

Publication list

I have co-authored 93 scientific articles intended for peer-reviewed publication, including 7 first-author papers. They have been cited more than 4,000 times and have an h -index of 35, with more than 300 citations on my first-author papers. The full list of publications can be accessed at the [SAO/NASA Astrophysics Data System](#). This document is maintained live on [github](#).

First-Author Papers

7. **C. Sifón**, R. Herbonnet, H. Hoekstra, R. F. J. van der Burg, M. Viola, “**The Galaxy-Subhalo Connection in Low-Redshift Galaxy Clusters from Weak Gravitational Lensing**”, 2018, [MNRAS](#), 478, 1244 [[arXiv](#)]
6. **C. Sifón**, R. F. J. van der Burg, H. Hoekstra, A. Muzzin, R. Herbonnet, “**A First Constraint on the Average Mass of Ultra Diffuse Galaxies from Weak Gravitational Lensing**”, 2018, [MNRAS](#), 473, 3747 [[arXiv](#)]
5. **C. Sifón** et al. (25 co-authors), “**The Atacama Cosmology Telescope: Dynamical Masses for 44 SZ-Selected Galaxy Clusters over 755 Square Degrees**”, 2016, [MNRAS](#), 461, 248 [[arXiv](#)]
4. **C. Sifón** et al. (26 co-authors), “**The Masses of Satellites in GAMA Galaxy Groups from 100 Square Degrees of KiDS Weak Lensing Data**”, 2015, [MNRAS](#), 454, 3938 [[arXiv](#)]
3. **C. Sifón**, H. Hoekstra, M. Cacciato, M. Viola, F. Köhlinger, R. F. J. van der Burg, D. J. Sand, M. L. Graham, “**Constraints on the Alignments of Galaxies in Galaxy Clusters from $\sim 14,000$ Spectroscopic Members**”, 2015, [A&A](#), 575, A48 [[arXiv](#)]
2. **C. Sifón**, F. Menanteau, J. P. Hughes, M. Carrasco, L. F. Barrientos, “**Strong Lensing Analysis of PLCK G004.5–19.5, a Planck-Discovered Cluster Hosting a Radio Relic at $z = 0.52$** ”, 2014, [A&A](#), 562, A43 [[arXiv](#)]
1. **C. Sifón** et al. (36 co-authors), “**The Atacama Cosmology Telescope: Dynamical Masses and Scaling Relations for a Sample of Massive Sunyaev-Zel’dovich Effect Selected Galaxy Clusters**”, 2013, [ApJ](#), 772, 25 [[arXiv](#)]

Major Contributor Papers

15. N. C. Robertson, **C. Sifón**, et al. (23 co-authors), “**ACT-DR5 Sunyaev-Zel’dovich Clusters: Weak Lensing Mass Calibration with KiDS**”, 2023, [arXiv:2304.10219](#),
14. M. Hilton, **C. Sifón**, et al. (133 co-authors), “**The Atacama Cosmology Telescope: a Catalog of >4000 Sunyaev-Zel’dovich Galaxy Clusters**”, 2021, [ApJS](#), 253, 3 [[arXiv](#)]
13. M. S. Madhavacheril, **C. Sifón**, et al. (61 co-authors), “**The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light**”, 2020, [ApJL](#), 903, 13 [[arXiv](#)]
12. R. Herbonnet, **C. Sifón**, H. Hoekstra, Y. Bahé, R. F. J. van der Burg, J.-B. Melin, A. von der Linden, D. Sand, S. Kay, D. Barnes, “**CCCP and MENeACS: (Updated) Weak-Lensing Masses for 100 Galaxy Clusters**”, 2020, [MNRAS](#), 497, 4684 [[arXiv](#)]
11. M. Hilton, M. Hasselfield, **C. Sifón**, et al. (43 co-authors), “**The Atacama Cosmology Telescope: The Two-Season ACTPol Sunyaev-Zel’dovich Effect Selected Cluster Catalog**”, 2018, [ApJS](#), 235, 20 [[arXiv](#)]
10. J. G. Albert, **C. Sifón**, A. Stroe, F. Mernier, H. T. Intema, H. J. A. Röttgering, G. Brunetti, “**Complex Diffuse Emission in the $z = 0.52$ Cluster PLCK G004.5–19.5**”, 2017, [A&A](#), 607, A4 [[arXiv](#)]
9. R. F. J. van der Burg, H. Hoekstra, A. Muzzin, **C. Sifón**, et al. (17 co-authors), “**The Abundance of Ultra-Diffuse Galaxies from Groups to Clusters: UDGs Are Relatively More Common in More Massive Haloes**”, 2017, [A&A](#), 607, A79 [[arXiv](#)]
8. E. van Uitert, M. Cacciato, H. Hoekstra, M. Brouwer, **C. Sifón**, et al. (29 co-authors), “**The Stellar-to-Halo Mass Relation of GAMA Galaxies from 100 Square Degrees of KiDS Weak Lensing Data**”, 2016, [MNRAS](#), 459, 3251 [[arXiv](#)]

