

SCIENTIFIC PUBLICATIONS (August 2018)

Number of *published papers* (“only articles” in ADS): 276

Number of *refereed papers* (“All refereed articles” in ADS): 176 (as 1st author: 40)

Number of *research monographs and chapters in collective volumes*: 5

Total number of *citations for refereed papers* (ADS): 7834 (normalized: 1596; as 1st author: 1894)

Number of *papers with >100 citations*: 20 (as 1st author: 6)

h-index: 46 (normalized: 20; as 1st author: 22)

Other bibliometrics available at [Google Scholar](#), [ORCID](#), [ResearcherID](#)

Listed in the top Italian scientists of the [Virtual Italian Academy](#)

(a) Papers in refereed journals

170. “The universal thermodynamic properties of the intracluster medium over two decades in radius in the X-COP sample”
V. Ghirardini, D. Eckert, **S. Ettori**, E. Pointecouteau, S. Molendi, M. Gaspari, M. Rossetti, S. De Grandi, M. Roncarelli, H. Bourdin, P. Mazzotta, E. Rasia, F. Vazza, 2018, A&A in press (arXiv:1805.00042)
169. “Hydrostatic mass profiles in X-COP galaxy clusters”
S. Ettori, V. Ghirardini, D. Eckert, E. Pointecouteau, F. Gastaldello, M. Sereno, M. Gaspari, S. Ghizzardi, M. Roncarelli, M. Rossetti, 2018, A&A in press (arXiv:1805.00035)
168. “Non-thermal pressure support in X-COP galaxy clusters”
D. Eckert, V. Ghirardini, **S. Ettori**, E. Rasia, V. Biffi, E. Pointecouteau, M. Rossetti, S. Molendi, F. Vazza, F. Gastaldello, M. Gaspari, S. De Grandi, S. Ghizzardi, H. Bourdin, C. Tchernin, M. Roncarelli, 2018, A&A in press (arXiv:1805.00034)
167. “Athena X-IFU synthetic observations of galaxy clusters to probe the chemical enrichment of the Universe”
E. Cucchetti, E. Pointecouteau, P. Peille et al. (including **S. Ettori**), 2018, A&A in press (arXiv:1809.08903)
166. “Spatial Distribution of Metals in the ICM: Evolution of the Iron Excess in Relaxed Galaxy Clusters”
A. Liu, P. Tozzi, H. Yu, S. De Grandi, **S. Ettori**, 2018, MNRAS, 481, 361 (arXiv:1808.06742)
165. “The Three Hundred Project: A large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications”
W. Cui, A. Knebe, G. Yepes et al. (including **S. Ettori**), 2018, MNRAS, 480, 2898 (arXiv:1809.04622)
164. “Dissection of the collisional and collisionless mass components in a mini sample of CLASH and HFF massive galaxy clusters at $z \approx 0.4$ ”
M. Bonamigo, C. Grillo, **S. Ettori**, G.B. Caminha, P. Rosati, et al., 2018, ApJ, 864, 98 (arXiv:1807.10286)
163. “Mass-Richness relations for X-ray and SZE-selected clusters at $0.4 < z < 2.0$ as seen by *Spitzer* at $4.5 \mu\text{m}$ ”
A. Rettura, R. Chary, J. Krick, **S. Ettori**, 2018, ApJ, 867, 12 (arXiv:1705.00037)
162. “Measuring turbulence and gas motions in galaxy clusters via synthetic Athena X-IFU observations”
M. Roncarelli, M. Gaspari, **S. Ettori**, V. Biffi, F. Brighenti, E. Bulbul, N. Clerc, E. Cucchetti, E. Pointecouteau, E. Rasia, 2018, A&A, 618, 39 (arXiv:1805.02577)

