M. 2013, *Galactic star formation and accretion histories from matching galaxies to dark matter haloes*. Mon. Not. R. astr. Soc., 428, 3121. [925]
- Starkenbug, E., Helmi, A., De Lucia, G., et al. 2013, *The satellites of the Milky Way - insights from semi-analytic modelling in a Λ CDM cosmology*. Mon. Not. R. astr. Soc., 429, 725. [65]
- Chen, Y.-M., Kauffmann, G., Heckman, T. M., et al. 2013, *Evolution of the most massive galaxies to $z \sim 0.6$ - II. The link between radio AGN activity and star formation*. Mon. Not. R. astr. Soc., 429, 2643. [15]
- Rau, S., Vegetti, S., & White, S. D. M. 2013, *The effect of particle noise in N-body simulations of gravitational lensing*. Mon. Not. R. astr. Soc., 430, 2232. [7]
- Yan, H., Fan, Z., & White, S. D. M. 2013, *The dependence of galaxy properties on the large-scale tidal environment*. Mon. Not. R. astr. Soc., 430, 3432. [24]

- Scoville, N., Arnouts, S., Aussel, H., et al. 2013, *Evolution of Galaxies and Their Environments at $z = 0.1-3$ in COSMOS*. *Astrophys. J. Suppl.*, 206, 3. [131]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. X. Physics of the hot gas in the Coma cluster*. *Astron. Astrophys.*, 554, A140. [90]
- Henriques, B. M. B., White, S. D. M., Thomas, P. A., et al. 2013, *Simulations of the galaxy population constrained by observations from $z = 3$ to the present day: implications for galactic winds and the fate of their ejecta*. *Mon. Not. R. astr. Soc.*, 431, 3373. [189]
- Ludlow, A. D., Navarro, J. F., Boylan-Kolchin, M., et al. 2013, *The mass profile and accretion history of cold dark matter haloes*. *Mon. Not. R. astr. Soc.*, 432, 1103. [137]
- Brinchmann, J., Charlot, S., Kauffmann, G., et al. 2013, *Estimating gas masses and dust-to-gas ratios from optical spectroscopy*. *Mon. Not. R. astr. Soc.*, 432, 2112. [44]
- van Haarlem, M. P., Wise, M. W., Gunst, A. W., et al. 2013, *LOFAR: The LOw-Frequency ARray*. *Astron. Astrophys.*, 556, A2. [1272]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Planck intermediate results. XI. The gas content of dark matter halos: the Sunyaev-Zeldovich-stellar mass relation for locally brightest galaxies*. *Astron. Astrophys.*, 557, A52. [129]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2013, *Erratum: Planck intermediate results (Corrigendum). V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect*. *Astron. Astrophys.*, 558, C2. [2]
- Aumer, M., White, S. D. M., Naab, T., & Scannapieco, C. 2013, *Towards a more realistic population of bright spiral galaxies in cosmological simulations*. *Mon. Not. R. astr. Soc.*, 434, 3142. [217]
- Cooper, A. P., D'Souza, R., Kauffmann, G., et al. 2013, *Galactic accretion and the outer structure of galaxies in the CDM model*. *Mon. Not. R. astr. Soc.*, 434, 3348. [145]
- Guo, Q., White, S., Boylan-Kolchin, M., et al. 2013, *Erratum: From dwarf spheroidals to cD galaxies: simulating the galaxy population in a Λ CDM cosmology*. *Mon. Not. R. astr. Soc.*, 435, 897. [9]
- Laporte, C. F. P., White, S. D. M., Naab, T., & Gao, L. 2013, *The growth in size and mass of cluster galaxies since $z = 2$* . *Mon. Not. R. astr. Soc.*, 435, 901. [86]
- Pandey, B., White, S. D. M., Springel, V., & Angulo, R. E. 2013, *Exploring the non-linear density field in the Millennium Simulations with tessellations - I. The probability distribution function*. *Mon. Not. R. astr. Soc.*, 435, 2968. [12]