7. D. Kirk, M. L. Brown, H. Hoekstra, B. Joachimi, T. D. Kitching, R. Mandelbaum, **C. Sifón**, M. Cacciato, A. Choi, A. Kiessling, A. Leonard, A. Rassat, B. Malte Schäfer, “**Galaxy Alignments: Observations and Impact on Cosmology**”, 2015, [Space Sci. Rev.](#), **193**, 139 [[arXiv](#)]
6. A. Kiessling, M. Cacciato, B. Joachimi, D. Kirk, T. D. Kitching, A. Leonard, R. Mandelbaum, B. Malte Schäfer, **C. Sifón**, M. L. Brown, A. Rassat, “**Galaxy Alignments: Theory, Modelling & Simulations**”, 2015, [Space Sci. Rev.](#), **193**, 67 [[arXiv](#)]
5. B. Joachimi, M. Cacciato, T. D. Kitching, A. Leonard, R. Mandelbaum, B. Malte Schäfer, **C. Sifón**, H. Hoekstra, A. Kiessling, D. Kirk, A. Rassat, “**Galaxy Alignments: an Overview**”, 2015, [Space Sci. Rev.](#), **193**, 1 [[arXiv](#)]
4. R. F. J. van der Burg, H. Hoekstra, A. Muzzin, **C. Sifón**, M. L. Balogh, S. McGee, “**Evidence for the Inside-Out Growth of the Stellar Mass Distribution in Galaxy Clusters since $z \sim 1$** ”, 2015, [A&A](#), **577**, 19 [[arXiv](#)]
3. M. Hilton, M. Hasselfield, **C. Sifón**, et al. (26 co-authors), “**The Atacama Cosmology Telescope: The Stellar Content of Galaxy Clusters Selected Using the Sunyaev-Zel’dovich Effect**”, 2013, [MNRAS](#), **435**, 3469 [[arXiv](#)]
2. F. Menanteau, **C. Sifón**, et al. (26 co-authors), “**The Atacama Cosmology Telescope: Physical Properties of Sunyaev-Zel’dovich Effect Clusters on the Celestial Equator**”, 2013, [ApJ](#), **765**, 67 [[arXiv](#)]
1. F. Menanteau, J. P. Hughes, **C. Sifón**, et al. (27 co-authors), “**The Atacama Cosmology Telescope: ACT-CL J0102–4915 “El Gordo,” a Massive Merging Cluster at Redshift 0.87**”, 2012, [ApJ](#), **748**, 7 [[arXiv](#)]

Contributing Author Papers (All including **C. Sifón**)

