

List of Publications (Journals only)

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White, S.D.M.: UBV Photometry of NGC 2439. *Astrophys. J.* **197**, 67 (1975).

White, S.D.M.: Dynamical Friction in Spherical Clusters. *Mon. Not. R. Astron. Soc.* **174**, 19 (1976).

White, S.D.M.: A Note on the Minimum Impact Parameter for Dynamical Friction. *Mon. Not. R. Astron. Soc.* **174**, 467 (1976).

Fall, S.M., M.J. Geller, B.J.T. Jones and S.D.M. White: On the Use of Correlation Functions in Finding Physical Associations of Galaxies. *Astrophys. J.* **205**, L121 (1976).

White, S.D.M.: The Dynamics of Rich Clusters of Galaxies. *Mon. Not. R. Astron. Soc.* **177**, 717 (1976).

White, S.D.M.: Mass Segregation and Missing Mass in the Coma Cluster. *Mon. Not. R. Astron. Soc.* **179**, 33 (1977).

Melnick, J., S.D.M. White and J. Hoessel: Photoelectric Surface Photometry of the Coma Cluster. *Mon. Not. R. Astron. Soc.* **180**, 207 (1977).

White, S.D.M. and N.A. Sharp: Tidal Interactions and the Massive Halo Hypothesis. *Nature* **269**, 395 (1977).

White, S.D.M.: Dynamical Effects in the Formation and Evolution of Galaxies and Clusters. *Comm. Astrophys.* **7**, 95 (1977).

White, S.D.M. And M.J. Rees: Core Condensation in Heavy Halos: A Two-Stage Theory for Galaxy Formation and Clustering. *Mon. Not. R. Astron. Soc.* **183**, 341 (1978).

Silk, J. and S.D.M. White: The Development of Structure in the Expanding Universe. *Astrophys. J.* **223**, L59 (1978).

White, S.D.M.: Simulations of Merging Galaxies. *Mon. Not. R. Astron. Soc.* **184**, 185 (1978).

Silk, J. and S.D.M. White: The Determination of q_0 Using X-Ray and Microwave Measurements of Galaxy Clusters. *Astrophys. J.* **226**, L103 (1978).

White, S.D.M.: The Hierarchy of Correlation Functions and Its Relation to the Measures of Galaxy Clustering. *Mon. Not. R. Astron. Soc.* **186**, 145 (1979).

- White, S.D.M.: Can Mergers Make Slowly Rotating Elliptical Galaxies? *Astrophys. J.* **229**, L9 (1979).
- White, S.D.M. and J. Silk: The Growth of Aspherical Structure in the Universe: Is the Local Supercluster an Unusual System? *Astrophys. J.* **231**, 1 (1979).
- Sharp, N.A., D.N. Lin and S.D.M. White: A Test of the Tidal Hypothesis for the Origin of Galactic Angular Momentum. *Mon. Not. R. Astron. Soc.* **187**, 287 (1979).
- White, S.D.M.: Further Simulations of Merging Galaxies. *Mon. Not. R. Astron. Soc.* **189**, 831 (1979).
- White, S.D.M. and F. Valdes: The Luminosity Function of Close Binary Galaxies. *Mon. Not. R. Astron. Soc.* **190**, 55 (1980).
- White, S.D.M.: Mixing Processes in Galaxy Mergers. *Mon. Not. R. Astron. Soc.* **191**, 1P (1980).
- White, S.D.M.: Dynamical Inferences from the Dipole Anisotropy in the Microwave Background. *Physica Scripta* **21**, 640 (1980).
- White, S.D.M.: Tidal Interactions and the Merging of Galaxies. *Phil. Trans. R. Soc.* **296**, 347 (1980).
- White, S.D.M. and J. Silk: The X-Ray Structure of Two Rich Galaxy Clusters and Its Implications for the Observability of Microwave Diminutions. *Astrophys. J.* **241**, 864 (1980).
- Frenk, C.S. and S.D.M. White: The Kinematics and Dynamics of the Galactic Globular Cluster Population. *Mon. Not. R. Astron. Soc.* **193**, 295 (1980).
- White, S.D.M.: The Dynamics of Binary Galaxies. *Mon. Not. R. Astron. Soc.* **195**, 1037 (1981).
- Frenk, C.S. and S.D.M. White: The Structure of the Galactic Globular Cluster System and the Distance to the Galactic Centre. *Mon. Not. R. Astron. Soc.* **198**, 173 (1981).
- White, S.D.M., J. Silk and J.P. Henry: The X-Ray Structure of a Galaxy Cluster at $z = 0.54$: Implications for Cluster Evolution and Cosmology. *Astrophys. J.* **251**, L65 (1981).
- White, S.D.M.: The Large-Scale Structure of the Universe (Review of a book by P.J.E. Peebles). *Physics Today* **34**, 8, 62 (1981).
- White, S.D.M. and J. Negroponte: The Gravitational Evolution of Structure in a Scale-Free Universe. *Mon. Not. R. Astron. Soc.* **201**, 401 (1982).
- White, S.D.M. and J. Audouze: Stochastic Effects in the Chemical Evolution of Galaxies. *Mon. Not. R. Astron. Soc.* **203**, 603 (1983).
- White, S.D.M., J. Huchra, D. Latham and M. Davis: An Observational Study of the Dynamics of Binary Galaxies. *Mon. Not. R. Astron. Soc.* **203**, 701 (1983).
- Bond, J.R., A.S. Szalay and S.D.M. White: How Galaxies Acquire Their Neutrino Halos. *Nature* **301**, 584 (1983).

- Frenk, C.S., S.D.M. White and M. Davis: Nonlinear Evolution of Large-Scale Structure in the Universe. *Astrophys. J.* **271**, 417 (1983).
- White, S.D.M.: Simulations of Sinking Satellites. *Astrophys. J.* **274**, 53 (1983).
- Negroponte, J. and S.D.M. White: Simulations of Mergers of Disk/Halo Galaxies. *Mon. Not. R. Astron. Soc.* **205**, 1009 (1983).
- White, S.D.M., C.S. Frenk and M. Davis: Clustering in a Neutrino-Dominated Universe. *Astrophys. J.* **274**, L1 (1983).
- White, S.D.M.: Angular Momentum Growth in Protogalaxies. *Astrophys. J.* **286**, 38 (1984).
- Hut, P. and S.D.M. White: Can a Neutrino-Dominated Universe Be Rejected? *Nature* **310**, 637 (1984).
- White, S.D.M.: Simulations of the Growth of Structure in Neutrino and Axion Dominated Universes. *Bull. Am. Phys. Soc.* **29**, 712 (1984).
- White, S.D.M., M. Davis and C.S. Frenk: The Size of Clusters in a Neutrino Dominated Universe. *Mon. Not. R. Astron. Soc.* **209**, 27P (1984).
- Barnes, J. and S.D.M. White: The Response of a Spheroid to a Disk Field or Were Bulges Ever Ellipticals? *Mon. Not. R. Astron. Soc.* **211**, 753 (1984).
- Dones, L. and S.D.M. White: M87: Round and Slow. *Astrophys. J.* **290**, 94 (1985).
- Efstathiou, G., M. Davis, C.S. Frenk and S.D.M. White: Numerical Techniques for Large Cosmological N-Body Simulations. *Astrophys. J. Suppl.* **57**, 241 (1985).
- Davis, M., G. Efstathiou, C.S. Frenk and S.D.M. White: The Evolution of Large-Scale Structure in a Universe Dominated by Cold Dark Matter. *Astrophys. J.* **292**, 371 (1985).
- White, S.D.M.: The Kinematics of Population II Stars. *Astrophys. J.* **294**, 229 (1985).
- Aguilar, L. and S.D.M. White: Tidal Interactions Between Spherical Galaxies. *Astrophys. J.* **295**, 374 (1985).
- Veeraraghavan, S. and S.D.M. White: Were Ellipticals Formed from Spirals. *Astrophys. J.* **296**, 336 (1985).
- White, S.D.M.: The Missing Mass. *The Sciences* (July/August , p.44 (1985)).
- Frenk, C.S. and S.D.M. White: More Missing Matter Mystery. *Nature (News and Views)* **317**, 670 (1985).
- Frenk, C.S., S.D.M. White, G. Efstathiou and M. Davis: Cold Dark Matter, the Structure of Galaxy Halos and the Origin of the Hubble Sequence. *Nature* **317**, 595 (1985).

- Saslaw, W.C. and S.D.M. White: The Moving Spirit (review of *Gravitational Physics of Stellar and Galactic Systems*) Nature **318**, 23 (1985).
- White, S.D.M.: Simulations of the Formation of Large-Scale Structure. Ann. N. Y. Acad. Sci. **470**, 243 (1986).
- Aguilar, L. and S.D.M. White: The Density Profiles of Tidally Stripped Galaxies. Astrophys. J. **307**, 97 (1986).
- White, S.D.M.: The Evolution of Star Clusters (review of proceedings of IAU Symposium 113). Science **231**, 1315 (1986).
- Hogan, C.J. and S.D.M. White: Galaxy Formation by Mock Gravity. Nature **321**, 575 (1986).
- The, L.S. and S.D.M. White: The Mass of the Coma Cluster. Astrophys. J. **92**, 1248 (1986).
- White, S.D.M.: Scientific Computing (review of *Numerical Recipes* by Press, W.H., B.P. Flannery, S.A. Teukolsky and W.T. Vetterling). The Scientist **1**, 2, 23 (1986).
- White, S.D.M.: Cold Dark Matter, Galaxy Formation and the Large Scale Structure of the Universe (Warner Prize Lecture). B.A.A.S. **18**, 934 (1986).
- White, S.D.M., C.S. Frenk, M. Davis and G. Efstathiou: Clusters, Filaments and voids in a Universe Dominated by Cold Dark matter. Astrophys. J. **313**, 505 (1987).
- Nolthenius, R. and S.D.M. White: Groups of Galaxies in the CfA Survey and in a Cold Dark Matter Universe. Mon. Not. R. Astron. Soc. **225**, 505 (1987).
- White, S.D.M., M. Davis, G. Efstathiou and C.S. Frenk: The Galaxy Distribution in a Cold Dark Matter Universe. Nature **330**, 451 (1987).
- White, S.D.M. and R. Narayan: Maximum Entropy States and the Structure of Galaxies. Mon. Not. R. Astron. Soc. **229**, 103 (1987).
- Baron, E. and S.D.M. White: The Appearance of Primeval Galaxies. Astrophys. J. **322**, 585 (1987).
- The, L.S. and S.D.M. White: Is the Core of the Coma Cluster More Massive Than We Think? Astrophys. J. **95**, 15 (1988).
- Frenk, C.S., S.D.M. White, M. Davis, and G. Efstathiou: The Formation of Dark Halos in a Universe Dominated by Cold Dark Matter. Astrophys. J. **327**, 507 (1988).
- Narayan, R. and S.D.M. White: Gravitational Lensing in a Cold Dark Matter Universe. Mon. Not. R. Astron. Soc. **231**, 97P (1988).
- Zaritsky, D. and S.D.M. White: Simulation of Sinking Satellites Revisited. Mon. Not. R. Astron. Soc. **235**, 289 (1988).

Efstathiou, G., C.S. Frenk, S.D.M. White and M. Davis: Gravitational Clustering from Scale-Free Initial Conditions. *Mon. Not. R. Astron. Soc.* **235**, 715 (1988).

White, S.D.M.: Explorations of the Cosmos (review of *Observational Cosmology*, edited by Hewitt, A., G. Burbidge and L.-Z. Fang). *Science* **239**, 658 (1988).

The, L.S. and S.D.M. White: Modified Newtonian Dynamics and the Coma Cluster. *Astrophys. J.* **95**, 1642 (1988).

White, S.D.M., R.B. Tully and M. Davis: Clustering Bias in the Nearby Galaxy Catalog and in Cold Dark Matter Models. *Astrophys. J.* **333**, L45 (1988).

White, S.D.M.: The Flattening of the Galactic Spheroid. *Mon. Not. R. Astron. Soc.* **237**, 518 (1989).

Gorski, K. M. Davis, M. Strauss, S.D.M. White and A. Yahil: Cosmological Velocity Correlations: Observations and Model Predictions. *Astrophys. J.* **344**, 1 (1989).

Rix, H.-W. and S.D.M. White: The Dynamics of Dumbbell Galaxies. *Mon. Not. R. Astron. Soc.* **240**, 941 (1989).

Heisler, J., C. Hogan and S.D.M. White: Superclustering of QSO Absorption Clouds. *Astrophys. J.* **347**, 52 (1989).

The, L.S. and S.D.M. White: Is the Coma Cluster Binary Dominated? *Astronomical J.* **99**, 7 (1990).

White, S.D.M. and J.P. Ostriker: The Stability of a Collisionless Cosmological Shell. *Astrophys. J.* **349**, 22 (1990).

Frenk, C.S., S.D.M. White, G. Efstathiou and M. Davis: Galaxy Clusters and the Amplitude of Primordial Fluctuations. *Astrophys. J.* **351**, 10 (1990).

Heisler, J. and S.D.M. White: Satellite Disruption and Shell Formation in Galaxies. *Mon. Not. R. Astron. Soc.* **243**, 199 (1990).

Rix, H.-W. and S.D.M. White: Disks in Elliptical Galaxies. *Astrophys. J.* **362**, 52 (1990).

White, S.D.M.: Cooling Flows and Dark Matter. *Nature (News and Views)* **348**, 111 (1990).

Zeng, N. and S.D.M. White: Voids in A Neutrino-dominated Universe. *Astrophys. J.* **374**, 1 (1991).

White, S.D.M. and C.S. Frenk: Galaxy Formation in Hierarchical Clustering Theories. *Astrophys. J.* **379**, 52 (1991).

Babul, A. and S.D.M. White: QSO Modulated Galaxy Formation. *Mon. Not. R. Astron. Soc.* **253**, 31P (1991).

White, S.D.M.: The Epoch of Galaxy Formation. *Ann. N. Y. Acad. Sc.* **647**, 283 (1991).