- Yates, R. M., Henriques, B., Thomas, P. A., et al. 2013, *Modelling element abundances in semi-analytic models of galaxy formation*. *Mon. Not. R. astr. Soc.*, 435, 3500. [75]
- Gómez, F. A., Helmi, A., Cooper, A. P., et al. 2013, *Streams in the Aquarius stellar haloes*. *Mon. Not. R. astr. Soc.*, 436, 3602. [36]
- Aad, G., Abajyan, T., Abbott, B., et al. 2014, *Search for Dark Matter in Events with a Hadronically Decaying W or Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector*. *Phys. Rev. Lett.*, 112, 041802. [76]
- Guo, Q., & White, S. 2014, *Numerical resolution limits on subhalo abundance matching*. *Mon. Not. R. astr. Soc.*, 437, 3228. [42]
- Ahn, C. P., Alexandroff, R., Allende Prieto, C., et al. 2014, *The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment*. *Astrophys. J. Suppl.*, 211, 17. [824]

- Ludlow, A. D., Navarro, J. F., Angulo, R. E., et al. 2014, *The mass-concentration-redshift relation of cold dark matter haloes*. Mon. Not. R. astr. Soc., 441, 378. [172]
- Aumer, M., White, S. D. M., & Naab, T. 2014, *The diverse formation histories of simulated disc galaxies*. Mon. Not. R. astr. Soc., 441, 3679. [33]
- Wang, W., Sales, L. V., Henriques, B. M. B., & White, S. D. M. 2014, *Satellite abundances around bright isolated galaxies - II. Radial distribution and environmental effects*. Mon. Not. R. astr. Soc., 442, 1363. [65]
- Angulo, R. E., White, S. D. M., Springel, V., & Henriques, B. 2014, *Galaxy formation on the largest scales: the impact of astrophysics on the baryonic acoustic oscillation peak*. Mon. Not. R. astr. Soc., 442, 2131. [27]
- Rau, S., Vegetti, S., & White, S. D. M. 2014, *Lensing model of MACS J1149.5+2223 - I. Cluster mass reconstruction*. Mon. Not. R. astr. Soc., 443, 957. [19]
- Übler, H., Naab, T., Oser, L., et al. 2014, *Why stellar feedback promotes disc formation in simulated galaxies*. Mon. Not. R. astr. Soc., 443, 2092. [84]
- Li, M., Angulo, R. E., White, S. D. M., & Jasche, J. 2014, *Matched filter optimization of kSZ measurements with a reconstructed cosmological flow field*. Mon. Not. R. astr. Soc., 443, 2311. [28]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Alves, et al. 2014, *Planck 2013 results. I. Overview of products and scientific results*. Astron. Astrophys., 571, A1. [1385]
- Planck Collaboration, Aghanim, N., Armitage-Caplan, C., Arnaud, et al. 2014, *Planck 2013 results. II. Low Frequency Instrument data processing*. Astron. Astrophys., 571, A2. [69]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. VI. High Frequency Instrument data processing*. Astron. Astrophys., 571, A6. [108]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XV. CMB power spectra and likelihood*. Astron. Astrophys., 571, A15. [610]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XVI. Cosmological parameters*. Astron. Astrophys., 571, A16. [7067]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XVII. Gravitational lensing by large-scale structure*. Astron. Astrophys., 571, A17. [357]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XVIII. The gravitational lensing-infrared background correlation*. Astron. Astrophys., 571, A18. [125]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts*. Astron. Astrophys., 571, A20. [535]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XXI. Power spectrum and high-order statistics of the Planck all-sky Compton parameter map*. Astron. Astrophys., 571, A21. [150]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XXIV. Constraints on primordial non-Gaussianity*. Astron. Astrophys., 571, A24. [712]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources*. Astron. Astrophys., 571, A29. [389]

- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2014, *Planck 2013 results. XXX. Cosmic infrared background measurements and implications for star formation*. *Astron. Astrophys.*, 571, A30. [196]
- Planck Collaboration, Ade, P. A. R., Arnaud, M., Ashdown, et al. 2014, *Planck 2013 results. XXXI. Consistency of the Planck data*. *Astron. Astrophys.*, 571, A31. [69]
- De Lucia, G., Tornatore, L., Frenk, C. S., et al. 2014, *Elemental abundances in Milky Way-like galaxies from a hierarchical galaxy formation model*. *Mon. Not. R. astr. Soc.*, 445, 970. [53]
- Schaye, J., Crain, R. A., Bower, R. G., et al. 2015, *The EAGLE project: simulating the evolution and assembly of galaxies and their environments*. *Mon. Not. R. astr. Soc.*, 446, 521. [1859]
- Moldón, J., Deller, A. T., Wucknitz, O., et al. 2015, *The LOFAR long baseline snapshot calibrator survey*. *Astron. Astrophys.*, 574, A73. [17]
- De Lucia, G., Tornatore, L., Frenk, C. S., et al. 2015, *Erratum: elemental abundances in Milky Way-like galaxies from a hierarchical galaxy formation model*. *Mon. Not. R. astr. Soc.*, 447, 3420. [1]
- BICEP2/Keck Collaboration, Planck Collaboration, Ade, P. A. R., Aghanim, N., et al. 2015, *Joint Analysis of BICEP2/Keck Array and Planck Data*. *Phys. Rev. Lett*, 114, 101301. [822]
- Jarvis, M., Seymour, N., Afonso, J., et al. 2015, *The star-formation history of the Universe with the SKA*. *Advancing Astrophysics with the Square Kilometre Array (AASKA14)*, 68. [13]
- McAlpine, K., Prandoni, I., Jarvis, M., et al. 2015, *The SKA view of the Interplay between SF and AGN Activity and its role in Galaxy Evolution*. *Advancing Astrophysics with the Square Kilometre Array (AASKA14)*, 83. [21]
- Frayser, D. T., Maddalena, R. J., Meijer, M., et al. 2015, *The GBT 67-93.6 GHz Spectral Line Survey of Orion-KL*. *Astron. J.*, 149, 162. [6]
- Anderson, M. E., Gaspari, M., White, S. D. M., Wang, W., & Dai, X. 2015, *Unifying X-ray scaling relations from galaxies to clusters*. *Mon. Not. R. astr. Soc.*, 449, 3806. [90]
- Crain, R. A., Schaye, J., Bower, R. G., et al. 2015, *The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations*. *Mon. Not. R. astr. Soc.*, 450, 1937. [730]
- Rybak, M., McKean, J. P., Vegetti, S., Andreani, P., & White, S. D. M. 2015, *ALMA imaging of SDP.81 - I. A pixelated reconstruction of the far-infrared continuum emission..* *Mon. Not. R. astr. Soc.*, 451, L40. [52]
- Laporte, C. F. P., & White, S. D. M. 2015, *The redistribution of matter in the cores of galaxy clusters*. *Mon. Not. R. astr. Soc.*, 451, 1177. [44]
- Henriques, B. M. B., White, S. D. M., Thomas, P. A., et al. 2015, *Galaxy formation in the Planck cosmology - I. Matching the observed evolution of star formation rates, colours and stellar masses*. *Mon. Not. R. astr. Soc.*, 451, 2663. [386]