71. M. Aguena et al. (24 co-authors), “**CLMM: a Lsst-Desc Cluster Weak Lensing Mass Modeling Library for Cosmology**”, 2021, [MNRAS](#), **508**, 6092 [[arXiv](#)]
70. S. R. Dicker et al. (29 co-authors), “**Observations of Compact Sources in Galaxy Clusters Using Mustang2**”, 2021, [MNRAS](#), **508**, 2600 [[arXiv](#)]
69. S. Naess et al. (40 co-authors), “**The Atacama Cosmology Telescope: a Search for Planet 9**”, 2021, [ApJ](#), **923**, 224 [[arXiv](#)]
68. J. Kim, M. J. Jee, J. P. Hughes, M. Yoon, K. HyeonHan, F. Menanteau, **C. Sifón**, L. Hovey, P. Arunachalam “**Head-to-toe Measurement of El Gordo: Improved Analysis of the Galaxy Cluster ACT-CI J0102-4915 with New Wide-Field Hubble Space Telescope Imaging Data**”, 2021, [ApJ](#), **923**, 101 [[arXiv](#)]
67. S. Adhikari et al. (113 co-authors), “**Probing Galaxy Evolution in Massive Clusters using ACT and DES: Splashback as a Cosmic Clock**”, 2021, [ApJ](#), **923**, 37 [[arXiv](#)]
66. Y. Li et al. (32 co-authors), “**Constraining Cosmic Microwave Background Temperature Evolution with Sunyaev-Zel’dovich Galaxy Clusters from the Atacama Cosmology Telescope**”, 2021, [ApJ](#), **922**, 136 [[arXiv](#)]
65. T. Shin et al. (139 co-authors), “**The Mass and Galaxy Distribution around SZ-Selected Clusters**”, 2021, [MNRAS](#), **507**, 5758 [[arXiv](#)]
64. Y. Guan et al. (33 co-authors), “**The Atacama Cosmology Telescope: Microwave Intensity and Polarization Maps of the Galactic Center**”, 2021, [ApJ](#), **920**, 6 [[arXiv](#)]
63. J. Orlowski-scherer et al. (34 co-authors), “**Atacama Cosmology Telescope Measurements of a Large Sample of Candidates from the Massive and Distant Clusters of Wise Survey. Sunyaev-Zeldovich Effect Confirmation of Madcows Candidates Using ACT**”, 2021, [A&A](#), **653**, A135 [[arXiv](#)]
62. E. M. Vavagiakis et al. (52 co-authors), “**The Atacama Cosmology Telescope: Probing the Baryon Content of SDSS DR15 Galaxies with the Thermal and Kinematic Sunyaev-Zel’dovich Effects**”, 2021, [Phys. Rev. D](#), **104**, 043503 [[arXiv](#)]
61. V. Calafut et al. (53 co-authors), “**The Atacama Cosmology Telescope: Detection of the Pairwise Kinematic Sunyaev-Zel’dovich Effect with SDSS DR15 Galaxies**”, 2021, [Phys. Rev. D](#), **104**, 043502 [[arXiv](#)]