161. “Gravitational lensing detection of an extremely dense environment around a galaxy cluster”
M. Sereno, C. Giocoli, L. Izzo, F. Marulli, A. Veropalumbo, **S. Ettori** et al., 2018, Nat. Astr., 2, 744 (arXiv:1807.04277)
160. “The XXL Survey: XXXV. The role of cluster mass in AGN activity”
E. Koulouridis et al. (including **S. Ettori**), 2018, A&A 620, 20K (arXiv:1809.00683)
159. “The XXL Survey: XXIII. The Mass Scale of XXL Clusters from Ensemble Spectroscopy”
A. Farahi, V. Guglielmo, A. E. Evrard, B. M. Poggianti, C. Adami, **S. Ettori** et al., 2018, A&A, 620, 8F (arXiv:1711.07066)
158. “The XXL Survey: XXII. The XXL-North spectrophotometric sample and galaxy stellar mass function in X-ray detected groups and clusters”
V. Guglielmo, B.M. Poggianti, B. Vulcani, C. Adami, F. Gastaldello, **S. Ettori** et al., 2018, A&A, 620, 7G (arXiv:1710.04667)
157. “The XXL Survey XX: The 365 cluster catalogue”
C. Adami et al. (including **S. Ettori**), 2018, A&A, 620, 5A (arXiv:1810.03849)
156. “The XXL Survey: XVI. The clustering of X-ray selected galaxy clusters at $z \sim 0.3$ ”
F. Marulli, A. Veropalumbo, M. Sereno et al. (including **S. Ettori**), 2018, A&A, 620, 1M (arXiv:1807.04760)
155. “Radio-continuum surveys with SKA and LOFAR: a first look at the perspectives for radio mini-halos”
M. Gitti, G. Brunetti, R. Cassano, **S. Ettori**, 2018, A&A, 617, 11 (arXiv:1806.05751)
154. “New Interpretation of the mass–temperature relation and mass calibration of galaxy clusters based on the fundamental plane”
Y. Fujita, K. Umetsu, **S. Ettori**, E. Rasia, N. Okabe, M. Meneghetti, 2018, ApJ, 863, 37 (arXiv:1804.05070)
153. “Probing Cosmology with Dark Matter Halo Sparsity Using X-ray Cluster Mass Measurements”
P.S. Corasaniti, **S. Ettori**, Y. Rasera, M. Sereno, S. Amodeo, M.-A. Breton, V. Ghirardini, D. Eckert, 2018, ApJ, 862, 40 (arXiv:1711.00480)
152. “CLUMP-3D: Three-dimensional Shape and Structure of 20 CLASH Galaxy Clusters from Combined Weak and Strong Lensing”
I.-N. Chiu, K. Umetsu, M. Sereno, **S. Ettori**, M. Meneghetti, J. Merten, J. Sayers, A. Zitrin, 2018, ApJ, 860, 126 (arXiv:1804.00676)
151. “The Projected Dark and Baryonic Ellipsoidal Structure of 20 CLASH Galaxy Clusters”
K. Umetsu, M. Sereno, S.-I. Tam, I.-N. Chiu, Z. Fan, **S. Ettori**, et al., 2018, ApJ, 860, 104 (arXiv:1804.00664)
150. “CLUMP-3D. Testing Λ CDM with galaxy cluster shapes”
M. Sereno, K. Umetsu, **S. Ettori**, J. Sayers, I.-N. Chiu, M. Meneghetti, J. Vega-Ferrero, A. Zitrin, 2018, ApJ, 860L, 4 (arXiv:1804.00667)
149. “The XMM Cluster Outskirts Project (X-COP): Thermodynamic properties of the Intracluster Medium out to R_{200} in Abell 2319”
V. Ghirardini, **S. Ettori**, D. Eckert, S. Molendi, F. Gastaldello, E. Pointecouteau, G. Hurier, H. Bourdin, 2018, A&A, 614, 7 (arXiv:1708.02954)
148. “Shaken Snow Globes: Kinematic Tracers of the Multiphase Condensation Cascade in Massive Galaxies, Groups, and Clusters”