- Cooper, A. P., Gao, L., Guo, Q., et al. 2015, *Surface photometry of brightest cluster galaxies and intracluster stars in Λ CDM*. *Mon. Not. R. astr. Soc.*, 451, 2703. [60]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Armitage-Caplan, et al. 2015, *Planck 2013 results. XXXII. The updated Planck catalogue of Sunyaev-Zeldovich sources*. *Astron. Astrophys.*, 581, A14. [84]
- Oman, K. A., Navarro, J. F., Fattahi, A., et al. 2015, *The unexpected diversity of dwarf galaxy rotation curves*. *Mon. Not. R. astr. Soc.*, 452, 3650. [225]

- Rybak, M., Vegetti, S., McKean, J. P., Andreani, P., & White, S. D. M. 2015, *ALMA imaging of SDP.81 - II. A pixelated reconstruction of the CO emission lines*. Mon. Not. R. astr. Soc., 453, L26. [37]
- Planck Collaboration, Adam, R., Ade, P. A. R., Aghanim, et al. 2016, *Planck intermediate results. XXX. The angular power spectrum of polarized dust emission at intermediate and high Galactic latitudes*. Astron. Astrophys., 586, A133. [378]
- Wang, W., White, S. D. M., Mandelbaum, R., et al. 2016, *A weak gravitational lensing recalibration of the scaling relations linking the gas properties of dark haloes to their mass*. Mon. Not. R. astr. Soc., 456, 2301. [25]
- Gómez, F. A., White, S. D. M., Marinacci, F., et al. 2016, *A fully cosmological model of a Monoceros-like ring*. Mon. Not. R. astr. Soc., 456, 2779. [59]
- McAlpine, S., Helly, J. C., Schaller, M., et al. 2016, *The EAGLE simulations of galaxy formation: Public release of halo and galaxy catalogues*. Astronomy and Computing, 15, 72. [289]
- Sawala, T., Frenk, C. S., Fattahi, A., et al. 2016, *The APOSTLE simulations: solutions to the Local Group's cosmic puzzles*. Mon. Not. R. astr. Soc., 457, 1931. [367]
- Mandelbaum, R., Wang, W., Zu, Y., et al. 2016, *Strong bimodality in the host halo mass of central galaxies from galaxy-galaxy lensing*. Mon. Not. R. astr. Soc., 457, 3200. [98]
- van Daalen, M. P., Henriques, B. M. B., Angulo, R. E., & White, S. D. M. 2016, *The galaxy correlation function as a constraint on galaxy formation physics*. Mon. Not. R. astr. Soc., 458, 934. [15]
- Terrazas, B. A., Bell, E. F., Henriques, B. M. B., & White, S. D. M. 2016, *The diversity of growth histories of Milky Way-mass galaxies*. Mon. Not. R. astr. Soc., 459, 1929. [16]
- Oman, K. A., Navarro, J. F., Sales, L. V., et al. 2016, *Missing dark matter in dwarf galaxies?*. Mon. Not. R. astr. Soc., 460, 3610. [57]
- Planck Collaboration, Adam, R., Ade, P. A. R., Aghanim, et al. 2016, *Planck 2015 results. I. Overview of products and scientific results*. Astron. Astrophys., 594, A1. [927]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2016, *Planck 2015 results. XIII. Cosmological parameters*. Astron. Astrophys., 594, A13. [9691]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2016, *Planck 2015 results. XXIV. Cosmology from Sunyaev-Zeldovich cluster counts*. Astron. Astrophys., 594, A24. [540]
- Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, et al. 2016, *Planck 2015 results. XXVII. The second Planck catalogue of Sunyaev-Zeldovich sources*. Astron. Astrophys., 594, A27. [431]
- Terrazas, B. A., Bell, E. F., Henriques, B. M. B., et al. 2016, *Quiescence Correlates Strongly with Directly Measured Black Hole Mass in Central Galaxies*. Astrophys. J. Lett., 830, L12. [50]
- Amorisco, N. C., Gómez, F. A., Vegetti, S., & White, S. D. M. 2016, *Gaps in globular cluster streams: giant molecular clouds can cause them too*. Mon. Not. R. astr. Soc., 463, L17. [58]