- Rix, H.-W. and S.D.M. White: Optimal Estimates of Line-of-Sight Velocity Distributions from Absorption line Spectra of Galaxies: Nuclear Disks in Elliptical Galaxies. *Mon. Not. R. Astron. Soc.* **254**, 389 (1992).
- Minniti, D., S.D.M. White, E. Olszewski and J.H. Hill: Rotation of the Galactic Bulge. *Astrophys. J.* **393**, L47 (1992).
- White, S.D.M. and D. Zaritsky: Models for Galaxy Halos in an Open Universe, *Astrophys. J.* **394**, 1 (1992).
- Davis, M., G. Efstathiou, C.S. Frenk and S.D.M. White: The End of Cold Dark Matter? *Nature* **356**, 489 (1992).
- Kauffmann, G. and S.D.M. White: The Observational Properties of an $\Omega=0.2$ Cold Dark Matter Universe. *Mon. Not. R. Astron. Soc.* **258**, 511 (1992).
- Efstathiou, G., J.R. Bond and S.D.M. White: COBE Background Radiation Anisotropies and Large-scale Structure in the Universe. *Mon. Not. R. Astron. Soc.* **258**, 1P (1992).
- Bower, R.G., P. Coles, C.S. Frenk and S.D.M. White: Cooperative Galaxy Formation and Large-Scale Structure. *Astrophys. J.* **405**, 403 (1993).
- Moore, B., C.S. Frenk and S.D.M. White: Properties of Galaxy Groups. *Mon. Not. R. Astron. Soc.* **261**, 827 (1993).
- Kauffmann, G. and S.D.M. White: The Merging History of Dark Matter Halos in a Hierarchical Universe. *Mon. Not. R. Astron. Soc.* **261**, 921 (1993).
- White, S.D.M., U.G. Briel and J.P. Henry: X-ray Archaeology in the Coma Cluster. *Mon. Not. R. Astron. Soc.* **261**, L8 (1993).
- Zaritsky, D., R. Smith, C.S. Frenk and S.D.M. White: Satellites of Spiral Galaxies. *Astrophys. J.* **405**, 464 (1993).
- Murray, S.D., S.D.M. White, D.N.C. Lin and J.M. Blondin: Dynamical Instabilities in Two-phase Media and the Minimum Masses of Stellar Systems. *Astrophys. J.* **407**, 588 (1993).
- White, S.D.M., G. Efstathiou and C.S. Frenk: The Amplitude of Mass Fluctuations in the Universe. *Mon. Not. R. Astron. Soc.* **262**, 1023 (1993).
- Katz, N. and S.D.M. White: Hierarchical Galaxy Formation: Overmerging and the Formation of an X-ray Cluster. *Astrophys. J.* **412**, 455 (1993).
- Kauffmann, G., S.D.M. White and B. Guiderdoni: The Formation and Evolution of Galaxies within Merging Dark Matter Halos. *Mon. Not. R. Astron. Soc.* **264**, 201 (1993).
- Navarro, J.F. and S.D.M. White: Simulations of Dissipative Galaxy Formation in Hierarchical Clustering Universes I: Tests of the Code. *Mon. Not. R. Astron. Soc.* **265**, 271 (1993).

- Zaritsky, D.F. and S.D.M. White: The Massive Halos of Spiral Galaxies. *Astrophys. J.* **435**, 599 (1994).
- Navarro, J.F. and S.D.M. White: Dissipative Galaxy Formation in a Hierarchically Clustering Universe II: Dynamics of the baryonic Component in Galactic Halos. *Mon. Not. R. Astron. Soc.* **267**, 401 (1994).
- Kauffmann, G., B. Guiderdoni and S.D.M. White: Faint Counts in a Hierarchical Universe. *Mon. Not. R. Astron. Soc.* **267**, 981 (1994).
- Navarro, J.F., C.S. Frenk and S.D.M. White: Accretion of Satellite Galaxies and the Density of the Universe. *Mon. Not. R. Astron. Soc.* **267**, L1 (1994).
- van der Marel, R.P., H.-W. Rix, D. Carter, M. Franx, S.D.M. White and P.T. De Zeeuw: Velocity Profiles of Galaxies with Claimed Central Black Holes - I Observations of M31, M32, NGC 3115, and NGC 4594. *Mon. Not. R. Astron. Soc.* **268**, 521 (1994).
- Lorrimer, S.J., C.S. Frenk, R.M. Smith, S.D.M. White and D.F. Zaritsky: The Distribution of Satellite Galaxies. *Mon. Not. R. Astron. Soc.* **269**, 696 (1994).
- van der Marel, R.P., H.-W. Rix, S.D.M. White and P.T. de Zeeuw: Velocity Profiles of Galaxies with Claimed Central Black Holes - II $f(E, L_z)$ Models for M32. *Mon. Not. R. Astron. Soc.* **271**, 99 (1994).
- Dow, K.L. and S.D.M. White: ROSAT Observations of Coma Cluster Galaxies. *Astrophys. J.* **439**, 135 (1995).
- Navarro, J.F., C.S. Frenk and S.D.M. White: The Assembly of Galaxies in a Hierarchically Clustering Universe. *Mon. Not. R. Astron. Soc.* **275**, 56 (1995).
- Navarro, J.F., C.S. Frenk and S.D.M. White: Simulations of X-ray Clusters. *Mon. Not. R. Astron. Soc.* **275**, 720 (1995).
- Velazquez, H. and S.D.M. White: Dynamical Models for the Sagittarius Dwarf Galaxy. *Mon. Not. R. Astron. Soc.* **275**, L23 (1995).
- Jain, B., H.J. Mo and S.D.M. White: The Evolution of Correlation Functions and Power Spectra in Gravitational Clustering. *Mon. Not. R. Astron. Soc.* **276**, L25 (1995).
- Minniti, D., E.W. Olszewski, J.W. Liebert, S.D.M. White, J.M. Hill and M. Irwin: The Metallicity Gradient of the Galactic Bulge. *Mon. Not. R. Astron. Soc.* **277**, 1293 (1995).
- Mo, H.J. and S.D.M. White: An Analytic Model for the Clustering of Dark Matter Halos. *Mon. Not. R. Astron. Soc.* **282**, 347 (1996).
- Navarro, J.F., C.S. Frenk and S.D.M. White: The Structure of Cold Dark Matter Halos. *Astrophys. J.* **462**, 563 (1996).
- Frenk, C.S., A. Evrard, S.D.M. White and F.J. Summers: Galaxy Dynamics in Clusters. *Astrophys. J.*

472, 460 (1996).

Minniti, D., W. Liebert, E.W. Olszewski and S.D.M. White: Background Giants in the Field of the Globular Cluster M22: Kinematics of the Galactic Bulge. *Astronomical J.* **112**, 590 (1996).

Mo, H.J., Y.P. Jing and S.D.M. White: The Correlation Function of Clusters of Galaxies and the Amplitude of Mass Fluctuations in the Universe. *Mon. Not. R. Astron. Soc.* **282**, 1096 (1996).

Kauffmann, G., S. Charlot and S.D.M. White: Detection of Strong Evolution in the Population of Early-type Galaxies. *Mon. Not. R. Astron. Soc.* **283**, L117 (1996).

Mo, H.J., Y.P. Jing and S.D.M. White: High-order Correlations of Peaks and Halos: A Step towards Understanding Galaxy Biasing. *Mon. Not. R. Astron. Soc.* **284**, 189 (1997).

Colberg, J.M. and S.D.M. White: Dunkle Materie, Galaxien und die Dichte des Universums. *Sterne und Weltraum* **35**, 824 (1996).

Tormen, G., F.R. Bouchet and S.D.M. White: The Structure and Dynamical Evolution of Dark Matter Halos. *Mon. Not. R. Astron. Soc.* **286**, 865 (1997).

van Haarlem, M.P., C.S. Frenk and S.D.M. White: Projection Effects in Cluster Catalogues. *Mon. Not. R. Astron. Soc.* **287**, 817 (1997).

Steinmetz, M. and S.D.M. White: Two-body heating in numerical galaxy formation experiments. *Mon. Not. R. Astron. Soc.* **288**, 545 (1998).

Zaritsky, D., R. Smith, C.S. Frenk and S.D.M. White: More Satellites of Spiral Galaxies. *Astrophys. J.* **478**, 39 (1997).

Navarro, J.F., C.S. Frenk and S.D.M. White: A Universal Density Profile from Hierarchical Clustering. *Astrophys. J.* **478**, 436 (1997).

Zaritsky, D., R. Smith, C.S. Frenk and S.D.M. White: Anisotropies in the Distribution of Satellite Galaxies. *Astrophys. J.* **478**, L53 (1997).

Forcada-Miro, M.I. and S.D.M. White: Radiative shocks in galaxy formation. I: Cooling of a primordial plasma with no sources of heating. *Mon. Not. R. Astron. Soc.*, submitted (1997), arXiv:astro-ph/9712204.

Davis, M., A. Miller and S.D.M. White: A Galaxy-weighted Measure of the Relative Peculiar Velocity Dispersion. *Astrophys. J.* **490**, 63 (1997).

Syer, D. and S.D.M. White: Dark Halo Mergers and the Formation of a Universal Profile. *Mon. Not. R. Astron. Soc.* **293**, 337 (1998).

Mo, H.J., S. Mao and S.D.M. White: The Formation of Galactic Disks. *Mon. Not. R. Astron. Soc.* **295**, 319 (1998).

- Thomas, P.A., J.M. Colberg, H.M.P. Couchman, G. Efstathiou, C.S. Frenk, A.R. Jenkins, A.H. Nelson, R.M. Hutchings, J.A. Peacock, F.R. Pearce and S.D.M. White: The Structure of Galaxy Clusters in various Cosmologies. *Mon. Not. R. Astron. Soc.* **296**, 1061 (1998).
- Canavezes, A., V. Springel, S.J. Oliver, M. Rowan-Robinson, O. Keeble, S.D.M. White, W. Saunders, G. Efstathiou, C.S. Frenk, R.G. McMahon, S. Maddox, W. Sutherland and H. Tadros: The Topology of the PSCZ Redshift Survey. *Mon. Not. R. Astron. Soc.* **297**, 777 (1998).
- Kneissl, R., R.A. Sunyaev and S.D.M. White: A Deep ROSAT PSPC observation towards the CMB Decrement close to PC1643+4631 A&B: No Cluster X-ray Emission. *Mon. Not. R. Astron. Soc.* **297**, L29 (1998).
- Mao, S., H.J. Mo and S.D.M. White: The Evolution of Galactic Disks. *Mon. Not. R. Astron. Soc.* **297**, L71 (1998).
- Jenkins, A., C.S. Frenk, F.R. Pearce, P.A. Thomas, J.M. Colberg, S.D.M. White, H.M.P. Couchman, J.A. Peacock, G. Efstathiou and A.H. Nelson: The Evolution of Structure in Cold Dark Matter Universes. *Astrophys. J.* **499**, 20 (1998).
- Springel, V. and S.D.M. White: Estimates for the Luminosity Function of Galaxies and its Evolution. *Mon. Not. R. Astron. Soc.* **298**, 143 (1998).
- Springel, V., S.D.M. White, J.M. Colberg, H.M.P. Couchman, G. Efstathiou, C.S. Frenk, A.R. Jenkins, F.R. Pearce, A.H. Nelson, J.A. Peacock and P.A. Thomas: Genus Statistics of the Virgo N-body Simulations and the 1.2 Jy Redshift Survey. *Mon. Not. R. Astron. Soc.* **298**, 1169 (1998).
- Kauffmann, G., J.M. Colberg, A. Diaferio and S.D.M. White: Clustering of Galaxies in a Hierarchical Universe: I. Methods and Results at $z=0$. *Mon. Not. R. Astron. Soc.* **303**, 188 (1999).
- Mo, H.J., S. Mao and S.D.M. White: The structure and clustering of Lyman break galaxies. *Mon. Not. R. Astron. Soc.* **304**, 175 (1999).
- Velazquez, H. and S.D.M. White: Sinking Satellites and the Heating of Galaxy Disks. *Mon. Not. R. Astron. Soc.* **304**, 254 (1999).
- Schmoldt, I., E. Branchini, L. Teodoro, C.S. Frenk, G. Efstathiou, O. Keeble, S. Maddox, S. Oliver, M. Rowan-Robinson, W. Sutherland and S.D.M. White: Likelihood analysis of the Local Group Acceleration. *Mon. Not. R. Astron. Soc.* **304**, 893 (1999).
- Tadros, H., W. Ballinger, A. Heavens, A. Taylor, G. Efstathiou, W. Saunders, C.S. Frenk, O. Keeble, R. McMahon, S. Maddox, S. Oliver, M. Rowan-Robinson, W. Sutherland and S.D.M. White: Spherical Harmonic Analysis of the PSCz Redshift Survey: Redshift Distortions and the Real Space Power Spectrum. *Mon. Not. R. Astron. Soc.* **305**, 527 (1999).
- Springel, V. and S.D.M. White: Tidal Tails in CDM Cosmologies. *Mon. Not. R. Astron. Soc.* **307**, 162 (1999).
- Helmi, A. and S.D.M. White: Building Up the Stellar Halo of the Galaxy. *Mon. Not. R. Astron. Soc.*

307, 495 (1999).

Kauffmann, G., J.M. Colberg, A. Diaferio and S.D.M. White: Clustering of Galaxies in a Hierarchical Universe: II. Evolution to High Redshift. *Mon. Not. R. Astron. Soc.* **307**, 529 (1999).

Diaferio, A., G. Kauffmann, J.M. Colberg and S.D.M. White: Clustering of Galaxies in a Hierarchical Universe: III. Mock Redshift Surveys. *Mon. Not. R. Astron. Soc.* **307**, 537 (1999).

Branchini, E., L. Teodoro, C.S. Frenk, I. Schmoldt, G. Efstathiou, S.D.M. White, W. Saunders, W. Sutherland, M. Rowan-Robinson, O. Keeble, H. Tadros, S. Maddox and S. Oliver: A non-parametric model for the cosmic velocity field. *Mon. Not. R. Astron. Soc.* **308**, 1 (1999).

Sutherland, W., H. Tadros, G. Efstathiou, C.S. Frenk, O. Keeble, S. Maddox, R.G. McMahon, S. Oliver, M. Rowan-Robinson, W. Saunders and S.D.M. White: The Power Spectrum of the PSC Redshift Survey. *Mon. Not. R. Astron. Soc.* **308**, 289 (1999).

Colberg, J.M., S.D.M. White, A. Jenkins and F.R. Pearce: Linking cluster formation to large-scale structure. *Mon. Not. R. Astron. Soc.* **308**, 593 (1999).

Seaborne, M.D., W. Sutherland, H. Tadros, G. Efstathiou, C.S. Frenk, O. Keeble, S. Maddox, R.G.S. Oliver, M. Rowan-Robinson, W. Saunders and S.D.M. White: A comparison of the PSCz and Stromlo-APM redshift surveys. *Mon. Not. R. Astron. Soc.* **309**, 89 (1999).

Pearce, F.R., A. Jenkins, C.S. Frenk, J.M. Colberg, S.D.M. White, P. Thomas, H.M.P. Couchman, J.A. Peacock and G.P. Efstathiou: A simulation of Galaxy Formation and Clustering. *Astrophys. J.* **521**, L99 (1999).

Frenk, C.S., S.D.M. White, P. Bode, R.J. Bond, G.L. Bryan, R. Cen, H.M.P. Couchman, A.E. Evrard, N. Gnedin, A. Jenkins, A.M. Khokhlov, A. Klypin, J.F. Navarro, M.L. Norman, K.P. Ostriker, J.M. Owen, F.R. Pearce, U.-L. Pen, M. Steinmetz, P.A. Thomas, J.V. Villumsen, J.W. Wadsley, M.S. Warren, G. Xu and G. Yepes: The Santa Barbara cluster comparison project: a test of cosmological hydrodynamics codes. *Astrophys. J.* **525**, 554 (1999).