60. M. Mallaby-Kay et al. (69 co-authors), “**The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access**”, 2020, [ApJS](#), **225**, 11, [[arXiv](#)]
59. N. C. Robertson et al. (46 co-authors), “**Strong Detection of the CMB Lensing \times Galaxy Weak Lensing Cross-Correlation from ACT-DR4, Planck Legacy and KiDS-1000**”, 2021, [A&A](#), **649**, 146, [[arXiv](#)]
58. K. Knowles et al. (28 co-authors), “**MERGHES Pilot: MeerKAT Discovery of Diffuse Emission in Nine Massive Sunyaev-Zel’dovich-Selected Galaxy Clusters from ACT**”, 2021, [MNRAS](#), **504**, 1749 [[arXiv](#)]
57. S. Amodeo et al. (55 co-authors), “**The Atacama Cosmology Telescope: Modelling the Gas Thermodynamics in BOSS CMASS Galaxies from Kinematic and Thermal Sunyaev-Zel’dovich Measurements**”, 2021, [Phys. Rev. D](#), **103**, 063514 [[arXiv](#)]
56. E. Schaen et al. (61 co-authors), “**The Atacama Cosmology Telescope: Combined Kinematic and Thermal Sunyaev-Zel’dovich Measurements from BOSS CMASS and LOWZ Halos**”, 2021, [Phys. Rev. D](#), **103**, 063513 [[arXiv](#)]
55. B. Fuzia et al. (22 co-authors), “**The Atacama Cosmology Telescope: SZ-Based Masses and Dust Emission from IR-Selected Cluster Candidates in the SHELA Survey**”, 2021, [MNRAS](#), **502**, 4026 [[arXiv](#)]
54. O. Darwish et al. (45 co-authors), “**The Atacama Cosmology Telescope: a CMB Lensing Mass Map over 2100 Square Degrees of Sky and its Cross-Correlation with BOSS-CMASS Galaxies**”, 2021, [MNRAS](#), **500**, 2250 [[arXiv](#)]
53. S. Aiola et al. (140 co-authors), “**The Atacama Cosmology Telescope: DR4 Maps and Cosmological Parameters**”, 2020, [JCAP](#), **12**, 047 [[arXiv](#)]
52. S. Naess et al. (61 co-authors), “**The Atacama Cosmology Telescope: Arcminute-Resolution Maps of 18,000 Square Degrees of the Microwave Sky from ACT 2008-2018 Data Combined with Planck**”, 2020, [JCAP](#), **12**, 046 [[arXiv](#)]
51. S. K. Choi et al. (138 co-authors), “**The Atacama Cosmology Telescope: a Measurement of the Cosmic Microwave Background Power Spectra at 98 and 150 GHz**”, 2020, [JCAP](#), **12**, 045 [[arXiv](#)]
50. E. N. Taylor et al. (17 co-authors), “**GAMA+KiDS: Empirical Correlations between Halo Mass and other Galaxy Properties near the Knee of the Stellar-to-Halo Mass Relation**”, 2020, [MNRAS](#), **499**, 2896 [[arXiv](#)]
49. Z. Li et al. (27 co-authors), “**The Cross Correlation of the ABS and ACT Maps**”, 2020, [JCAP](#), **09**, 010 [[arXiv](#)]
48. Y. Rong et al. (13 co-authors), “**Intrinsic Morphology Evolution of Ultra-diffuse Galaxies**”, 2019, [ApJ](#), **899**, 78 [[arXiv](#)]
47. L. Linke et al. (12 co-authors), “**KiDS+VIKING+GAMA: Testing Semi-Analytic Models of Galaxy Evolution with Galaxy-Galaxy-Galaxy-Lensing**”, 2020, [A&A](#), **640**, 59 [[arXiv](#)]
46. M. Madhavacheril et al. (49 co-authors), “**The Atacama Cosmology Telescope: Component-Separated Maps of CMB Temperature and the Thermal Sunyaev-Zel’dovich Effect**”, 2020, [Phys. Rev. D](#), **102**, 023534 [[arXiv](#)]
45. T. Namikawa et al. (55 co-authors), “**The Atacama Cosmology Telescope: Constraints on Cosmic Birefringence**”, 2020, [Phys. Rev. D](#), **101**, 083527 [[arXiv](#)]
44. S. Huang et al. (12 co-authors), “**Weak Lensing Reveals a Tight Connection Between Dark Matter Halo Mass and the Distribution of Stellar Mass in Massive Galaxies**”, 2020, [MNRAS](#), **492**, 3685 [[arXiv](#)]
43. Q. Xia et al. (13 co-authors), “**A Gravitational Lensing Detection of Filamentary Structures Connecting Luminous Red Galaxies**”, 2020, [A&A](#), **633**, 89 [[arXiv](#)]
42. H. Hildebrandt et al. (28 co-authors), “**KiDS+VIKING-450: Cosmic Shear Tomography with Optical+infrared Data**”, 2020, [A&A](#), **633**, 69 [[arXiv](#)]
41. J. S. Speagle et al. (12 co-authors), “**Galaxy-Galaxy Lensing in HSC: Validation Tests and the Impact of Heterogeneous Spectroscopic Training Sets**”, 2019, [MNRAS](#), **490**, 5658 [[arXiv](#)]