- M. Gaspari, M. McDonald, S. L. Hamer, F. Brighenti, P. Temi, M. Gendron-Marsolais, J. Hlavacek-Larrondo, A. C. Edge, N. Werner, P. Tozzi, M. Sun, J. M. Stone, G. R. Tremblay, M. T. Hogan, D. Eckert, **S. Ettori**, H. Yu, V. Biffi, S. Planelles, 2018, ApJ, 854, 167 (arXiv:1709.06564)
147. “Mass distribution in the core of MACS J1206: robust modeling from an exceptionally large sample of central multiple images”
G.B. Caminha, C. Grillo, P. Rosati, M. Meneghetti, A. Mercurio, **S. Ettori** et al., 2017, A&A, 607, 93 (arXiv:1707.00690)
146. “PSZ2LenS. Weak lensing analysis of the Planck clusters in the CFHTLenS and in the RCSLenS”
M. Sereno, G. Covone, L. Izzo, **S. Ettori**, J. Coupon, M. Lieu, 2017, MNRAS, 472, 1946 (arXiv:1703.06886)
145. “X-ray morphological analysis of the Planck ESZ clusters”
L. Lovisari, W.R. Forman, C. Jones, **S. Ettori**, F. Andrade-Santos, M. Arnaud, J. Democles, G.W. Pratt, S. Randall, R. Kraft, 2017, ApJ, 846, 51 (arXiv:1708.02590)
144. “Deep Chandra observations of the stripped galaxy group falling into Abell 2142”
D. Eckert, M. Gaspari, M.S. Owers, E. Roediger, S. Molendi, F. Gastaldello, S. Paltani, **S. Ettori**, T. Venturi, M. Rossetti, L. Rudnick, 2017, A&A, 605, 25 (arXiv:1705.05844)
143. “Excess entropy and energy feedback from within cluster cores up to R_{200} ”
A. Iqbal, S. Majumdar, B.B. Nath, **S. Ettori**, D. Eckert, M.A. Malik, 2017, MNRAS, 472, 713 (arXiv:1703.00028)
142. “On the Connection between Turbulent Motions and Particle Acceleration in Galaxy Clusters”
D. Eckert, M. Gaspari, F. Vazza, F. Gastaldello, A. Tramacere, S. Zimmer, **S. Ettori**, S. Paltani, 2017, ApJ, 843L, 29 (arXiv:1705.02341)
141. “Joining X-ray to lensing: an accurate combined analysis of MACS J0416.12403”
M. Bonamigo, C. Grillo, **S. Ettori**, G.B. Caminha, P. Rosati, A. Mercurio, M. Annunziatella, I. Balestra, M. Lombardi, 2017, ApJ, 842, 132 (arXiv:1705.10322)
140. “Dark matter distribution in X-ray luminous galaxy clusters with Emergent Gravity”
S. Ettori, V. Ghirardini, D. Eckert, F. Dubath, E. Pointecouteau, 2017, MNRAS, 470L, 29 (arXiv:1612.07288)
139. “On the evolution of the entropy and pressure profiles in X-ray luminous galaxy clusters at $z > 0.4$ ”
V. Ghirardini, **S. Ettori**, S. Amodeo, R. Capasso, M. Sereno, 2017, A&A, 604, 100 (arXiv:1704.01587)
138. “CoMaLit-V. Mass forecasting with proxies. Method and application to weak lensing calibrated samples”
M. Sereno, **S. Ettori**, 2017, MNRAS, 468, 3322 (arXiv:1603.06581)
137. “CLUMP-3D. Three dimensional lensing and multi-probe analysis of MACS J1206.2-0847, a remarkably regular cluster”
M. Sereno, **S. Ettori**, M. Meneghetti, J. Sayers, K. Umetsu, J. Merten, I-N. Chiu, A. Zitrin, 2017, MNRAS, 467, 3801 (arXiv:1702.00795)
136. “Little evidence for non-gravitational energy feedback beyond R_{500} - An end to ICM preheating?”
A. Iqbal, S. Majumdar, B. B. Nath, **S. Ettori**, D. Eckert, M. A. Malik, 2017, MNRAS, 465L, 99 (arXiv:1606.00014)