Schmoldt, I.M., V. Saar, P. Saha, E. Branchini, G.P. Efstathiou, C.S. Frenk, O. Keeble, S. Maddox, R. McMahon, S. Oliver, M. Rowan-Robinson, W.J. Saunders, W. Sutherland, H. Tadros and S.D.M. White: On Density and Velocity Fields and beta from the IRAS PSCZ Survey. *Astronomical J.* **308**, 1 (1999).

Tresse, L., M. Dennefeld, P. Petitjean, S. Cristiani and S.D.M. White: Identification of Absorbing Galaxies towards the QSO J223306 in the Hubble Deep Field South. *Astron. Astrophys.* **346**, L21 (1999).

Helmi, A., S.D.M. White, P.T. DeZeeuw and H. Zhao: Debris streams in the Solar Neighborhood: relics from the Milky Way's formation. *Nature* **402**, 53 (1999).

White, S.D.M. and V. Springel: Fitting the Universe on a Supercomputer. *CS&E* **1**, 36 (1999).

Cristiani, S., I. Appenzeller, S. Arnouts, M. Nonino, A. Aragon-Salamanca, C. Benoist, C. da Costa, M.

- Dennefeld, R. Rengelink, A. Renzini, T. Szeifert and S.D.M. White: The first VLT FORS1 spectra of Lyman-break candidates in the HDF-S and AXAF Deep Field. *Astron. Astrophys.* **359**, 489 (2000).
- Jain, B., U. Seljak and S.D.M. White: Ray Tracing Simulations of Weak Lensing by Large-Scale Structure. *Astrophys. J.* **530**, 547 (2000).
- Yoshida, N., V. Springel, S.D.M. White and G. Tormen: Collisional Dark Matter and the Structure of Dark Halos. *Astrophys. J.* **535**, L103 (2000).
- Colberg, J.M., S.D.M. White, T.J. MacFarland, A. Jenkins, F.R. Pearce, C.S. Frenk, P.A. Thomas and H.M.P. Couchman: Peculiar Velocities of Galaxy Clusters. *Mon. Not. R. Astron. Soc.* **313**, 229 (2000).
- Rowan-Robinson, M., J. Sharpe, S.J. Oliver, O. Keeble, A. Canavezes, W. Saunders, A.N. Taylor, H. Valentine, C.S. Frenk, G. Efstathiou, R.G. McMahon, S.D.M. White, W. Sutherland, H. Tadros and S. Maddox: The IRAS PSCz dipole. *Mon. Not. R. Astron. Soc.* **314**, 375 (2000).
- Benson, A.J., R.G. Bower, C.S. Frenk and S.D.M. White: Diffuse X-ray emission from late-type galaxy haloes. *Mon. Not. R. Astron. Soc.* **314**, 557 (2000).
- Yoshida, N., V., Springel, S.D.M. White and G. Tormen: Weakly Self-Interacting Dark Matter and the Structure of Dark Halos. *Astrophys. J.* **544**, L87 (2000).
- Kay, S.T., F.R. Pearce, A. Jenkins, C.S. Frenk, S.D.M. White, P. Thomas and H.M.P. Couchman: Parameter Tests Within Cosmological Simulations of Galaxy Formation. *Mon. Not. R. Astron. Soc.* **316**, 374 (2000).
- Saunders, W., W.J. Sutherland, S.J. Maddox, O. Keeble, S.J. Oliver, M. Rowan-Robinson, R.G. McMahon, G.P. Efstathiou, H. Tadros, S.D.M. White, C.S. Frenk, A. Carraminana and M.R.S. Hawkins. The PSCz Catalogue. *Mon. Not. R. Astron. Soc.* **317**, 55 (2000).
- Monaco, P., G. Efstathiou, S.J. Maddox, E. Branchini, C.S. Frenk, R.G. McMahon, S.J. Oliver, M. Rowan-Robinson, W. Saunders, W.J. Sutherland, H. Tadros and S.D.M. White: The 1-point PDF of the Initial Conditions of our Local Universe from the IRAS PSC redshift catalogue. *Mon. Not. R. Astron. Soc.* **318**, 681 (2000).
- Colberg, J.M., S.D.M. White, N. Yoshida, T.J. MacFarland, A. Jenkins, C.S. Frenk, F.R. Pearce, A.E. Evrard, H.M.P. Couchman, G. Efstathiou, J.A. Peacock and P.A. Thomas: Clustering of Galaxy Clusters in CDM Universes. *Mon. Not. R. Astron. Soc.* **319**, 209 (2000).
- Somerville, R.S., G. Lemson, Y. Sigad, A. Dekel, G. Kauffmann and S.D.M. White: Non-linear Stochastic Galaxy Biasing in Cosmological Simulations. *Mon. Not. R. Astron. Soc.* **320**, 504 (2000).
- Jenkins, A., C.S. Frenk, S.D.M. White, J.M. Colberg, S. Cole, A.E. Evrard and N. Yoshida: Mass function of dark matter halos. *Mon. Not. R. Astron. Soc.* **321**, 372 (2001).
- Sharpe, J., M. Rowan-Robinson, A. Canavezes, W. Saunders, E. Branchini, G. Efstathiou, C.S. Frenk, O. Keeble, R.G. McMahon, S. Maddox, S.J. Oliver, W. Sutherland, H. Tadros and S.D.M. White: Predicting the peculiar velocities of nearby PSC-z galaxies using the Least Action Principle. *Mon. Not.*

R. Astron. Soc. **322**, 121 (2001).

Helmi, A. and S.D.M. White: Simple dynamical models of the Sagittarius dwarf galaxy. Mon. Not. R. Astron. Soc. **323**, 529 (2001).

Springel, V., N. Yoshida and S.D.M. White: GADGET: A code for collisionless and gasdynamical cosmological simulations. New Astronomy **6**, 79 (2001).

Diaferio, A., G. Kauffmann, M.L. Balogh, S.D.M. White, D. Schade and E. Ellingson: The Spatial and Kinematic Distributions of Cluster Galaxies in a LCDM Universe - Comparison with Observations. Mon. Not. R. Astron. Soc. **323**, 999 (2001).

Meneghetti, M., N. Yoshida, M. Bartelmann, L. Moscardini, V. Springel, G. Tormen and S.D.M. White: Giant cluster arcs as a constraint on the scattering cross section of dark matter. Mon. Not. R. Astron. Soc. **325**, 435 (2001).

Yoshida, N., J. Colberg, S.D.M. White, A.E. Evrard, T.J. MacFarland, H.M.P. Couchman, A. Jenkins, C.S. Frenk, F.R. Pearce, G. Efstathiou, J.A. Peacock and P.A. Thomas: Simulations of deep pencil-beam redshift surveys. Mon. Not. R. Astron. Soc. **325**, 803 (2001).

Pearce, F.R., A. Jenkins, C.S. Frenk, S.D.M. White, P.A. Thomas, H.M.P. Couchman, J.A. Peacock and G. Efstathiou: Simulations of galaxy formation in a cosmological volume. Mon. Not. R. Astron. Soc. **326**, 649 (2001).

Springel, V., S.D.M. White, G. Tormen and G. Kauffmann: Populating a cluster of galaxies - Results at $z=0$. Mon. Not. R. Astron. Soc. **328**, 726 (2001).

Pirzkal, N., L. Collodel, T. Erben, R.A.F. Fosbury, W. Freudling, H. H?merle, B. Jain, J.-M. Miralles, P. Schneider, S. Seitz and S.D.M. White: Cosmic Shear from STIS pure parallels: I Data. Astron. Astrophys. **375**, 351 (2001).

Charlot, S., G. Kauffmann, M. Longhetti, L. Tresse, S.D.M. White, S.J. Maddox and S.M. Fall: Star formation, metallicity and dust properties derived from the Stromlo-APM galaxy survey spectra. Mon. Not. R. Astron. Soc. **330**, 876 (2002).

Mathis, H., G. Lemson, V. Springel, G. Kauffmann, S.D.M. White, A. Eldar and A. Dekel: Simulating the formation of the local galaxy population. Mon. Not. R. Astron. Soc. **333**, 739 (2002).

Yoshida, N., F. Stoehr, V. Springel and S.D.M. White: Gas cooling in simulations of the formation of the galaxy population. Mon. Not. R. Astron. Soc. **335**, 762 (2002).

Stoehr, F., S.D.M. White, G. Tormen and V. Springel: The satellite population of the Milky Way in a LambdaCDM universe. Mon. Not. R. Astron. Soc. **335**, L84 (2002).

Helmi, A., S.D.M. White and V. Springel: The phase-space structure of a dark-matter halo: Implications for dark-matter direct detection experiments. PhRvD **66**, 3502 (2002).

Mo, H.J. and S.D.M. White: The abundance and clustering of dark haloes in the standard

LambdaCDM cosmogony. *Mon. Not. R. Astron. Soc.* **336**, 112 (2002).

H?merle, H., J.-M. Miralles, P. Schneider, T. Erben R.A.E. Fosbury, W. Freudling, N. Pirzkal, B. Jain and S.D.M. White: Cosmic shear from STIS pure parallels. II. Analysis. *Astron. Astrophys.* **385**, 743 (2002).

Miralles, J.-M., T. Erben, H. H?merle, P. Schneider, R.A.E. Fosbury, W. Freudling, N. Pirzkal, B. Jain and S.D.M. White: A conspicuous tangential alignment of galaxies in a STIS Parallel Shear Survey field: A new dark-lens candidate? *Astron. Astrophys.* **388**, 68 (2002).

Bartelmann, M. and S.D.M. White: Cluster detection from surface-brightness fluctuations in SDSS data. *Astron. Astrophys.* **388**, 732 (2002).

Evrard, A.E., T.J. MacFarland, H.M.P. Couchman, J.M. Colberg, N. Yoshida, S.D.M. White, A.R. Jenkins, C.S. Frenk, F.R. Pearce, J.A. Peacock and P.A. Thomas: Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations. *Astrophys. J.* **573**, 7 (2002).

van den Bosch, F.C., T. Abel, R.A.C. Croft, L. Hernquist and S.D.M. White: Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies. *Astrophys. J.* **576**, 21 (2002).

Gonzalez, A.H., D. Zaritsky, L. Simard, D. Clowe and S.D.M. White: Tests of the Las Campanas Distant Cluster Survey from Confirmation Observations for the ESO Distant Cluster Survey. *Astrophys. J.* **579**, 577 (2002).

Stoughton, C., R.H. Lupton, M. Bernardi, M.r. Blanton, S. Burles, F.J. Castander, A.J. Connolly, D.J. Eisenstein, J.A. Frieman, G.S. Hennessy and 182 coauthors including S.D.M. White: Sloan Digital Sky Survey: Early Data Release. *Astronomical J.* **123**, 485 (2002).

Mathis, H. and S.D.M. White: Voids in the simulated local Universe. *Mon. Not. R. Astron. Soc.* **337**, 1193 (2003).

Power, C., J.F. Navarro, A. Jenkins, C.S. Frenk, S.D.M. White, V. Springel, J. Stadel and T. Quinn: The inner structure of LambdaCDM haloes - I. A numerical convergence study. *Mon. Not. R. Astron. Soc.* **338**, 14 (2003).

Helmi, A., S.D.M. White and V. Springel: The phase-space structure of cold dark matter haloes: insights into the Galactic halo. *Mon. Not. R. Astron. Soc.* **339**, 834 (2003).

Kauffmann, G., T.M. Heckman, S.D.M. White, S. Charlot, C. Tremonti, J. Brinchmann, G. Bruzual, E.W. Peng, M. Seibert, M. Bernardi and 12 coauthors: Stellar masses and star formation histories for 10^5 galaxies from the Sloan Digital Sky Survey. *Mon. Not. R. Astron. Soc.* **341**, 33 (2003).

Kauffmann, G., T.M. Heckman, S.D.M. White, S. Charlot, C. Tremonti, E.W. Peng, M. Seibert, J. Brinkmann, R.c. Nichol, M. SubbaRao and D. York: The dependence of star formation history and internal structure on stellar mass for 10^5 low-redshift galaxies. *Mon. Not. R. Astron. Soc.* **341**, 54 (2003).

Tremonti, C.A., T.M. Heckman, G. Kauffmann, S. Charlot, J. Brinchmann, S.D.M. White and M.

Seibert: The Stellar Mass, Metallicity, and AGN content of SDSS Galaxies as a Function of Local Environment. *AAS* **202**, 5102 (2003).

Rudnick, G., S.D.M. White, A. Aragon-Salamanca, R. Bender, P. Best, M. Bremer, S. Charlot, D. Clowe, J. Dalcanton, M. Dantel and 16 coauthors: Studying high redshift galaxy clusters with the ESO Distant Cluster Survey. *Messenger* **112**, 19 (2003).

Smith, R.E., J.A. Peacock, A. Jenkins, S.D.M. White, C.S. Frenk, F.R. Pearce, P.A. Thomas, G. Efstathiou and H.M.P. Couchman: Stable clustering, the halo model and non-linear cosmological power spectra. *Mon. Not. R. Astron. Soc.* **341**, 1311 (2003).

Shen, S., H.J. Mo, S.D.M. White, M.R. Blanton, G. Kauffmann, W. Voges, J. Brinkmann and I. Csabai: The size distribution of galaxies in the Sloan Digital Sky Survey. *Mon. Not. R. Astron. Soc.* **343**, 978 (2003).

Ciardi, B., F. Stoehr and S.D.M. White: Simulating intergalactic medium reionization. *Mon. Not. R. Astron. Soc.* **343**, 1101 (2003).

Ciardi, B., A. Ferrara and S.D.M. White: Early Reionization by the First Galaxies. *Mon. Not. R. Astron. Soc.* **344**, L7 (2003).

Marri, S. and S.D.M. White: Smoothed particle hydrodynamics for galaxy-formation simulations: improved treatments of multiphase gas, of star formation and of supernovae. *Mon. Not. R. Astron. Soc.* **345**, 561 (2003).

Stoehr, F., S.D.M. White, V. Springel, G. Tormen and N. Yoshida: Dark matter annihilation in the halo of the Milky Way. *Mon. Not. R. Astron. Soc.* **345**, 1313 (2003).

Kauffmann, G., T.M. Heckman, C. Tremonti, J. Brinchmann, S. Charlot, S.D.M. White, S. Ridgway, J. Brinkmann, M. Fukugita, P. Hall, Z. Ivezić, G. Richards and D. Schneider: The host galaxies of active galactic nuclei. *Mon. Not. R. Astron. Soc.* **346**, 1055 (2003).

Bartelmann, M. and S.D.M. White: Stacking clusters in the ROSAT All-Sky Survey. *Astron. Astrophys.* **407**, 845 (2003).

Abazajian, K. and 188 coworkers including S.D.M. White: The First Data Release of the Sloan Digital Sky Survey. *Astronomical J.* **126**, 2081 (2003).

Zibetti, S., S.D.M. White and J. Brinkmann: Haloes around edge-on disk galaxies in the SDSS. *Mon. Not. R. Astron. Soc.* **347**, 556 (2004).