40. K. R. Hall et al. (25 co-authors), “**Quantifying the Thermal Sunyaev-Zel’dovich Effect and Excess Millimeter Emission in Quasar Environments**”, 2019, [MNRAS](#), 490, 2315 [[arXiv](#)]
39. A. K. Wright et al. (22 co-authors), “**KiDS+VIKING-450: A New Combined Optical & Near-IR Dataset for Cosmology and Astrophysics**”, 2019, [A&A](#), 632, A34 [[arXiv](#)]
38. C. Hikage et al. (30 co-authors), “**Cosmology from Cosmic Shear Power Spectra with Subaru Hyper Suprime-Cam First-Year Data**”, 2019, [PASJ](#), 71, 43 [[arXiv](#)]
37. H. Miyatake et al. (58 co-authors), “**Weak-Lensing Mass Calibration of ACTPol Sunyaev-Zel’dovich Clusters with the Hyper Suprime-Cam Survey**”, 2019, [ApJ](#), 875, 63 [[arXiv](#)]
36. K. Knowles et al. (14 co-authors), “**GMRT 610 MHz Observations of Galaxy Clusters in the ACT Equatorial Sample**”, 2019, [MNRAS](#), 486, 1332 [[arXiv](#)]
35. M. Brouwer et al. (18 co-authors), “**Studying Galaxy Troughs and Ridges using Weak Gravitational Lensing with the Kilo-Degree Survey**”, 2018, [MNRAS](#), 481, 5189 [[arXiv](#)]
34. R. Wojtak et al. (17 co-authors), “**Galaxy Cluster Mass Reconstruction Project - IV. Understanding the Effects of Imperfect Membership on Cluster Mass Estimation**”, 2018, [MNRAS](#), 481, 324 [[arXiv](#)]
33. A. Jakobs et al. (20 co-authors), “**Multi-Wavelength Scaling Relations in Galaxy Groups: a Detailed Comparison of GAMA and KiDS Observations to BAHAMAS Simulations**”, 2018, [MNRAS](#), 480, 3338 [[arXiv](#)]
32. A. Dvornik et al. (14 co-authors), “**Unveiling Galaxy Bias via the Halo Model, KiDS and GAMA**”, 2018, [MNRAS](#), 479, 1240 [[arXiv](#)]
31. J. P. Greco et al. (13 co-authors), “**Illuminating Low-Surface-Brightness Galaxies with the Hyper Suprime-Cam Survey**”, 2018, [ApJ](#), 857, 104 [[arXiv](#)]
30. J. F. Wu, P. Aguirre, A. J. Baker, M. J. Devlin, M. Hilton, J. P. Hughes, L. Infante, R. R. Lindner, **C. Sifón**, “**Herschel and ALMA Observations of Massive SZE-selected Clusters**”, 2018, [ApJ](#), 853, 195 [[arXiv](#)]
29. E. Medezinski et al. (16 co-authors), “**Source Selection for Cluster Weak Lensing Measurements in the Hyper Suprime-Cam Survey**”, 2018, [PASJ](#), 70, 30 [[arXiv](#)]
28. E. Medezinski et al. (12 co-authors), “**Planck Sunyaev-Zel’dovich Cluster Mass Calibration using Hyper Suprime-Cam Weak Lensing**”, 2018, [PASJ](#), 70, 28 [[arXiv](#)]
27. R. Mandelbaum et al. (27 co-authors), “**The First-Year Shear Catalog of the Subaru Hyper Suprime-Cam SSP Survey**”, 2018, [PASJ](#), 70, 25 [[arXiv](#)]
26. L. Old et al. (18 co-authors), “**Galaxy Cluster Mass Reconstruction Project: III. The Impact of Dynamical Substructure on Cluster Mass Estimates**”, 2018, [MNRAS](#), 475, 853 [[arXiv](#)]
25. M. Velliscig et al. (17 co-authors), “**Galaxy-Galaxy Lensing in EAGLE: Comparison with Data from 180 Square Degrees of the KiDS and GAMA Surveys**”, 2017, [MNRAS](#), 471, 2856 [[arXiv](#)]
24. A. Dvornik et al. (22 co-authors), “**A KiDS Weak Lensing Analysis of Assembly Bias in GAMA Galaxy Groups**”, 2017, [MNRAS](#), 468, 3251 [[arXiv](#)]
23. M. M. Brouwer et al. (22 co-authors), “**First Test of Verlinde’s Theory of Emergent Gravity Using Weak Gravitational Lensing Measurements**”, 2017, [MNRAS](#), 466, 2547 [[arXiv](#)]
22. M. M. Brouwer et al. (36 co-authors), “**Dependence of GAMA Galaxy Halo Masses on the Cosmic Web Environment from 100 Square Degrees of KiDS Weak Lensing Data**”, 2016, [MNRAS](#), 462, 4451 [[arXiv](#)]
21. N. Battaglia et al. (39 co-authors), “**Weak-Lensing Mass Calibration of the Atacama Cosmology Telescope Equatorial Sunyaev-Zel’dovich Cluster Sample with the Canada-France-Hawaii Telescope Stripe 82 Survey**”, 2016, [JCAP](#), 08, 013 [[arXiv](#)]
20. S. Bellstedt et al. (16 co-authors), “**The Evolution in the Stellar Mass of Brightest Cluster Galaxies over the Past 10 Billion Years**”, 2016, [MNRAS](#), 460, 2862 [[arXiv](#)]
19. K. Knowles et al. (21 co-authors), “**A Giant Radio Halo in a Low-Mass SZ-Selected Galaxy Cluster: ACT-CL J0256.5+0006**”, 2016, [MNRAS](#), 459, 4240 [[arXiv](#)]