135. “The XMM Cluster Outskirts Project (X-COP): Physical conditions of Abell 2142 up to the virial radius”
C. Tchernin, D. Eckert, **S. Ettori**, E. Pointecouteau, S. Paltani, S. Molendi, G. Hurier, F. Gastaldello, E.T. Lau, D. Nagai, M. Roncarelli, M. Rossetti, 2016, *A&A*, 595, 42 (arXiv:1606.05657)
134. “Can giant radio halos probe the merging rate of galaxy clusters?”
R. Cassano, G. Brunetti, C. Giocoli, **S. Ettori**, 2016, *A&A*, 593, A81 (arXiv:1606.07293)
133. “The relation between mass and concentration in X-ray galaxy clusters at high redshift”
S. Amodeo, **S. Ettori**, R. Capasso, M. Sereno, 2016, *A&A*, 590, 126 (arXiv:1604.02163)
132. “CLASH-VLT: Dissecting the Frontier Fields Galaxy Cluster MACS J0416.1–2403 with ~ 800 spectra of member galaxies”
I. Balestra et al. (including **S. Ettori**), 2016, *ApJSS*, 224, 33 (arXiv:1511.02522)
131. “The XXL Survey. XIII. Baryon content of the bright cluster sample”
D. Eckert, **S. Ettori**, J. Coupon, F. Gastaldello, M. Pierre et al., 2016, *A&A*, 592, A12 (arXiv:1512.03814)
130. “The XXL Survey: IX. Optical overdensity and radio continuum analysis of a supercluster at $z = 0.43$ ”
N. Baran et al. (including **S. Ettori**), 2016, *A&A*, 592, A8 (arXiv:1607.02146)
129. “The XXL Survey IV. Mass-temperature relation of the bright cluster sample”
M. Lieu, G.P. Smith, P.A. Giles, F. Ziparo, B. J. Maughan et al. (including **S. Ettori**), 2016, *A&A*, 592, A4 (arXiv:1512.03857)
128. “The XXL Survey III. Luminosity-temperature relation of the Bright Cluster Sample”
P.A. Giles, B.J. Maughan, F. Pacaud, M. Lieu, N. Clerc, M. Pierre, C. Adami, L. Chiappetti, J. Democles, **S. Ettori**, J.P. Le Fevre, T. Ponman, T. Sadibekova, G.P. Smith, J. P. Willis, F. Ziparo, 2016, *A&A*, 592, A3 (arXiv:1512.03833)
127. “The XXL Survey: I. Scientific motivations - XMM-Newton observing plan - Follow-up observations and simulation programme”
M. Pierre et al. (including **S. Ettori**), 2016, *A&A*, 592, A1 (arXiv:1512.04317)
126. “The morphologies and alignments of gas, mass, and the central galaxies of CLASH clusters of galaxies”
M. Donahue, **S. Ettori**, E. Rasia, J. Sayers, A. Zitrin, M. Meneghetti, G.M. Voit, S. Golwala, G. Yepes, A. Baldi, A. Koekemoer, M. Postman, 2016, *ApJ*, 819, 36 (arXiv:1601.04947)
125. “CLASH-VLT: A Highly Precise Strong Lensing Model of the Galaxy Cluster RXC J2248.7-4431 (Abell S1063) and Prospects for Cosmography”
G.B. Caminha et al. (including **S. Ettori**), 2016, *A&A*, 587, 80 (arXiv:1512.04555)
124. “A multiwavelength view of the galaxy cluster Abell 523 and its peculiar diffuse radio source”
M. Girardi, W. Boschin, F. Gastaldello, G. Giovannini, F. Govoni, M. Murgia, R. Barrena, **S. Ettori**, M. Trasatti, V. Vacca, 2016, *MNRAS*, 456, 2829 (arXiv:1510.05951)
123. “A critical assessment of the metal content of the ICM”
S. Molendi, D. Eckert, S. De Grandi, **S. Ettori**, F. Gastaldello, S. Ghizzardi, G.W. Pratt, M. Rossetti, 2016, *A&A*, 586, 32 (arXiv:1511.05428)
122. “On the occurrence of Radio Halos in galaxy clusters: insight from a mass-selected sample”
V. Cuciti, R. Cassano, G. Brunetti, D. Dallacasa, R. Kale, **S. Ettori**, T. Venturi, 2015, *A&A*, 580, 97 (arXiv:1506.03209)