De Lucia, G., G. Kauffmann, V. Springel, S.D.M. White, B. Lanzoni, F. Stoehr, G. Tormen and N. Yoshida: Substructures in cold dark matter haloes. *Mon. Not. R. Astron. Soc.* **348**, 333 (2004).

Miniati, F., A. Ferrara, S.D.M. White and S. Bianchi: Ultraviolet background radiation from cosmic structure formation. *Mon. Not. R. Astron. Soc.* **348**, 964 (2004).

Pierre, M., I. Vltchanov, S. Dos Santos, B. Altieri, S. Andreon, M. Bolzonella, M. Bremer, C. Jean,

A.M. Read, A. Refregier, J. Willis, C. Adami, D. Alloin, M. Birkinshaw, L. Chiappetti, A. Cohen, A. Detal, P.A. Duc, E. Gosset, L.R. Jones, O. Le Fevre, D. Maccagni, H. McBreen, H. McCracken, Y. Mellier, T.J. Ponman, H. Quintana, H. Rottgering, A. Smette, J. Surdej, L. Vigroux, H. Bohringer, J. Hjorth, C. Lonsdale and S.D.M. White: The XMM-LSS survey. Survey design and first results. *J. Cosm. Astropart. Phys.* **9**, 11 (2004).

Abazajian, K. and 152 coworkers including S.D.M. White: The Second Data Release of the Sloan Digital Sky Survey. *Astronomical J.* **128**, 502 (2004).

Navarro, J.F., E. Hayashi, C. Power, A.R. Jenkins, C.S. Frenk, S.D.M. White, V. Springel, J. Stadel and T.R. Quinn: The inner structure of LambdaCDM haloes - III. Universality and asymptotic slopes. *Mon. Not. R. Astron. Soc.* **349**, 1039 (2004).

De Lucia, G., G. Kauffmann and S.D.M. White: Chemical enrichment of the intracluster and intergalactic medium in a hierarchical galaxy formation model. *Mon. Not. R. Astron. Soc.* **349**, 1101 (2004).

Brinchmann, J., S. Charlot, S.D.M. White, C. Tremonti, G. Kauffmann, T. Heckman and J. Brinkmann: The physical properties of star-forming galaxies in the low-redshift Universe'. *Mon. Not. R. Astron. Soc.* **351**, 1151 (2004).

De Lucia, G., B.M. Poggianti, A. Aragon-Salamanca, D. Clowe, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pello, S. Poirier, G. Rudnick, R. Saglia, L. Simard and S.D.M. White: The Buildup of the Red Sequence in Galaxy Clusters since $z \sim 0.8$. *Astrophys. J.* **610**, L77 (2004).

Gao, L., G. De Lucia, S.D.M. White and A. Jenkins: Galaxies and subhaloes in LambdaCDM galaxy clusters. *Mon. Not. R. Astron. Soc.* **352**, L1 (2004).

Kauffmann, G., S.D.M. White, T.M. Heckman, B. Menard, J. Brinchmann, S. Charlot, C. Tremonti and J. Brinkmann: The environmental dependence of the relations between stellar mass, structure, star formation and nuclear activity in galaxies. *Mon. Not. R. Astron. Soc.* **353**, 713 (2004).

Halliday, C., B. Milvang-Jensen, S. Poirier, B.M. Poggianti, P. Jablonka, A. Aragon-Salamanca, R.P. Saglia, G. De Lucia, R. Pello, L. Simard and 5 coauthors including S.D.M. White: Spectroscopy of clusters in the ESO Distant Cluster Survey (EdisCS). *Astron. Astrophys.* **427**, 397 (2004).

Hayashi, E., J.F. Navarro, A. Jenkins, C.S. Frenk, C. Power, S.D.M. White, V. Springel, J. Stadel, T. Quinn and J. Wadsley: Disk Galaxy Rotation Curves in Triaxial CDM Halos. *Astrophysical Journal Letters*, in press (2004).

Gao, L., A. Loeb, P.J.E. Peebles, S.D.M. White and A. Jenkins: Early Formation and Late Merging of the Giant Galaxies. *Astrophysical J.* **614**, 17 (2004).

Hayashi, E., J.F. Navarro, C. Power, A. Jenkins, C.S. Frenk, S.D.M. White, V. Springel, J. Stadel and T. Quinn: The Inner Structure of LCDM Halos II: Halo Mass Profiles and LSB Rotation Curves. *Mon. Not. R. Astron. Soc.* **355**, 794 (2004).

Gao, L., S.D.M. White, A. Jenkins, F. Stoehr and V. Springel: The subhalo populations of LCDM dark

haloes. *Mon. Not. R. Astron. Soc.* **355**, 819 (2004).

T.M. Heckman, G. Kauffmann, J. Brinchmann, S. Charlot, C. Tremonti and S.D.M. White: Present-Day Growth of Black Holes and Bulges: the SDSS Perspective. *Astrophys. J.* 613, 109 (2004).

Tremonti, C.A., T.M. Heckman, G. Kauffmann, J. Brinchmann, S. Charlot, S.D.M. White, M. Seibert, E.W. Peng, D.J. Schlegel, A. Uomoto, M. Fukugita and J. Brinkmann: The Origin of the Mass-Metallicity Relation: Insights from 53,000 Star-Forming Galaxies in the SDSS. *Astrophys. J.* **613**, 898 (2004)

Zibetti, S., S.D.M. White, D.P. Schneider and J. Brinkmann: Intergalactic stars in $z \sim 0.25$ galaxy clusters: systematic properties from stacking of Sloan Digital Sky Survey imaging data. *Mon. Not. R. Astron. Soc.* **358**, 949 (2005).

Bertone, S., F. Stoehr and S.D.M. White: Semi-analytic simulations of galactic winds: volume filling factor, ejection of metals and parameter study. *Mon. Not. R. Astron. Soc.* **359**, 1201 (2005).

Abazajian, K., J.K. Adelman-McCarthy, M.A. Agueros, S.S. Allam, K.S.J. Anderson, S.F. Anderson, J. Annis, N.A. Bahcall, I.K. Baldry, S. Bastian and 144 coworkers including S.D.M. White: The Third Data Release of the Sloan Digital Sky Survey. *Astronomical J.* **129**, 1755 (2005).

Best, P.N., G. Kauffmann, T.M. Heckman, J. Brinchmann, S. Charlot, Z. Ivezic and S.D.M. White: The host galaxies of radio-loud active galactic nuclei: mass dependences, gas cooling and active galactic nuclei feedback. *Mon. Not. R. Astron. Soc.* **362**, 25 (2005).

Gallazzi, A., S. Charlot, J. Brinchmann and S.D.M. White: The ages and metallicities of galaxies in the local universe. *Mon. Not. R. Astron. Soc.* **362**, 41 (2005).

von der Linden, A., B. Poggianti, S.D.M. White and G. Kauffmann: Star formation activity in galaxies near and far. *Astronomische Nachrichten* **326**, 519 (2005).

Springel, V., S.D.M. White, A. Jenkins, C.S. Frenk, N. Yoshida, L. Gao, J. Navarro, R. Thacker, D. Croton, J. Helly and 7 coauthors: Simulations of the formation, evolution and clustering of galaxies and quasars. *Nature* **435**, 629 (2005).

Gao, L., V. Springel and S.D.M. White: The age dependence of halo clustering. *Mon. Not. R. Astron. Soc.* **363**, 66 (2005).

Gao, L., S.D.M. White, A. Jenkins, C.S. Frenk and V. Springel: Early structure in LambdaCDM. *Mon. Not. R. Astron. Soc.* **363**, 379 (2005).

Reed, D.S., R. Bower, C.S. Frenk, L. Gao, A. Jenkins, T. Theuns and S.D.M. White: The first generation of star-forming haloes. *Mon. Not. R. Astron. Soc.* **363**, 393 (2005).

Scannapieco, C., P.B. Tissera, S.D.M. White and V. Springel: Feedback and metal enrichment in cosmological smoothed particle hydrodynamics simulations - I. A model for chemical enrichment. *Mon. Not. R. Astron. Soc.* **364**, 552 (2005).

- White, S.D.M., D.I. Clowe, L. Simard, G. Rudnick, G. De Lucia, A. Aragon-Salamanca, R. Bender, P. Best, M. Bremer, S. Charlot and 16 coauthors: EDisCS - the ESO distant cluster survey. Sample definition and optical photometry. *Astron. Astrophys.* **444**, 365 (2005).
- Adelman-McCarthy, M.A. Ageros, S.S. Allam, K.S.J. Anderson, S.F. Anderson, J. Annis, N.A. Bahcall, I.K. Baldry, J.C. Barentine, A. Berlin and 131 coauthors including S.D.M. White: The Fourth Data Release of the Sloan Digital Sky Survey. *Astrophysical J. Suppl.* **162**, 38 (2006).
- Croton, D.J., V. Springel, S.D.M. White, G. De Lucia, C.S. Frenk, L. Gao, A. Jenkins, G. Kauffmann, J.F. Navarro and N. Yoshida: The many lives of active galactic nuclei: cooling flows, black holes and the luminosities and colours of galaxies. *Mon. Not. R. Astron. Soc.* **365**, 11 (2006).
- De Lucia, G., V. Springel, S.D.M. White, D.J. Croton and G. Kauffmann: The formation history of elliptical galaxies. *Mon. Not. R. Astron. Soc.* **366**, 499 (2006).
- Kitzbichler, M.G. and S.D.M. White: Pure luminosity evolution models: too few massive galaxies at intermediate and high redshift. *Mon. Not. R. Astron. Soc.* **366**, 858 (2006).
- Bertone, S. and S.D.M. White: How do galactic winds affect the Lyman alpha forest? *Mon. Not. R. Astron. Soc.* **367**, 247 (2006).
- Croton, D.J., V., Springel, S.D.M. White, G. De Lucia, C.S. Frenk, L. Gao, A. Jenkins, G. Kauffmann, J.F. Navarro and N. Yoshida: Erratum: The many lives of active galactic nuclei: cooling flows, black holes and the luminosities and colours of galaxies. *Mon. Not. R. Astron. Soc.* **367**, 864 (2006).
- Kauffmann, G., T.M. Heckman, G. De Lucia, J. Brinchmann, S. Charlot, C. Tremonti, S.D.M. White and J. Brinkmann: Gas infall and stochastic star formation in galaxies in the local universe. *Mon. Not. R. Astron. Soc.* **367**, 1349 (2006).
- Li, C., G. Kauffmann, Y.P. Jing, S.D.M. White, G. B?ner and F.Z. Cheng: The dependence of clustering on galaxy properties. *Mon. Not. R. Astron. Soc.* **368**, 21 (2006).
- Li, C., Y.P. Jing, G. Kauffmann, G. B?ner, S.D.M. White and F.Z. Cheng: The dependence of the pairwise velocity dispersion on galaxy properties. *Mon. Not. R. Astron. Soc.* **368**, 37 (2006).
- Clowe, D., P. Schneider, A. Aragon-Salamanca, M. Bremer, G. De Lucia, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pello, B. Poggianti and 5 coauthors including S.D.M. White: Weak lensing mass reconstructions of the ESO Distant Cluster Survey. *Astron. Astrophys.* **451**, 395 (2006).
- Shen, S., S.D.M. White, H.J. Mo, W. Voges, G. Kauffmann, C. Tremonti and S.F. Anderson: The soft X-ray properties of quasars in the Sloan Digital Sky Survey. *Mon. Not. R. Astron. Soc.* **369**, 1639 (2006).
- Gallazzi, A., S. Charlot, J. Brinchmann and S.D.M. White: 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. Astron. Soc.* **370**, 1106 (2006).

- Hayashi, E. and S.D.M. White: How Rare is the Bullet Cluster? *Mon. Not. R. Astron. Soc.* **370**, L38 (2006).
- Scannapieco, C., P. Tissera, S.D.M. White and V. Springel: Feedback and metal enrichment in cosmological SPH simulations - II. A multiphase model with supernova energy feedback. *Mon. Not. R. Astron. Soc.* **371**, 1125 (2006).
- Johnson, O., P. Best, D. Zaritsky, D. Clowe, A. Aragon-Salamanca, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pello, B.M. Poggianti and 4 coauthors including S.D.M. White: The X-ray properties of optically selected $z < 0.6$ clusters in the European Southern Observatory Distant Cluster Survey. *Mon. Not. R. Astron. Soc.* **371**, 1777 (2006).
- Gao, L. and S.D.M. White: Asymmetries in the inner regions of LambdaCDM haloes. *Mon. Not. R. Astron. Soc.* **373**, 65 (2006).
- Li, C., G. Kauffmann, L. Wang, S.D.M. White, T.M. Heckman and Y.P. Jing: The Clustering of narrow-line AGN in the Local Universe. *Mon. Not. R. Astron. Soc.* **373**, 457 (2006).
- Springel, V., C.S. Frenk and S.D.M. White: The large-scale structure of the Universe. *Nature* **440**, 1137 (2006).
- Poggianti, B.M., A. von der Linden, G. De Lucia, V. Desai, L. Simard, C. Halliday, A. Aragon-Salamanca, R. Bower, J. Varela, P. Best and 9 coauthors including S.D.M. White: The Evolution of the Star Formation Activity in Galaxies and Its Dependence on Environment. *Astrophys. J.* **642**, 188 (2006).
- De Lucia, G., B. Poggianti, A. Aragon-Salamanca, S.D.M. White, D. Zaritsky, D. Clowe, C. Halliday, P. Jablonka, A. von der Linden, B. Milvang-Jensen and 4 coauthors: The build-up of the colour magnitude relation in galaxy clusters since $z \sim 0.8$. *Mon. Not. R. Astron. Soc.* **374**, 809 (2007).
- Croton, D.J., L. Gao and S.D.M. White: Halo assembly bias and its effects on galaxy clustering. *Mon. Not. R. Astron. Soc.* **374**, 1303 (2007).
- Kitzbichler, M.G. and S.D.M. White: The high-redshift galaxy population in hierarchical galaxy formation models. *Mon. Not. R. Astron. Soc.* **376**, 2 (2007).
- Kobayashi, C., V. Springel and S.D.M. White: Simulations of Cosmic Chemical Enrichment. *Mon. Not. R. Astron. Soc.* **376**, 1465 (2007).
- Sandvik, H.B., O. Møller, J. Lee and S.D.M. White: Why does the clustering of haloes depend on their formation history? *Mon. Not. R. Astron. Soc.* **377**, 234 (2007).
- Desai, V., J.J. Dalcanton, A. Aragon-Salamanca, P. Jablonka, B. Poggianti, S.M. Gogarten, L. Simard, B. Milvang-Jensen, G. Rudnick, D. Zaritsky and 5 coauthors including S.D.M. White: The Morphological Content of 10 EDisCS Clusters at $0.5 < z < 0.8$. *Astrophys. J.* **660**, 151 (2007).
- Scoville, N., R.G. Abraham, H. Aussel, J.E. Barnes, A. Benson, A.W. Blain, D. Calzetti, A. Comastri, P.