18. D. Crichton et al. (22 co-authors), **“Evidence for the Thermal Sunyaev-Zel’dovich Effect Associated with Quasar Feedback”**, 2016, *MNRAS*, 458, 1478 [arXiv]
17. J. T. A. de Jong et al. (49 co-authors), **“The First and Second Data Releases of the Kilo Degree Survey”**, 2015, *A&A*, 582, 62 [arXiv]
16. K. Kuijken et al. (35 co-authors), **“Gravitational Lensing Analysis of the Kilo Degree Survey”**, 2015, *MNRAS*, 454, 3500 [arXiv]
15. K. Y. Ng, W. A. Dawson, D. Wittman, M. J. Jee, J. P. Hughes, F. Menanteau, **C. Sifón**, **“The Return of the Merging Galaxy Subclusters of El Gordo?”**, 2015, *MNRAS*, 453, 1531 [arXiv]
14. M. Viola et al. (27 co-authors), **“Dark Matter Halo Properties of GAMA Galaxy Groups from 100 Square Degrees of KiDS Weak Lensing Data”**, 2015, *MNRAS*, 452, 3529 [arXiv]
13. R. R. Lindner et al. (25 co-authors), **“The Atacama Cosmology Telescope: the LABOCA/ACT Survey of Clusters at All Redshifts”**, 2015, *ApJ*, 803, 79 [arXiv]
12. B. Kirk et al. (23 co-authors), **“SALT Spectroscopic Observations of Galaxy Clusters Detected by ACT and a Type II Quasar Hosted by a Brightest Cluster Galaxy”**, 2015, *MNRAS*, 449, 4010 [arXiv]
11. L. Old et al. (24 co-authors), **“Galaxy Cluster Mass Reconstruction Project: II. Results for Galaxy-Based Techniques with Improved Models”**, 2015, *MNRAS*, 449, 1897 [arXiv]
10. M. B. Gralla et al. (41 co-authors), **“A Measurement of the Millimeter Emission and the Sunyaev-Zel’dovich Effect Associated with Low-Frequency Radio Sources”**, 2014, *MNRAS*, 445, 460 [arXiv]
9. L. Old et al. (21 co-authors), **“Galaxy Cluster Mass Reconstruction Project: I. Methods and First Results on Galaxy-Based Techniques”**, 2014, *MNRAS*, 441, 1513 [arXiv]
8. M. J. Jee, J. P. Hughes, F. Menanteau, **C. Sifón**, L. F. Barrientos, L. Infante, R. Mandelbaum, K. Y. Ng, **“Weighing “El Gordo” with a Precision Scale: Hubble Space Telescope Weak-Lensing Analysis of the Galaxy Cluster ACT-CL J0102-4915 at $z = 0.87$ ”**, 2014, *ApJ*, 785, 20 [arXiv]
7. M. Hasselfield et al. (44 co-authors), **“The Atacama Cosmology Telescope: Sunyaev-Zel’dovich Selected Galaxy Clusters at 148 GHz from Three Seasons of Data”**, 2013, *JCAP*, 07, 008 [arXiv]
6. E. Calabrese et al. (34 co-authors), **“Cosmological Parameters from Pre-Planck Cosmic Microwave Background Measurements”**, 2013, *Phys. Rev. D*, 87, 103012 [arXiv]
5. N. Sehgal et al. (36 co-authors), **“The Atacama Cosmology Telescope: Relation between Galaxy Cluster Optical Richness and Sunyaev-Zel’dovich Effect”**, 2013, *ApJ*, 767, 38 [arXiv]
4. H. Miyatake et al. (28 co-authors), **“Subaru Weak-Lensing Measurement of a $z = 0.81$ Cluster Discovered by the Atacama Cosmology Telescope Survey”**, 2013, *MNRAS*, 429, 3627 [arXiv]
3. B. D. Sherwin et al. (31 co-authors), **“The Atacama Cosmology Telescope: Cross-correlation of CMB Lensing and Quasars”**, 2012, *Phys. Rev. D*, 86, 083006 [arXiv]
2. N. Hand et al. (58 co-authors), **“Evidence of Galaxy Cluster Motions with the Kinematic Sunyaev-Zel’dovich Effect”**, 2012, *Phys. Rev. Letters*, 109, 041101 [arXiv]
1. E. D. Reese et al. (44 co-authors), **“The Atacama Cosmology Telescope: High-Resolution Sunyaev-Zel’dovich Array Observations of ACT SZE-selected Clusters from the Equatorial Strip”**, 2012, *ApJ*, 751, 12 [arXiv]