- Saglia, R. P., Sánchez-Blázquez, P., Bender, R., et al. 2016, *The fundamental plane of EDisCS galaxies (Corrigendum). The effect of size evolution*. Astron. Astrophys., 596, C1. [6]
- White, S. 2016, *Short paper: Polar alignment of the equatorial mount: how accurate must it be for trail-free astrophotography?*. Journal of the British Astronomical Association, 126, 362. [0]
- Qu, Y., Helly, J. C., Bower, R. G., et al. 2017, *A chronicle of galaxy mass assembly in the EAGLE simulation*. Mon. Not. R. astr. Soc., 464, 1659. [109]

- Sales, L. V., Navarro, J. F., Oman, K., et al. 2017, *The low-mass end of the baryonic Tully-Fisher relation*. Mon. Not. R. astr. Soc., 464, 2419. [53]
- Gómez, F. A., White, S. D. M., Grand, R. J. J., et al. 2017, *Warps and waves in the stellar discs of the Auriga cosmological simulations*. Mon. Not. R. astr. Soc., 465, 3446. [56]
- Strigari, L. E., Frenk, C. S., & White, S. D. M. 2017, *Dynamical Models for the Sculptor Dwarf Spheroidal in a Λ CDM Universe*. Astrophys. J., 838, 123. [76]
- Marinacci, F., Grand, R. J. J., Pakmor, R., et al. 2017, *Properties of H I discs in the Auriga cosmological simulations*. Mon. Not. R. astr. Soc., 466, 3859. [41]
- Grand, R. J. J., Gómez, F. A., Marinacci, F., et al. 2017, *The Auriga Project: the properties and formation mechanisms of disc galaxies across cosmic time*. Mon. Not. R. astr. Soc., 467, 179. [248]
- Sawala, T., Pihajoki, P., Johansson, P. H., et al. 2017, *Shaken and stirred: the Milky Way's dark substructures*. Mon. Not. R. astr. Soc., 467, 4383. [86]
- Trotter, A. S., Reichart, D. E., Egger, R. E., et al. 2017, *The fading of Cassiopeia A, and improved models for the absolute spectrum of primary radio calibration sources*. Mon. Not. R. astr. Soc., 469, 1299. [9]
- Henriques, B. M. B., White, S. D. M., Thomas, P. A., et al. 2017, *Galaxy formation in the Planck cosmology - IV. Mass and environmental quenching, conformity and clustering*. Mon. Not. R. astr. Soc., 469, 2626. [59]
- Pakmor, R., Gómez, F. A., Grand, R. J. J., et al. 2017, *Magnetic field formation in the Milky Way like disc galaxies of the Auriga project*. Mon. Not. R. astr. Soc., 469, 3185. [78]
- Bahé, Y. M., Barnes, D. J., Dalla Vecchia, C., et al. 2017, *The Hydrangea simulations: galaxy formation in and around massive clusters*. Mon. Not. R. astr. Soc., 470, 4186. [107]
- Busch, P., & White, S. D. M. 2017, *Assembly bias and splashback in galaxy clusters*. Mon. Not. R. astr. Soc., 470, 4767. [60]
- Barnes, D. J., Kay, S. T., Bahé, Y. M., et al. 2017, *The Cluster-EAGLE project: global properties of simulated clusters with resolved galaxies*. Mon. Not. R. astr. Soc., 471, 1088. [119]
- Gómez, F. A., Grand, R. J. J., Monachesi, A., et al. 2017, *Lessons from the Auriga discs: the hunt for the Milky Way's ex situ disc is not yet over*. Mon. Not. R. astr. Soc., 472, 3722. [31]
- Amorisco, N. C., Monachesi, A., Agnello, A., & White, S. D. M. 2018, *The globular cluster systems of 54 Coma ultra-diffuse galaxies: statistical constraints from HST data*. Mon. Not. R. astr. Soc., 475, 4235. [69]
- Despali, G., Vegetti, S., White, S. D. M., Giocoli, C., & van den Bosch, F. C. 2018, *Modelling the line-of-sight contribution in substructure lensing*. Mon. Not. R. astr. Soc., 475, 5424. [64]