Capak, C. Carilli and 45 coauthors including S.D.M. White: The Angular Correlations of Galaxies in the COSMOS Field. *Astrophys. J. Suppl.* **172**, 38 (2007).

McCracken, H.J., J.A. Peacock, L. Guzzo, P. Capak, C. Porciani, N. Scoville, H. Aussel, A. Finoguenov, J.B. James, M.G. Kitzbichler and 14 coauthors including S.D.M. White: COSMOS: Hubble Space Telescope Observations. *Astrophys. J. Suppl.* **172**, 314 (2007).

Adelman-McCarthy, J.K., M.A. Ageros, S.S. Allam, K.S.J. Anderson, S.F. Anderson, J. Annis, N.A. Bahcall, C.A.L. Bailer-Jones, I.K. Baldry, J.C. Barentine and 144 coauthors including S.D.M. White: The Fifth Data Release of the Sloan Digital Sky Survey. *Astrophys. J. Suppl.* **172**, 634 (2007).

Gao, L. and S.D.M. White: Assembly bias in the clustering of dark matter haloes. *Mon. Not. R. Astron. Soc.* **377**, L5 (2007).

Shen, S., H.J. Mo, S.D.M. White, M.R. Blanton, G. Kauffmann, W. Voges, J. Brinkmann and I. Csabai: Erratum: The size distribution of galaxies in the Sloan Digital Sky Survey. *Mon. Not. R. Astron. Soc.* **379**, 400 (2007).

von der Linden, A., P. Best, G. Kauffmann and S.D.M. White: How special are brightest group and cluster galaxies? *Mon. Not. R. Astron. Soc.* **379**, 867 (2007).

Wang, J. and S.D.M. White: Discreteness effects in simulations of hot/warm dark matter. *Mon. Not. R. Astron. Soc.* **380**, 93 (2007).

White, S.D.M.: Fundamental physics: why Dark Energy is bad for astronomy. *Reports of Progress in Physics* **70**, 883 (2007).

Metcalf, R.B. and S.D.M. White: High-resolution imaging of the cosmic mass distribution from gravitational lensing of pregalactic HI. *Mon. Not. R. Astron. Soc.* **381**, 447 (2007).

Neto, A.F., L. Gao, P. Bett, S. Cole, J.F. Navarro, C.S. Frenk, S.D.M. White, V. Springel and A. Jenkins: The statistics of LambdaCDM halo concentrations. *Mon. Not. R. Astron. Soc.* **381**, 1450 (2007).

Hilbert, S., S.D.M. White, J. Hartlap and P. Schneider: Strong lensing optical depths in a LambdaCDM universe. *Mon. Not. R. Astron. Soc.* **382**, 121 (2007).

Hilbert, S., R.B. Metcalf and S.D.M. White: Imaging the cosmic matter distribution using gravitational lensing of pre-galactic HI. *Mon. Not. R. Astron. Soc.* **382**, 1494 (2007).

Sales, L., J.F. Navarro, D.G. Lambas, S.D.M. White and D.J. Croton: Satellite Galaxies and fossil groups in the Millennium Simulation. *Mon. Not. R. Astron. Soc.* **382**, 1901 (2007).

Gallazzi, A., J. Brinchmann, S. Charlot and S.D.M. White: A census of metals and baryons in stars in the local Universe. *Mon. Not. R. Astron. Soc.* **383**, 1439 (2008).

Evrard, A., J. Bialek, M. Busha, M. White, S. Habib, K. Heitmann, M. Warren, E. Rasia, G. Tormen, L. Moscardini, C. Power, A.R. Jenkins, L. Gao, C.S. Frenk, V. Springel, S.D.M. White and J. Diemand: Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology.

Astrophys. J. **672**, 122 (2008).

Adelman-McCarthy, J.K. M.A. Ageros, S.S. Allam, C. Allende Prieto, K.S.J. Anderson, S.F. Anderson, J. Annis, N.A. Bahcall, C.A.L. Bailer-Jones, I.K. Baldry and 153 coauthors including S.D.M. White: The Sixth Release of the Sloan Digital Sky Survey. *Astrophys. J. Suppl.* **175**, 297 (2008).

Guo, G. and S.D.M. White: Galaxy growth in the concordance LambdaCDM cosmology. *Mon. Not. R. Astron. Soc.* **384**, 2 (2008).

Wang, J., G. De Lucia, M.G. Kitzbichler and S.D.M. White: The Dependence of Galaxy Formation on Cosmological Parameters: Can we distinguish the WMAP1 and WMAP3 Parameters Sets? *Mon. Not. R. Astron. Soc.* **384**, 1301 (2008).

Li, Y.-S. and S.D.M. White: Masses for the Local Group and the Milky Way. *Mon. Not. R. Astron. Soc.* **384**, 1459 (2008).

Vogelsberger, M., S.D.M. White, A. Helmi and V. Springel: The fine-grained phase-space structure of Cold Dark Matter halos. *Mon. Not. R. Astron. Soc.* **385**, 236 (2008).

Li, C., G. Kauffmann, T.M. Heckman, Y.P. Jing and S.D.M. White: Interaction-induced star formation in a complete sample of 10^5 nearby star-forming galaxies. *Mon. Not. R. Astron. Soc.* **385**, 1903 (2008).

Li, C., G. Kauffmann, T.M. Heckman, S.D.M. White and Y.P. Jing: Interactions, star formation and AGN activity. *Mon. Not. R. Astron. Soc.* **385**, 1915 (2008).

Milvang-Jensen, B., S. Noll, C. Halliday, B.M. Poggianti, P. Jablonka, A. Aragon-Salamanca, R.P. Saglia, N. Nowak, A. von der Linden, G. De Lucia and 10 coauthors including S.D.M. White: 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 (2008).

Poggianti, B.M., V. Desai, R. Finn, S. Bamford, G. De Lucia, J. Varela, A. Aragon-Salamanca, C. Halliday, S. Noll, R. Saglia, D. Zaritsky, P. Best, D. Clower, B. Milvang-Jensen, P. Jablonka, R. Pello, G. Rudnick, L. Simard, A. von der Linden and S.D.M. White: The relation between star formation, morphology and local density in high redshift clusters and groups. *Astrophys. J.* **684**, 888 (2008).

Hilbert, S., S.D.M. White, J. Hartlap and P. Schneider: Strong lensing optical depths in a LambdaCDM universe II: the influence of the stellar mass in galaxies, *Mon. Not. R. Astron. Soc.* **386**, 1845 (2008).

Gao, L., J.F. Navarro, S. Cole, C.S. Frenk, S.D.M. White, V. Springel, A. Jenkins and A.F. Neto: The redshift dependence of the structure of massive LCDM halos., *Mon. Not. R. Astron. Soc.* **387**, 536 (2008).

Whiley, I.M., A. Aragon-Salamanca, G. De Lucia, A. von der Linden, S.P. Bamford, P. Best, M.N. Bremer, P. Jablonka, O. Johnson, B. Milvang-Jensen, S. Noll, B.M. Poggianti, G. Rudnick, R. Saglia, S.D.M. White and D. Zaritsky: The evolution of the brightest cluster galaxies since $z \sim 1$ from the ESO Distant Cluster Survey (EdisCS). *Mon. Not. R. Astron. Soc.* **387**, 1253 (2008).

Hayashi, E. and S.D.M. White: Understanding the shape of the halo-mass and galaxy-mass

cross-correlation functions. *Mon. Not. R. Astron. Soc.* **388**, 2 (2008).

Wild, V., G. Kauffmann, S.D.M. White, D. York, M. Lehnert, T. Heckman, P.B. Hall, P. Khare, B. Lundgren, D. Schneider and D. Vanden Berk: Narrow associated QSO absorbers: clustering, outflows, and the line-of-sight proximity effect. *Mon. Not. R. Astron. Soc.* **388**, 227 (2008).

Shen, S., G. Kauffmann, A. von der Linden, S.D.M. White and P. Best: Radio loud AGN and the L_X -sigma relation of galaxy groups and clusters. *Mon. Not. R. Astron. Soc.* **389**, 1074 (2008).

Scannapieco, C., P.B. Tissera, S.D.M. White and V. Springel: Effects of supernova feedback on the formation of galaxy discs. *Mon. Not. R. Astron. Soc.* **389**, 1137 (2008)

Springel, V., S.D.M. White, C.S. Frenk, J.F. Navarro, A. Jenkins, M. Vogelsberger, J. Wang, A. Ludlow and A. Helmi: A blueprint for detecting supersymmetric dark matter in the Galactic halo. *Nature* **456**, 73, November 6 (2008).

Kitzbichler, M.G. and S.D.M. White: A calibration of the relation between the abundance of close galaxy pairs and the rate of galaxy mergers. *Mon. Not. R. Astron. Soc.* **391**, 1489 (2008).

Springel, V., J. Wang, M. Vogelsberger, A. Ludlow, A. Jenkins, A. Helmi, J.F. Navarro, C.S. Frenk and S.D.M. White: The Aquarius Project: the subhaloes of galactic haloes. *Mon. Not. R. Astron. Soc.* **391**, 1685 (2008)

Springel, V., S.D.M. White, C.S. Frenk, J.F. Navarro, A. Jenkins, M. Vogelsberger, J. Wang, A. Ludlow and A. Helmi: Prospects for detecting supersymmetric dark matter in the Galactic Halo. *Nature* **456**, 73 (2008).

White, S.D.M. and M. Vogelsberger: Dark matter caustics. *Mon. Not. R. Astron. Soc.* **392**, 281 (2009).

Mandelbaum, R., C. Li, G. Kauffmann and S.D.M. White: Halo masses for optically selected and for radio-loud AGN from clustering and galaxy-galaxy lensing. *Mon. Not. R. Astron. Soc.* **393**, 377 (2009).

Faltenbacher, A., C. Li, S.D.M. White, Y-P. Jing, S. Mao and J. Wang: Alignment between galaxies and large-scale structure. *Research in Astronomy and Astrophysics* **9**, 41 (2009) .

Poggianti, B.M., A. Aragon-Salamanca, D. Zaritsky, G. De Lucia, B. Milvang-Jensen, V. Desai, P. Jablonka, C. Halliday, G. Rudnick, J. Varela and 9 coauthors including S.D.M. White: The Environments of Starburst and Post-Starburst Galaxies at $z = 0.4-0.8$. *Astrophys. J.* **693**, 112 (2009).

Cimatti, A., M. Robberto, C. Baugh, S.V.W. Beckwith, R. Content, E. Daddi, G. De Lucia, B. Garilli, L. Guzzo, G. Kauffmann and 113 coauthors including S.D.M. White: SPACE: the spectroscopic all-sky cosmic explorer. *Experimental Astronomy* **23**, 39 (2009).

Barazza, F.D., P. Jablonka, V. Desai, S. Jogee, A. Aragon-Salamanca, G. De Lucia, R.P. Saglia, C. Halliday, B.M. Poggianti, J.J. Dalcanton and 8 coauthors including S.D.M. White: Frequency and properties of bars in cluster and field galaxies at intermediate redshift. *Astron. Astrophys.* **497**, 713 (2009).

Metcalf, R.B. and S.D.M. White: Cosmological information in the gravitational lensing of pregalactic HI. *Mon. Not. R. Astron. Soc.* **394**, 704 (2009).

Hilbert, S. J. Hartlap, S.D.M. White and P. Schneider: Ray-tracing through the Millennium simulation: Born corrections and lens-lens coupling in cosmic shear and galaxy-galaxy lensing. *Astron. Astrophys.* **499**, 31 (2009).

Sanchez-Blazquez, P., P. Jablonka, S. Noll, B.M. Poggianti, J. Moustakas, B. Milvang-Jensen, C. Halliday, A. Aragon-Salamanca, R.P. Saglia, V. Desai and 7 coauthors including S.D.M. White: Evolution of red-sequence cluster galaxies from redshift 0.8 to 0.4: ages, metallicities, and morphologies. *Astron. Astrophys.* **499**, 47 (2009).

Vogelsberger, M., A. Helmi, V. Springel, S.D.M. White, J. Wang, C.S. Frenk, A. Jenkins, A. Ludlow and J.F. Navarro: Phase-space structure in the local dark matter distribution and its signature in direct detection experiments. *Mon. Not. R. Astron. Soc.* **395**, 797 (2009).

Abazajian, K.N. J.K. Adelman-McCarthy, M.A. Ageros. S.S. Allam, C. Allende Prieto, D. An, K.S.J. Anderson, S.F. Anderson, J. Annis, N.A. Bahcall and 194 coauthors including S.D.M. White: The Seventh Data Release of the Sloan Digital Sky Survey. *Astrophys. J.S.* **182**, 543 (2009).

Guo, Q. and S.D.M. White: High-redshift galaxy populations and their descendants. *Mon. Not. R. Astron. Soc.* **396**, 39 (2009).

Bonoli, S., F. Marulli, V. Springel, S.D.M. White, E. Branchini and L. Moscardini: Modelling the cosmological co-evolution of supermassive black holes and galaxies II. The clustering of quasars and their dark environment. *Mon. Not. R. Astron. Soc.* **396**, 423 (2009).

Scannapieco, C., S.D.M. White, V. Springel and P.B. Tissera: The formation and survival of disks in a LambdaCDM universe. *Mon. Not. R. Astron. Soc.* **396**, 696 (2009).

Wang, J. and S.D.M. White: Are mergers responsible for universal halo properties? *Mon. Not. R. Astron. Soc.* **396**, 709 (2009).

Poggianti, B., A. Aragon-Salamanca, S. Bamford, F. Barazza, P. Best, D. Clowe, J. Dalcanton, G. De Lucia, V. Desai, R. Finn and 18 coauthors including S.D.M. White: The ESO Distant Cluster Sample: Galaxy Evolution and Environment out to $z = 1$. *The Messenger* **136**, 54 (2009).

Rudnick, G., A. von der Linden, R. Pello, A. Aragon-Salamanca, D. Marchesini, D. Clowe, G. De Lucia, C. Halliday, P. Jablonka, B. Milvang-Jensen and 5 coauthors including S.D.M. White: 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 (2009).

Boylan-Kolchin, M., V. Springel, S.D.M. White, A. Jenkins and G. Lemson: Resolving Cosmic Structure Formation with the Millennium-II Simulation. *Mon. Not. R. Astron. Soc.* **398**, 1150 (2009).

Xu, D., S. Mao, J. Wang, V. Springel, L. Gao, S.D.M. White, C.S. Frenk, A. Jenkins, G. Li and J.F. Navarro: Effects of Dark Matter Substructures on Gravitational Lensing: Results from the Aquarius Simulations. *Mon. Not. R. Astron. Soc.* **398**, 1235 (2009).

- Li, C. and S.D.M. White: The distribution of stellar mass in the low-redshift Universe. *Mon. Not. R. Astron. Soc.* **398**, 2177 (2009).
- Crain, R.A., T. Theuns, C. Dalla Vecchia, V.R. Eke, C.S. Frenk, A. Jenkins, S.T. Kay, J.A. Peacock, F.R. Pearce, J. Schaye, V. Springel, P.A. Thomas, S.D.M. White and R.P.C. Wiersma: Galaxies-Intergalactic Medium interaction Calculation I. Galaxy formation as a function of large-scale environment. *Mon. Not. R. Astron. Soc.* **399**, 1773 (2009).
- Kitaura, F.S., J. Jasche, C. Li, T.A. Ensslin, R.B. Metcalf, B.D. Wandelt, G. Lemson and S.D.M. White: Cosmic Cartography of the Large-Scale Structure with Sloan Digital Sky Survey Data Release 6. *Mon. Not. R. Astron. Soc.* **400**, 183 (2009).
- Vogelsberger, M., S.D.M. White, R. Mohayaee and V. Springel: Caustics in growing Cold Dark Matter Haloes. *Mon. Not. R. Astron. Soc.* **400**, 2174 (2009).
- Simard, L., D. Clowe, V. Desai, J.J. Dalcanton, A. von der Linden, B.M. Poggianti, S.D.M. White, A. Aragon-Salamanca, G. De Lucia, C. Halliday and 6 coauthors: Evolution of the early-type galaxy fraction in clusters since $z = 0.8$. *Astron. Astrophys.* **508**, 1141 (2009).
- Pello, R., G. Rudnick, G. De Lucia, L. Simard, D.I. Clowe, P. Jablonka, B. Milvang-Jensen, R.P. Saglia, S.D.M. White, A. Aragon-Salamanca and 10 coauthors: Photometric redshifts and cluster tomography in the ESO Distant Cluster Survey. *Astron. Astrophys.* **508**, 1173 (2009).
- Angulo, R.E. and S.D.M. White: The Birth and Growth of Neutralino Haloes. *Mon. Not. R. Astron. Soc.* **401**, 1796 (2010).
- Navarro, J.F., A. Ludlow, V. Springel, J. Wang, M. Vogelsberger, S.D.M. White, A. Jenkins and A. Helmi: The Diversity and Similarity of Cold Dark Matter Halos. *Mon. Not. R. Astron. Soc.* **402**, 21 (2010).
- Sawala, T., C. Scannapieco and S.D.M. White: Formation of Isolated Dwarf Galaxies with Feedback. *Mon. Not. R. Astron. Soc.* **402**, 1599 (2010).
- Faltenbacher, A. and S.D.M. White: Assembly Bias and the Dynamical Structure of Dark Matter Halos. *Astrophys. J.* **708**, 469 (2010).
- Tauber, J.A., N. Mandolesi, J.-L. Puget, T. Banos, M. Bersanelli, F.R. Bouchet, R.C. Butler, J. Charra, G. Crone, J. Dodsworth and 490 coauthors including S.D.M. White: Planck pre-launch status: The Planck mission. *Astron. Astrophys.* **520**, 1 (2010).
- Mandolesi, N. M. Bersanelli, R.C. Butler, E. Artal, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro, M. Bartelmann, K. Bennett and 133 coauthors including S.D.M. White: Planck pre-launch status: the Planck-LFI programme. *Astron. Astrophys.* **520**, 3 (2010).
- Zavala, J., M. Vogelsberger and S.D.M. White: Relic density and CMB constraints on dark matter annihilation with Sommerfeld enhancement. *Physical Review D.* **81**, 3502 (2010).

- Gao, L., T. Theuns, C.S. Frenk, A. Jenkins, J.C. Helly, J. Navarro, V. Springel and S.D.M. White: The earliest stars and their relics in the Milky Way. *Mon. Not. R. Astron. Soc.* **403**, 1283 (2010).
- Bonoli, S., F. Shankar, S.D.M. White, V. Springel and J. Stuart B.: On merger bias and the clustering of quasars. *Mon. Not. R. Astron. Soc.* **404**, 399 (2010).
- Hilbert, S. and S.D.M. White: Abundances, masses, and weak-lensing mass profiles of galaxy clusters as a function of richness and luminosity in LambdaCDM cosmologies. *Mon. Not. R. Astron. Soc.* **404**, 486 (2010).
- Guo, Q., S.D.M. White, C. Li and M. Boylan-Kolchin: How do galaxies populate dark matter haloes? *Mon. Not. R. Astron. Soc.* **404**, 1111 (2010).
- Angulo R.E. and S.D.M. White: One simulation to fit them all changing the background parameters of a cosmological N-body simulation. *Mon. Not. R. Astron. Soc.* **405**, 143 (2010).
- Poggianti, B.M., G. De Lucia, J. Varela, A. Aragon-Salamanca, R. Finn, V. Desai, A. von der Linden and S.D.M. White: The evolution of the density of galaxy clusters and groups: denser environments at higher redshifts. *Mon. Not. R. Astron. Soc.* **405**, 995 (2010).
- Ludlow, A.D., J.F. Navarro, V. Springel, M. Vogelsberger, J. Wang, S.D.M. White, A. Jenkins and C.S. Frenk: Secondary infall and the Pseudo-Phase-Space Density Profiles of Cold Dark Matter Halos. *Mon. Not. R. Astron. Soc. Letters* **406**, 137 (2010).
- Cooper, A.P, S. Cole, C.S. Frenk, S.D.M. White, J. Helly, A.J. Benson, G. De Lucia, A. Helmi, A. Jenkins, J.F. Navarro, V. Springel and J. Wang: Galactic stellar haloes in the CDM model, *Mon. Not. R. Astron. Soc.* **406**, 744 (2010).
- Boylan-Kolchin, M., V. Springel, S.D.M. White and A. Jenkins: There's no place like home? Statistics of Milky Way-mass dark matter halos. *Mon. Not. R. Astron. Soc.* **406**, 896 (2010).
- Tissera, P.b., S.D.M. White, S. Pedrosa and C. Scannapieco: Dark matter response to galaxy formation. *Mon. Not. R. Astron. Soc.* **406**, 922 (2010).
- Scannapieco, C., D.A. Gadotti, P. Jonsson and S.D.M. White: An observer's view of simulated galaxies: disc-to-total ratios, bars, and (pseudo-)bulges. *Mon. Not. R. Astron. Soc. Letters* **407**, 41 (2010).
- Li, C. and S.D.M. White: Autocorrelations of stellar light and mass in the low-redshift Universe. *Mon. Not. R. Astron. Soc.* **407**, 515 (2010).
- von der Linden, A., V. Wild, G. Kauffmann, S.D.M. White and S. Weinmann: Star formation and AGN activity in SDSS cluster galaxies. *Mon. Not. R. Astron. Soc.* **404**, 1231 (2010).
- Saglia, R.P., P. Sanchez-Blazquez, R. Bender, L. Simard, V. Desai, A. Aragon-Salamanca, B. Milvang-Jensen, C. Halliday, P. Jablonka, S. Noll and 8 coauthors including S.D.M. White: The fundamental plane of EDisCS galaxies. The effect of size evolution. *Astron. Astrophys.* **524**, 6 (2010).
- Strigari, L.E., C.S. Frenk and S.D.M. White: Kinematics of Milky Way satellites in a Lambda cold dark

matter universe. *Mon.Not. R. Astron. Soc.* **408**, 2364 (2010).

Gao, L., C.S. Frenk, M. Boylan-Kolchin, A. Jenkins, V. Springel and S.D.M. White: The statistics of the subhalo abundance of dark matter haloes. *Mon.Not. R. Astron. Soc.* **410**, 2309 (2011)

Guo, Q., S.D.M. White, M. Boylan-Kolchin, G. De Lucia, G. Kauffmann, G. Lemson, C. Li, V. Springel and S. Weinmann: From dwarf spheroidals to cD galaxies: simulating the galaxy population in a LCDM cosmology. *Mon.Not. R. Astron. Soc.* **413**, 101 (2011)

Sawala, T., Q. Guo, C. Scannapieco, A. Jenkins and S.D.M. White: What is the (dark) matter with dwarf galaxies? *Mon. Not. R. Astron. Soc.* **413**, 659 (2011)

Wang, J. , J.F. Navarro, C.S. Frenk, S.D.M. White, V. Springel, A. Jenkins, A. Helmi, A. Ludlow, and M. Vogelsberger: Assembly history and structure of galactic cold dark matter halos. *Mon.Not. R. Astron. Soc.* **413**, 1373 (2011)

Vogelsberger, M. and S.D.M. White: Streams and caustics: the fine-grained structure of LCDM haloes. *Mon. Not. R. Astron. Soc.* **413**, 1419 (2011)

Vogelsberger, M., R. Mohayaee and S.D.M. White: Nonspherical similarity solutions for dark halo formation. *Mon.Not. R. Astron. Soc.* **414**, 3044 (2011)

Maciejewski, M., M. Vogelsberger, S.D.M. White and V. Springel: Bound and unbound substructures in Galaxy-scale Dark Matter haloes. *Mon.Not. R. Astron. Soc.* **415**, 2475 (2011)

Eisenstein, D.J., D.H. Weinberg, E. Agol, H. Aihara, C. Allende Prieto, S.F. Anderson, J.A. Arns, E. Aubourg, S. Bailey, E. Balbinot and 234 coauthors including S.D.M. White: SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems. *AJ.* **142**, 72 (2011)

SDSS-III collaboration: Hiroaki, A., C. Allende Prieto, D. An, S.F. Anderson, E. Aubourg, E. Balbinot, T.C. Beers, A. Berlind, S.J. Bickerton, D. Bizyaev and 166 coauthors including S.D.M. White: The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III. *Astrophys. J. Suppl.*, submitted (2011)

Helmi, A., A.P. Cooper, S.D.M. White, S. Cole, C.S. Frenk and J.F. Navarro: Substructure in the Stellar Halos of the Aquarius Simulation. *ApJ Letters* **733**, 7 (2011)

Tasca, L.A.M. and S.D.M. White: Quantitative Morphology of Galaxies from the SDSS I: Luminosity in Bulges and Disks, *Astron. Astrophys.* **530**, 106 (2011)

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, F. J. Aumont, C. Baccigalupi, M. Baker, A. Balbi, A.J. Banday and 265 coauthors including S.D.M. White: Planck early results. I. The Planck mission. *Astron. Astrophys.* **536**, A1 (2011)

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, M. Baker, A. Balbi, A.J. Banday and 222 coauthors including S.D.M. White. Planck early results. II. The thermal performance of Planck. *Astron. Astrophys.* **536**, A2 (2011)

Mennella, A., R.C. Butler, a. Curto, F. Cuttaia, R.J. Davis, J. Dick, M. Frailis, S. Galeotta, A. Gregorio, H. Kurki-Suonio and 150 coauthors including S.D.M. White: Planck early results. III. First assessment of the Low Frequency Instrument in-flight performance. *Astron. Astrophys.* **536**, A3 (2011)

Planck HFI Core Team: Ade, P.A.R., N.Aghanim, R. Ansari, M. Arnaud, M. Ashdown, J. Aumont, C. A.J. Banday, M. Bartelmann, J.G. Bartlett and 156 coauthors including Simon D.M. White: Planck early results. IV. First assessment of the High Frequency Instrument in-flight performance. *Astron. Astrophys.* **536**, A4 (2011)

Zacchei, A., D. Maino, C. Baccigalupi, M. Bersanelli, A. Bonaldi, L. Bonavera, C. Burigana, R.C. Butler, F. Cuttaia, de Zotti, G. and 139 coauthors including S.D.M. White: Planck early results. V. The Low Frequency Instrument data processing. *Astron. Astrophys.* **536**, A5 (2011)

Planck HFI Core: Ade, P.A.R., N.Aghanim, R. Ansari, M. Arnaud, M. Ashdown, J. Aumont, A.J. Banday, M. Bartelmann, J.G. Bartlett and 156 coauthors including S.D.M. White: Planck early results. VI. The High Frequency data processing, *Astron. Astrophys.* **536**, A6 (2011)

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.b. Barreiro and 221 coauthors including S.D.M. White: Planck early results. VII. The Early Release Compact Source Catalogue. *Astron. Astrophys.* **536**, A7 (2011)

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro and 228 coauthors including S.D.M. White: Planck early results. VIII. The all-sky early Sunyaev-Zeldovich sample. *Astron. Astrophys.* **536**, A8 (2011)

Planck Collaboration: Aghanim, N., M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro, M. Bartelmann and 194 coauthors including S.D.M. White: Planck early results. IX. XMM-Newton follow-up for validation of Planck cluster candidates. *Astron. Astrophys.* **536**, A9 (2011)

Planck Collaboration: Aghanim, N., M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro, M. Bartelmann and 190 coauthors including S.D.M. White: Planck early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. *Astron. Astrophys.* **536**, A10 (2011)

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro and 200 coauthors including S.D.M. White: Planck early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. *Astron. Astrophys.* **536**, A11 (2011)

Planck Collaboration: Aghanim, N., M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro, M. Bartelmann and 195 coauthors including S.D.M. White: Planck early results. XII. Cluster Sunyaev-Zeldovich optical relations. *Astron. Astrophys.* **536**, A12 (2011)

Planck Collaboration: Aghanim, N., M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro and 182 coauthors including S.D.M. White: Planck

early results. XXVI. Detection with Planck and confirmation by XMM-Newton of PLCK G266.6-27.3, an exceptionally X-ray and massive galaxy cluster at $z \sim 1$. *Astron. Astrophys.* **536**, A26(2011)

Sales, L.V., J.F. Navarro, A.P. Cooper, S.D.M. White, C.S. Frenk and A. Helmi: Clues to the 'Magellanic Galaxy' from cosmological simulations, *Mon.Not. R. Astron. Soc.* **418**, 648 (2011)

Font, A.S., A.J. Benson, R.G. Bower, C.S. Frenk, A. Cooper, G. De Lucia, J.C. Helly, A. Helmi, Y.-S. Li, I.G. McCarthy and 5 coauthors: the population of Milky Way satellites in the Lambda cold dark matter cosmology. *Mon.Not. R. Astron. Soc.* **417**, 1260 (2011)

Scannapieco, C., S.D.M. White, V. Springel, P.B. Tissera: Formation history, structure and dynamics of discs and spheroids in simulated Milky Way mass galaxies. *Mon.Not. R. Astron. Soc.* **417**, 154 (2011)

Vera-Ciro, C.A., L.V. Sales, A. Helmi, C.S. Frenk, J.F. Navarro, V. Springel, M. Vogelsberger and S.D.M. White: The shape of dark matter haloes in the Aquarius simulations: evolution and memory, *Mon.Not. R. Astron. Soc.* **416**, 1377 (2011)

Ludlow, A.D., J.F. Navarro, S.D.M. White, M. Boylan-Kolchin, V. Springel, A. Jenkins and C.S. Frenk: The density and pseudo-phase-space density profiles of cold dark matter haloes. *Mon.Not. R. Astron. Soc.* **415**, 3895 (2011)

Maciejewski, M., M. Vogelsberger, S.D.M. White and V. Springel: Bound and unbound substructures in Galaxy-scale dark matter haloes. *Mon.Not. R. Astron. Soc.* **415**, 2475 (2011)