- Strigari, L. E., Frenk, C. S., & White, S. D. M. 2018, *Dynamical Constraints on the Dark Matter Distribution of the Sculptor Dwarf Spheroidal from Stellar Proper Motions*. Astrophys. J., 860, 56. [15]
- Moster, B. P., Naab, T., & White, S. D. M. 2018, *EMERGE - an empirical model for the formation of galaxies since $z \sim 10$* . Mon. Not. R. astr. Soc., 477, 1822. [180]
- Stücker, J., Busch, P., & White, S. D. M. 2018, *The median density of the Universe*. Mon. Not. R. astr. Soc., 477, 3230. [14]
- Schmidt, A. S., White, S. D. M., Schmidt, F., & Stücker, J. 2018, *Cosmological N-body simulations with a large-scale tidal field*. Mon. Not. R. astr. Soc., 479, 162. [19]

- Martin, J. R., Reichart, D. E., Dutton, D. A., et al. 2019, *Skynet Algorithm for Single-dish Radio Mapping. I. Contaminant-cleaning, Mapping, and Photometering Small-scale Structures*. *Astrophys. J. Suppl.*, 240, 12. [2]
- Monachesi, A., Gómez, F. A., Grand, R. J. J., et al. 2019, *The Auriga stellar haloes: connecting stellar population properties with accretion and merging history*. *Mon. Not. R. astr. Soc.*, 485, 2589. [76]
- Henriques, B. M. B., White, S. D. M., Lilly, S. J., et al. 2019, *The origin of the mass scales for maximal star formation efficiency and quenching: the critical role of supernovae*. *Mon. Not. R. astr. Soc.*, 485, 3446. [17]
- Riley, A. H., Fattahi, A., Pace, A. B., et al. 2019, *The velocity anisotropy of the Milky Way satellite system*. *Mon. Not. R. astr. Soc.*, 486, 2679. [14]
- Grand, R. J. J., Deason, A. J., White, S. D. M., et al. 2019, *The effects of dynamical substructure on Milky Way mass estimates from the high-velocity tail of the local stellar halo*. *Mon. Not. R. astr. Soc.*, 487, L72. [23]
- Ayromlou, M., Nelson, D., Yates, R. M., Kauffmann, G., & White, S. D. M. 2019, *A new method to quantify environment and model ram-pressure stripping in N-body simulations*. *Mon. Not. R. astr. Soc.*, 487, 4313. [7]
- Fragkoudi, F., Katz, D., Trick, W., et al. 2019, *On the ridges, undulations, and streams in Gaia DR2: linking the topography of phase space to the orbital structure of an N-body bar*. *Mon. Not. R. astr. Soc.*, 488, 3324. [47]
- Gargiulo, I. D., Monachesi, A., Gómez, F. A., et al. 2019, *The prevalence of pseudo-bulges in the Auriga simulations*. *Mon. Not. R. astr. Soc.*, 489, 5742. [21]
- Grand, R. J. J., van de Voort, F., Zjupa, J., et al. 2019, *Gas accretion and galactic fountain flows in the Auriga cosmological simulations: angular momentum and metal redistribution*. *Mon. Not. R. astr. Soc.*, 490, 4786. [39]
- Henriques, B. M. B., Yates, R. M., Fu, J., et al. 2020, *L-GALAXIES 2020: Spatially resolved cold gas phases, star formation, and chemical enrichment in galactic discs*. *Mon. Not. R. astr. Soc.*, 491, 5795. [24]
- Gargiulo, I. D., Monachesi, A., Gómez, F. A., et al. 2020, *Erratum: The prevalence of pseudo-bulges in the Auriga simulations*. *Mon. Not. R. astr. Soc.*, 493, 496. [0]
- Busch, P., & White, S. D. M. 2020, *The Tessellation-Level-Tree: characterizing the nested hierarchy of density peaks and their spatial distribution in cosmological N-body simulations*. *Mon. Not. R. astr. Soc.*, 493, 5693. [4]
- Fragkoudi, F., Grand, R. J. J., Pakmor, R., et al. 2020, *Chemodynamics of barred galaxies in cosmological simulations: On the Milky Way's quiescent merger history and in-situ bulge*. *Mon. Not. R. astr. Soc.*, 494, 5936. [37]