Aihara, H., C. Allende Prieto, D. An., S.F. Anderson, E. Aubourg, E. Balbinot, T.C. Beers, A.A. Berlind, S.J. Bickerton, D. Bizyaev and 170 coauthors including S.D.M. White: Erratum: *the Eighth Data Release of the Sloan Digital Sky First Data from SDSS-III* (2011, *ApJS*, 193,29), *ApJS* **195**, 26 (2011)

Greif, T.H., V. Springel, S.D.M. White, S.C.O. Glover, P.C. Clark, R.J. Smith, R.S. Klessen and V. Bromm: Simulations on a Moving Mesh: The Clustered Formation of Population III Protostars. *ApJ* **736**, 1(2011)

Greif, T.H., S.D.M. White, R.S. Klessen and V. Springel: The Delay of Population III Star Formation by Supersonic Streaming Velocities. *ApJ* **736**, 147 (2011)

Li, C., S.D.M. White, Y. Chen, A.L. Coil, M. Davis, G. De Lucia, Q. Guo, Y.P. Jing, G. Kauffmann, C.N.A. Willmer and W. Zhang: Autocorrelations of stellar light and mass at $z \sim 0$ and $z \sim 1$: from SDSS to DEEP2. *Mon.Not. R. Astron. Soc.* **419**, 1557 (2012)

Gao, L., C.S. Frenk, A. Jenkins, V. Springel and S.D.M. White: Where will supersymmetric dark matter first be seen? *Mon.Not. R. Astron. Soc.* **419**, 1721 (2012)

Tissera, P.B., S.D.M. White and C. Scannapieco: Chemical signatures of formation processes in the stellar populations of simulated galaxies. *Mon.Not. R. Astron. Soc.* **420**, 255 (2012)

Sawala, T., C. Scannapieco and S.D.M. White: Local Group dwarf galaxies: nature and nurture. *Mon.Not. R. Astron. Soc.* **420**, 1714 (2012)

- Lovell, Mark. R., V. Eke, C.S. Frenk, L. Gao, A. Jenkins, T. Theuns, J. Wang, S.D.M. White, A. Boyarksy and O. Ruchayskiy: The haloes of bright satellite galaxies in a warm dark matter universe. *Mon.Not. R. Astron. Soc.* **420**, 2318 (2012)
- Chen, Y.-M., G. Kauffmann, C.A. Tremonti, S.D.M. White, T.M. Heckman, K. Kovac, K. Bundy, J. Chisholm, C. Maraston, D.P. Schneider and 3 coauthors including S.D.M. White: Evolution of the most massive galaxies to $z=0.6$ – I. A new method for physical parameter estimation. *Mon.Not. R. Astron. Soc.* **421**, 314 (2012)
- Henriques, B.M.B., S.D.M. White, G. Lemson, P.A. Thomas, Q. Guo, G.-D. Marleau and R.a. Overzier: Confronting theoretical models with the observed evolution galaxy population out to $z=4$. *Mon.Not. R. Astron. Soc.* **421**, 2904 (2012)
- Sales, LV.J.F. Navarro, T. Theuns, J. Schaye, S.D.M. White, C.S. Frenk, R.A. Crain and C. Dalla Vecchia: The origin of discs and spheroids in simulated galaxies. *Mon.Not. R. Astron. Soc.* **423**, 1544 (2012)
- Scannapieco, C., M. Wadepuhl, O.H. Parry, J.F. Navarro, A. Jenkins, V. Springel, R. Teyssier, E. Carlson, H.M.P. Couchman, R.A. Crain and 13 coauthors: The Aquila comparison Project: the effects of feedback and methods on simulations of galaxy formation. *Mon.Not. R. Astron. Soc.* **423**, 1726 (2012)
- Laporte, C.F.P, S.D.M. White, T. Naab, M. Ruszkowski and V. Springel: Shallow dark matter cusps in galaxy clusters. *Mon.Not. R. Astron. Soc.* **424**, 747 (2012)
- Wang, W and S.D.M. White: Satellite abundances around bright isolated galaxies. *Mon.Not. R. Astron. Soc.* **424**, 2574 (2012)
- van Daalen, M.P., R.E. Angulo and S.D.M. White: The effects of halo alignment and shape on the clustering of galaxies. *Mon.Not. R. Astron. Soc.* **424**, 2954 (2012)
- Gao, L., J.F. Navarro, C.S. Frenk, A. Jenkins, V. Springel and S.D.M. White: The Phoenix Project: the dark side of rich Galaxy clusters. *Mon.Not. R. Astron. Soc.* **425**, 2169 (2012)
- Angulo, R.E., V. Springel, S.D.M. White, S. Cole, A. Jenkins, C.M. Baugh and C.S. Frenk: The journey of QSO haloes from $z\sim 6$ to the present. *Mon.Not. R. Astron. Soc.* **425**, 2722 (2012).
- De Buhr, J., C.-P. Ma and S.D.M. White: Stellar discs in Aquarius dark matter haloes. *Mon.Not. R. Astron. Soc.* **426**, 983 (2012)
- Angulo, R.E., V. Springel, S.D.M. White, A. Jenkins, C.M. Baugh and C.S. Frenk: Scaling relations for galaxy clusters in the Millennium-XXL simulation. *Mon.Not. R. Astron. Soc.* **426**, 2046 (2012)
- Han, J., C.S. Frenk, V.R. Eke, L. Gao, S.D.M. White, A. Boyarsky, D. Malyshev and O. Ruchayskiy: Constraining extended gamma-ray emission from galaxy clusters, *Mon.Not. R. Astron. Soc.* **427**, 1651 (2012)
- Frenk, C.S. and S.D.M. White: Dark matter and cosmic structure. *Annalen der Physik* **524**, 507 (2012)

Planck Collaboration: Aghanim, N., M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro and 175 coauthors including S.D.M. White: Planck intermediate results. I. Further validation of new Planck clusters with XMM-Newton, *Astron. Astrophys.* **543**, 102 (2012)

de Gasperin, F., E. Orru, M. Murgia, A. Merloni, H. Flacke, R. Beck, R. Beswick, L. Birzan, A. Bonafede, M. Brueggen and 85 coauthors including S.D.M. White: M87 at metre wavelengths: the LOFAR Picture, *Astron. Astrophys.* **547**, 56 (2012).

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday, R.B. Barreiro and 184 coauthors including S.D.M. White: Planck Intermediate Results. IV. The XMM-Newton validation programme for new Planck galaxy clusters. *Astron. Astrophys.* **550**, 19 pp. (2013).

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday and 207 coauthors including S.D. White: Planck Intermediate Results. V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect. *Astron. Astrophys.* **550**, 24 pp. (2013).

Planck Collaboration: Ade, P.A.R., N. Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday and 201 coauthors including S.D.M. White: Planck intermediate results. VIII. Filaments between interacting clusters. *Astron. Astrophys.* **550**, 16 pp. (2013).

Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday and 200 coauthors including S.D.M. White: Planck intermediate results. X. Physics of the hot gas in the Coma cluster. *Astron. Astrophys.* **554**, 19 pp. (2013).

Planck Collaboration: Ade, P.A.R., N. Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A.J. Banday, R.B. Barreiro and 194 coauthors including S.D.M. White: Planck Intermediate Results. XI: The gas content of dark matter halos: the Sunyaev-Zeldovich-stellar mass relation for locally brightest galaxies. *Astron. Astrophys.* **557**, 17 pp. (2013).

Rau, S., S. Vegetti and S.D.M. White: The Effect of Particle Noise in N-body Simulations of Gravitational Lensing. *Mon.Not. R. Astron. Soc.* **430**, 2232-2248 (2013).

Henriques, B., S.D.M. White, P. Thomas, R. Angulo, Q. Guo, G. Lemson and V. Springel: 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. Astron. Soc.* **431**, 3373-3395 (2013).

Sales, L.V., W. Wang, S.D.M. White and J.F. Navarro: Satellites and haloes of dwarf galaxies. *Mon.Not. R. Astron. Soc.* **428**, 573-578 (2013).

Overzier, R., G. Lemson, R.E. Angulo, E. Bertin, J. Blaizot, B.M.B. Henriques, G.D. Marleau and S.D.M. White: the Millennium Run Observatory: first light. *Mon.Not. R. Astron. Soc.* **428**, 778-803 (2013).

- Aumer, M. and S.D.M. White: Idealized models for galactic disc formation and evolution in 'realistic' LambdaCDM haloes. *Mon.Not. R. Astron. Soc.* **428**, 1055-1076 (2013).
- Moster, B.P., T. Naab and S.D.M. White: Galactic star formation and accretion histories from matching galaxies to dark matter haloes. *Mon.Not. R. Astron. Soc.* **428**, 3121-3138 (2013).
- Starkenburger, E., A. Helmi, G. De Lucia, Y-S. Li, J.F. Navarro, A.S. Font, C.S. Frenk, V. Springel, C. Vera-Ciro and S.D.M. White: The satellites of the Milky Way – insights from semi-analytic modelling in a LambdaCDM cosmology. *Mon.Not. R. Astron. Soc.* **429**, 725 (2013).
- Guo, Q., S.D.M. White, R.E. Angulo, B. Henriques, G. Lemson, M. Boylan-Kolchin, P. Thomas, C. Short: Galaxy formation in WMAP1 and WMAP7 cosmologies. *Mon.Not. R. Astron. Soc.* **428**, 1351-1365 (2013).
- Pandey, B., S.D.M. White, V. Springel, R. Angulo: Exploring the non-linear density field in the Millennium simulation with tessellations – I. The probability distribution function. *Mon.Not. R. Astron. Soc.* **435**, 2968- 2981 (2013).
- Chen, Y.-M., G. Kauffmann, T.M. Heckman, C.A. Tremonti, S.D.M. White, H. Guo, D. Wake, D. P. Schneider and K. Schawinski: Evolution of the most massive galaxies to z 0.6 - II. The link between radio AGN activity and star formation. *Mon.Not. R. Astron. Soc.* **429**, 2643-2654 (2013).
- Yan, H.; Fan Z. and S.D.M. White: On the Tidal Dependence of Galaxy Properties (2013), preprint 2013
- Planck Collaboration: Ade, P.A.R., N.Aghanim, M. Arnaud, M. Ashdown, F. Atrio-Barandela, J. Aumont, C. Baccigalupi, A. Balbi, A.J. Banday and 176 coauthors including S.D.M. White: Planck intermediate results. III. The relation between galaxy cluster mass and Sunyaev-Zeldovich signal. *Astron. Astrophys.* **550**, 20 pp. (2013).
- Gómez, F.A.; Helmi, A.; White, S.D.M. et al.: Streams in the Aquarius stellar haloes. *Mon.Not. R. Astron. Soc.* **436**, 3602-3613 (2013).
- Yates, R.M.; Henriques, B.; White, S.D.M. et al.: Modelling element abundances in semi-analytic models of galaxy formation. *Mon.Not. R. Astron. Soc.* **435**, 3500-3520 (2013).
- Laporte, C.F.P.; White, S.D.M.; Naab, T. et al.: The growth in size and mass of cluster galaxies since $z = 2$. *Mon.Not. R. Astron. Soc.* **435**, 901-909 (2013).
- Guo, Q.; White, S.D.M.; Boylan-Kolchin, M. et al.: Erratum: From dwarf spheroidals to cD galaxies: simulating the galaxy population in a LambdaCDM cosmology. *Mon.Not. R. Astron. Soc.* **435**, 897 (2013).
- Cooper, A.P.; D'Souza, R., White, S.D.M. et al.: Galactic accretion and the outer structure of galaxies in the CDM model. *Mon.Not. R. Astron. Soc.* **434**, 3348-3367 (2013).

Aumer, M.; White, S.D.M.; Naab, T. et al.: Towards a more realistic population of bright spiral galaxies in cosmological simulations. *Mon.Not. R. Astron. Soc.* **434**, 3142-3164 (2013).

Planck Collaboration: Ade, P.A.R.; Aghanim, N.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Balbi, A.; Banday, A. J. and 208 coauthors including S.D.M. White: Erratum: Planck intermediate results (Corrigendum). V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect. *Astron. Astrophys.* **558**, 3pp. (2013).

Brinchmann, J.; Charlot, S.; White, S.D.M. et al.: Estimating gas masses and dust-to-gas ratios from optical spectroscopy. *Mon.Not. R. Astron. Soc.* **432**, 2112-2140 (2013).

Cooper, A.P.; Kauffmann, G.; Wang, J. and White, S.D.M.: Using the Millennium II simulation to test CDM predictions for the structure of massive galaxies. *The Intriguing Life of Massive Galaxies, Proceedings of the International Astronomical Union, IAU Symposium* **295**, pp.95-98 (2013).

Ludlow, A.D.; Navarro, J.F.; White, S.D.M. et al.: The mass profile and accretion history of cold dark matter haloes. *Mon.Not. R. Astron. Soc.* **432**, 1103-1113 (2013).

Scoville, N.; Arnouts, S.; White, S.D.M. et al.: Evolution of Galaxies and Their Environments at $z = 0.1-3$ in COSMOS. *The Astrophysical Journal Supplement* **206**, 26 pp. (2013).

Yan, H.; Fan, Z. and S.D.M. White: The dependence of galaxy properties on the large-scale tidal environment. *Mon.Not. R. Astron. Soc.* **430**, 3432-3444 (2013).

Sawala, T.; Frenk, C. S.; Fattahi, A.; Navarro, J.F.; Bower, R.G.; Crain, R.A.; Dalla Vecchia, C.; Furlong, M.; Helly, J.C.; Jenkins, A. and 6 coauthors including S.D.M. White: Local Group galaxies emerge from the dark. **eprint** arXiv:1412.2748 (2014).

De Lucia, G.; Tornatore, L.; Frenk, C.S.; Helmi, A.; Navarro, J.F. and S.D.M. White: Elemental abundances in Milky Way-like galaxies from a hierarchical galaxy formation model. *Mon.Not. R. Astron. Soc.* **445**, 970-987 (2014).

Planck Collaboration; Ade, P.A.R.; Arnaud, M.; Ashdown, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J.; Barreiro, R.B.; Battaner, E.; Benabed, K. and 174 coauthors including S.D.M. White: Planck 2013 results. XXXI. Consistency of the Planck data. *Astron. Astrophys.* **571**, 25 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 232 coauthors including S.D.M. White: Planck 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. *Astron. Astrophys.* **571**, 39 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Aussel, H.; Baccigalupi, C. and 266 coauthors including S.D.M. White: Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources. *Astron. Astrophys.* **571**, 41 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 230 coauthors including S.D.M. White: Planck 2013 results. XXIV. Constraints on primordial non-Gaussianity. *Astron. Astrophys.* **571**, 58 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 229 coauthors including S.D.M. White: Planck 2013 results. XXI. Power spectrum and high-order statistics of the Planck all-sky Compton parameter map. *Astron. Astrophys.* **571**, 18 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 245 coauthors including S.D.M. White: Planck 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. *Astron. Astrophys.* **571**, 20 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 217 coauthors including S.D.M. White: Planck 2013 results. XVIII. The gravitational lensing-infrared background correlation. *Astron. Astrophys.* **571**, 24 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 231 coauthors including S.D.M. White: Planck 2013 results. XVII. Gravitational lensing by large-scale structure. *Astron. Astrophys.* **571**, 39 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 255 coauthors including S.D.M. White: Planck 2013 results. XVI. Cosmological parameters. *Astron. Astrophys.* **571**, 66 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 252 coauthors including S.D.M. White: Planck 2013 results. XV. CMB power spectra and likelihood. *Astron. Astrophys.* **571**, 60 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 233 coauthors including S.D.M. White: Planck 2013 results. VI. High Frequency Instrument data processing. *Astron. Astrophys.* **571**, 44 pp. (2014).