- Stücker, J., Hahn, O., Angulo, R. E., & White, S. D. M. 2020, *Simulating the complexity of the dark matter sheet I: numerical algorithms*. *Mon. Not. R. astr. Soc.*, 495, 4943. [8]
- Halbesma, T. L. R., Grand, R. J. J., Gómez, F. A., et al. 2020, *The globular cluster system of the Auriga simulations*. *Mon. Not. R. astr. Soc.*, 496, 638. [6]
- Planck Collaboration, Aghanim, N., Akrami, Y., Arroja, et al. 2020, *Planck 2018 results. I. Overview and the cosmological legacy of Planck*. *Astron. Astrophys.*, 641, A1. [614]

- Planck Collaboration, Aghanim, N., Akrami, Y., Ashdown, et al. 2020, *Planck 2018 results. VI. Cosmological parameters*. *Astron. Astrophys.*, 641, A6. [5535]
- Planck Collaboration, Aghanim, N., Akrami, Y., Ashdown, et al. 2020, *Planck 2018 results. VIII. Gravitational lensing*. *Astron. Astrophys.*, 641, A8. [274]
- Planck Collaboration, Akrami, Y., Arroja, F., Ashdown, et al. 2020, *Planck 2018 results. X. Constraints on inflation*. *Astron. Astrophys.*, 641, A10. [1366]
- Agarwal, D., Lorimer, D. R., Surnis, M. P., et al. 2020, *Initial results from a real-time FRB search with the GBT*. *Mon. Not. R. astr. Soc.*, 497, 352. [8]
- Wang, J., Bose, S., Frenk, C. S., et al. 2020, *Universal structure of dark matter haloes over a mass range of 20 orders of magnitude*. *Nature*, 585, 39. [55]
- Moster, B. P., Naab, T., & White, S. D. M. 2020, *EMERGE - empirical constraints on the formation of passive galaxies*. *Mon. Not. R. astr. Soc.*, 499, 4748. [12]
- Trick, W. H., Fragkoudi, F., Hunt, J. A. S., Mackereth, J. T., & White, S. D. M. 2021, *Identifying resonances of the Galactic bar in Gaia DR2: I. Clues from action space*. *Mon. Not. R. astr. Soc.*, 500, 2645. [20]
- Gómez, F. A., Torres-Flores, S., Mora-Urrejola, C., et al. 2021, *A Tidally Induced Global Corrugation Pattern in an External Disk Galaxy Similar to the Milky Way*. *Astrophys. J.*, 908, 27. [2]
- Grand, R. J. J., & White, S. D. M. 2021, *Baryonic effects on the detectability of annihilation radiation from dark matter subhaloes around the Milky Way*. *Mon. Not. R. astr. Soc.*, 501, 3558. [6]
- Ayromlou, M., Nelson, D., Yates, R. M., et al. 2021, *Comparing galaxy formation in the L-GALAXIES semi-analytical model and the IllustrisTNG simulations*. *Mon. Not. R. astr. Soc.*, 502, 1051. [9]
- Stücker, J., Schmidt, A. S., White, S. D. M., Schmidt, F., & Hahn, O. 2021, *Measuring the tidal response of structure formation: anisotropic separate universe simulations using TREEPM*. *Mon. Not. R. astr. Soc.*, 503, 1473. [12]
- Yates, R. M., Henriques, B. M. B., Fu, J., et al. 2021, *L-GALAXIES 2020: The evolution of radial metallicity profiles and global metallicities in disc galaxies*. *Mon. Not. R. astr. Soc.*, 503, 4474. [7]
- Fragkoudi, F., Grand, R. J. J., Pakmor, R., et al. 2021, *Revisiting the tension between fast bars and the Λ CDM paradigm*. *Astron. Astrophys.*, 650, L16. [1]
- Ayromlou, M., Kauffmann, G., Yates, R. M., Nelson, D., & White, S. D. M. 2021, *Galaxy formation with L-GALAXIES: modelling the environmental dependency of galaxy evolution and comparing with observations*. *Mon. Not. R. astr. Soc.*, 505, 492. [2]
- Planck Collaboration, Aghanim, N., Akrami, Y., Ashdown, et al. 2021, *Planck 2018 results. VI. Cosmological parameters (Corrigendum)*. *Astron. Astrophys.*, 652, C4. [0]