Planck Collaboration; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Baccigalupi, C.; Banday, A. J.; Barreiro, R.B and 222 coauthors including S.D.M. White: Planck 2013 results. II. Low Frequency Instrument data processing. *Astron. Astrophys.* **571**, 25 pp. (2014).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Alves, M.I.R.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Aussel, H. and 391 coauthors including S.D.M. White: Planck 2013 results. I. Overview of products and scientific results. *Astron. Astrophys.* **571**, 48 pp. (2014).

Henriques, B.; White, S.D.M.; Thomas, P. et al.: Galaxy formation in the Planck Cosmology I - Matching the observed evolution of star-formation rates, colours and stellar masses. *Mon.Not. R. Astron. Soc.* **451**, Issue 3, p.2663-2680

Li, M.; Angulo, R.E.; White, S.D.M.; Jasche, J.: Matched filter optimization of kSZ measurements with a reconstructed cosmological flow field. *Mon.Not. R. Astron. Soc.* **443**, 2311-2326 (2014).

Übler, H.; Naab, T.; Oser, L.; Aumer, M.; Sales, L.V.; White, S.D.M.: Why stellar feedback promotes disc formation in simulated galaxies. *Mon.Not. R. Astron. Soc.* **443**, 2092-2111 (2014).

Rau, S.; Vegetti, S.; White, S.D.M.: Lensing model of MACS J1149.5+2223 - I. Cluster mass reconstruction. *Mon.Not. R. Astron. Soc.* **443**, 957-968 (2014).

Planck Collaboration; Adam, R.; Ade, P.A.R.; Aghanim, N.; Arnaud, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J.; Barreiro, R.B.; Bartlett, J.G. and 223 coauthors including S.D.M. White: Planck intermediate results. XXX. The angular power spectrum of polarized dust emission at intermediate and high Galactic latitudes. **eprint** arXiv:1409.5738 (2014).

Laporte, C.F.P.; White, S.D.M.: The re-distribution of matter in the cores of galaxy clusters. **eprint** arXiv:1409.1924 (2014).

Angulo, R.E.; White, S.D.M.; Springel, V.; Henriques, B.: Galaxy formation on the largest scales: the impact of astrophysics on the baryonic acoustic oscillation peak. *Mon.Not. R. Astron. Soc.* **442**, 2131-2144 (2014).

Wang, W.; Sales, L.V.; Henriques, Bruno M.B.; White, S.D.M.: Satellite abundances around bright isolated galaxies - II. Radial distribution and environmental effects. *Mon.Not. R. Astron. Soc.* **442**, 1363-1378 (2014).

Brinchmann, J.; Charlot, S.; Kauffmann, G.; Heckman, T.; White, S.D.M. et al.: VizieR Online Data Catalog: Estimating gas masses from HI and CO data (Brinchmann+ 2013). VizieR On-line Data Catalog: J/MNRAS/432/2112. Originally published in: 2013MNRAS.432.2112B (2014).

Aumer, M.; White, S.D.M.; Naab, T.: The diverse formation histories of simulated disc galaxies. *Mon.Not. R. Astron. Soc.* **441**, 3679-3695 (2014).

Cooper, A.P.; Gao, L.; Guo, Q.; Frenk, C.S.; Jenkins, A.; Springel, V.; White, S.D.M.: Surface photometry of BCGs and intracluster stars in Lambda-CDM. **eprint** arXiv:1407.5627 (2014).

Ludlow, A.D.; Navarro, J.F.; Angulo, R.E.; Boylan-Kolchin, M.; Springel, V.; Frenk, C.; White, S.D.M.: The mass-concentration-redshift relation of cold dark matter haloes. *Mon.Not. R. Astron. Soc.* **441**, 378-388 (2014).

Strigari, L.E.; Frenk, C.S.; White, S.D.M.: Dynamical models for the Sculptor dwarf spheroidal in a Lambda CDM universe. **eprint** arXiv:1406.6079 (2014).

Ahn, C.P.; Alexandroff, R.; Allende Prieto, C.; Anders, F.; Anderson, S.F.; Anderton, T.; Andrews, B.H.; Aubourg, É.; Bailey, S.; Bastien, F.A. and 228 coauthors including S.D.M. White: The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment. *The Astrophysical Journal Supplement* **211**, 16 pp. (2014).
Guo, Q.; White, S.D.M.: Numerical resolution limits on subhalo abundance matching. *Mon.Not. R. Astron. Soc.* **437**, 3228-3235 (2014).

Yates, R.M.; Henriques, B.; Thomas, P.A.; Kauffmann, G.; Johansson, J.; White, S.D.M.: Reconciling the chemical properties of star-forming galaxies, the Milky Way, and local ellipticals. *Memorie della Societa Astronomica Italiana* **85**, 430 (2014).

Crain, R.A.; Schaye, J.; Bower, R.G.; Furlong, M.; Schaller, M.; Theuns, T.; Dalla Vecchia, C.; Frenk, C.S.; McCarthy, I.G.; Helly, J.C. and 4 coauthors including S.D.M. White: The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. *Mon.Not. R. Astron. Soc.* **450**, 1937-1961 (2015).

Anderson, M.E.; Gaspari, M.; White, S.D.M.; Wang, W.; Dai, X.: Unifying X-ray scaling relations from galaxies to clusters. *Mon.Not. R. Astron. Soc.* **449**, 3806-3826 (2015).

Rybak, M., J. P. McKean et al. (incl. S. Vegetti and S. D. M. White): ALMA imaging of SDP.81 -- I. A pixelated reconstruction of the far-infrared continuum emission. *Mon. Not. R. Astron. Soc. Lett.* **451(1)**, L40-L44 (2015).

Rybak, M.; Vegetti, S.; McKean, J.P.; Andreani, P.; White, S.D.M.: ALMA imaging of SDP.81 - II. A pixelated reconstruction of the CO emission lines. *Mon. Not. R. Astron. Soc. Lett.* **453(1)**, L26-L30 (2015).

Oman, K.A.; Navarro, J.F.; White, S.D.M. et al.: The unexpected diversity of dwarf galaxy rotation curves. *Mon. Not. R. Astron. Soc.* **452(4)**, 3650-3665 (2015).

BICEP2/Keck and Planck Collaborations; Ade, P.A.R.; Aghanim, N.; Ahmed, Z.; Aikin, R.W.; Alexander, K.D.; Arnaud, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J. and 269 coauthors including S.D.M. White: Joint Analysis of BICEP2/Keck Array and Planck Data. *Physical Review Letters* **114**, id.101301 (PhRvL Homepage) (2015).

De Lucia, G.; Tornatore, L.; Frenk, C.S.; Helmi, A.; Navarro, J.F.; White, S.D.M.: Erratum: elemental abundances in Milky Way-like galaxies from a hierarchical galaxy formation model. *Mon.Not. R. Astron. Soc.* **447**, 3420-3421 (2015).

White, S.D.M.: The influence of halo evolution on galaxy structure. *Highlights of Astronomy* **16**, 371 (2015).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Arnaud, M.; Ashdown, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J.; Barreiro, R.B.; Barrena, R. and 250 coauthors including S.D.M. White: Planck 2015 results. XXVII. The Second Planck Catalogue of Sunyaev-Zeldovich Sources. **eprint** arXiv:1502.01598 (2015).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Arnaud, M.; Ashdown, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J.; Barreiro, R.B.; Bartlett, J.G. and 225 coauthors including S.D.M. White: Planck 2015 results. XXIV. Cosmology from Sunyaev-Zeldovich cluster counts. **594**, id.A24, (2015).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Arnaud, M.; Ashdown, M.; Aumont, J.; Baccigalupi, C.; Banday, A.J.; Barreiro, R.B.; Bartlett, J.G. and 251 coauthors including S.D.M. White: Planck 2015 results. XIII. Cosmological parameters. **594**, id.A13 (2015).

Planck Collaboration; Adam, R.; Ade, P.A.R.; Aghanim, N.; Akrami, Y.; Alves, M.I.R.; Arnaud, M.; Arroja, F.; Aumont, J.; Baccigalupi, C. and 345 coauthors including S.D.M. White: Planck 2015 results. I. Overview of products and scientific results. **594**, id.A1, (2015).

Planck Collaboration; Ade, P.A.R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.; Atrio-Barandela, F.; Aumont, J.; Aussel, H.; Baccigalupi, C. and 269 coauthors including S.D.M. White: Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources: Addendum. **eprint arXiv:1502.00543** (2015).

Planck Collaboration; Ade, P.A.R.; Aghanim, N. and 268 coauthors including S.D.M. White: Planck 2013 results. XXXII. The updated Planck catalogue of Sunyaev-Zeldovich sources **594**, id.A14, (2015).

Moldón, J.; Deller, A.T.; Wucknitz, O.; Jackson, N.; Drabant, A.; Carozzi, T.; Conway, J.; Kapinska, A.D.; McKean, J.P.; Morabito, L. and 75 coauthors including S.D.M. White: The LOFAR long baseline snapshot calibrator survey. *Astron. Astrophys.* **574**, 13 pp. (2015).

Schaye, J.; Crain, R.A.; Bower, R.G.; Furlong, M.; Schaller, M.; Theuns, T.; Dalla Vecchia, C.; Frenk, C.S.; McCarthy, I.G.; Helly, J.C. and 12 coauthors including S.D.M. White: The EAGLE project: simulating the evolution and assembly of galaxies and their environments. *Mon. Not. R. Astron. Soc.* **446**, 521-554 (2015).

Cooper, A. P., L. Gao et al. (incl. S. D. M. White): Surface photometry of brightest cluster galaxies and intracluster stars in Λ CDM. *Mon. Not. R. Astron. Soc.* **451(3)**, 2703-2722 (2015).

Henriques, B., S. White et al. (incl. G. Lemson): Galaxy formation in the Planck cosmology -- I. Matching the observed evolution of star formation rates, colours and stellar masses. *Mon. Not. R. Astron. Soc.* **451(3)**, 2663-2680 (2015).

Laporte, C. and S.D.M. White: The redistribution of matter in the cores of galaxy clusters. *Mon. Not. R. Astron. Soc.* **451(2)**, 1177-1189 (2015).

Saglia, R., P. Sanchez-Blazquez, R. Bender et al. (incl. S.D.M. White) The fundamental plane of EDisCS galaxies (Corrigendum). The effect of size evolution. *Astron. Astrophys.*, **596**, id.C1, (2015).

Amorisco, N. C., Gomez, F. A., Vegetti, S., and S.D.M. White: Gaps in globular cluster streams: giant molecular clouds can cause them too. *Mon. Not. R. Astron. Soc. Lett.* **463(1)**, L17-L21 (2016).

Terrazas, B. A., Bell, E. F.; B. Henriques, S.D.M. White et al.: Quiescence correlates strongly with directly measured black hole mass in central galaxies. *Astrophys. Journal Letters*, **830(1)**: L12 (2016).

Oman, K. A., Navarro, J. F., Sales, L. V., et al. (incl. S.D.M. White): Missing dark matter in dwarf galaxies? *Mon. Not. R. Astron. Soc.* **460**(4), 3610-3623 (2016).

Terrazas, B. A., Bell, E. F., Henriques, B. M. B. and S.D.M. White: The diversity of growth histories of Milky Way-mass galaxies. , *Mon. Not. R. Astron. Soc.* **459**(2), 1929-1945 (2016).

McAlpine, S., Helly, J., Schaller, et al. (incl. S.D.M. White): The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. *Astronomy and Computing*, **15**, 72-89 2016).

van Daalen, M. P., Henriques, B. M. B., Angulo, R. E., and S.D.M. White: The galaxy correlation function as a constraint on galaxy formation physics. *Mon. Not. R. Astron. Soc.* **458**(1), 934-949 (2016).

Sawala, T., Frenk, C. S., Fattahi, A., Navarro, et al. (incl. S.D.M. White). The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. *Mon. Not. R. Astron. Soc.* **457**(2), 1931-1943 (2016).

Mandelbaum, R., Wang, W., Zu, Y., S.D.M. White, et al: Strong bimodality in the host halo mass of central galaxies from galaxy-galaxy lensing. *Mon. Not. R. Astron. Soc.* **457**(3), 3200-3218 (2016).

Gomez, F. A., S.D.M. White, F. Marinacci, F., et al. (2016). A fully cosmological model of a Monoceros-like ring. *Mon. Not. R. Astron. Soc.* **456**(3), 2779-2793 (2016).

Wang, W., S.D.M. White, R. Mandelbaum, et al. A weak gravitational lensing recalibration of the scaling relations linking the gas properties of dark haloes to their mass. *Mon. Not. R. Astron. Soc.* **456**(3), 2301-2320 (2016).

Planck Collaboration, Adam, R., Ade, P., et al. (incl. S.D.M. White): Planck intermediate results - XXX. The angular power spectrum of polarized dust emission at intermediate and high Galactic latitudes. *Astronomy and Astrophysics*, **586**: A133, pp. 1-25 (2016).

Qu, Y., J. Helly, R. Bower et al. (incl. S.D.M. White): A chronicle of galaxy mass assembly in the EAGLE simulation. *Mon. Not. R. Astron. Soc.* **464**, Issue 2, p.1659-1675 (2017).

Sales, L., J. Navarro, K. Oman et al. (incl. S.D.M. White): The low-mass end of the baryonic Tully-Fisher relation. *Mon. Not. R. Astron. Soc.* **464**, Issue 2, p.2419-2428 (2017).

Marinacci, F., R. Grand et al. (incl. S.D.M. White): Properties of H I discs in the Auriga cosmological simulations. *Mon. Not. R. Astron. Soc.* **466**, Issue 4, 3859-3875 (2017).

Grand, R., F. Gomez, F. Marinacci et al. (incl. S.D.M. White): The Auriga Project: the properties and formation mechanisms of disc galaxies across cosmic time. accepted by *Mon. Not. R. Astron. Soc.* Doi: 10.1093/mnras/stx071.

Gomez, F., S.D.M. White, R. Grand et al: Warps and waves in the stellar discs of the Auriga cosmological simulations. *Mon. Not. R. Astron. Soc.* **465**, issue 3, 3446-3460 (2017).