121. “New XMM-Newton observation of the Phoenix cluster: properties of the cool core”
P. Tozzi, F. Gastaldello, S. Molendi, **S. Ettori**, J.S. Santos, S. De Grandi, I. Balestra, P. Rosati, B. Altieri, G. Cresci, F. Menanteau, I. Valtchanov, 2015, *A&A*, 580, 6 (arXiv:1505.06913)
120. “A weak lensing analysis of the PLCK G100.2-30.4 cluster”
M. Radovich, I. Formicola, M. Meneghetti, I. Bartalucci, H. Bourdin, P. Mazzotta, L. Moscardini, **S. Ettori**, M. Arnaud, G. Pratt, N. Aghanim, H. Dahle, M. Douspis, E. Pointecouteau, A. Grado, 2015, *A&A*, 579 7 (arXiv:1505.02887)
119. “Three-dimensional Multi-probe Analysis of the Galaxy Cluster A1689”
K. Umetsu, M. Sereno, E. Medezinski, M. Nonino, T. Mroczkowski, J.M. Diego, **S. Ettori**, N. Okabe, T. Broadhurst, D. Lemze, 2015, *ApJ*, 806, 207 (arXiv:1503.01482)
118. “CoMaLit-IV. Evolution and self-similarity of scaling relations with the galaxy cluster mass”
M. Sereno, **S. Ettori**, 2015, *MNRAS*, 450, 3675 (arXiv:1502.05413)
117. “CoMaLit - II. The scaling relation between mass and Sunyaev-Zel’dovich signal for Planck selected galaxy clusters”
M. Sereno, **S. Ettori**, L. Moscardini, 2015, *MNRAS*, 450, 3649 (arXiv:1407.7869)
116. “Comparing Masses in Literature (CoMaLit)-I. Bias and scatter in weak lensing and X-ray mass estimates of clusters”
M. Sereno, **S. Ettori**, 2015, *MNRAS*, 450, 3633 (arXiv:1407.7868)
115. “The evolution of the spatially-resolved metal abundance in galaxy clusters up to $z = 1.4$ ”
S. Ettori, A. Baldi, I. Balestra, F. Gastaldello, S. Molendi, P. Tozzi, 2015, *A&A*, 578, 46 (arXiv:1504.02107)
114. “The mass-concentration relation in lensing clusters: the role of statistical biases and selection effects”
M. Sereno, C. Giocoli, **S. Ettori**, L. Moscardini, 2015, *MNRAS*, 449, 2024 (arXiv:1410.4568)
113. “Gas clumping in galaxy clusters”
D. Eckert, M. Roncarelli, **S. Ettori**, S. Molendi, F. Vazza, F. Gastaldello, M. Rossetti, 2015, *MNRAS*, 447, 2198 (arXiv:1310.8389)
112. “The physics inside the scaling relations for X-ray galaxy clusters: gas clumpiness, gas mass fraction and slope of the pressure profile”
S. Ettori, 2015, *MNRAS*, 446, 2629 (arXiv:1410.8522)
111. “The MUSIC of CLASH: predictions on the concentration-mass relation”
M. Meneghetti et al. (including **S. Ettori**), 2014, *ApJ*, 797, 34 (arXiv:1404.1384)
110. “CLASH-X: A Comparison of Lensing and X-ray Techniques for Measuring the Mass Profiles of Galaxy Clusters”
M. Donahue, G.M. Voit, A. Mahdavi, K. Umetsu, **S. Ettori** et al., 2014, *ApJ*, 794, 136 (arXiv:1405.7876)
109. “The stripping of a galaxy group diving into the massive cluster A2142”
D. Eckert, S. Molendi, M. Owers, M. Gaspari, T. Venturi, L. Rudnick, **S. Ettori**, S. Paltani, F. Gastaldello, M. Rossetti, 2014, *A&A*, 570, 119 (arXiv:1408.1394)
108. “Dark matter-baryons separation at the lowest mass scale: the Bullet Group”
F. Gastaldello et al. (including **S. Ettori**), 2014, *MNRAS*, 442, L76 (arXiv:1404.5633)
107. “Intra Cluster Light properties in the CLASH-VLT cluster MACS J1206.2-0847”
V. Presotto et al. (including **S. Ettori**), 2014, *A&A*, 565, 126 (arXiv:1403.4979)

106. “Mass and Concentration estimates from Weak and Strong Gravitational Lensing: a Systematic Study”
C. Giocoli, M. Meneghetti, R.B. Metcalf, **S. Ettori**, L. Moscardini, 2014, MNRAS, 440, 1899 (arXiv:1311.1205)
105. “CLASH-VLT: Constraints on the Dark Matter Equation of State from Accurate Measurements of Galaxy Cluster Mass Profiles”
B. Sartoris et al. (including **S. Ettori**), 2014, ApJL, 783, L11 (arXiv:1401.5800)
104. “Can AGN feedback break the self-similarity of galaxies, groups, and clusters?”
M. Gaspari, F. Brighenti, P. Temi, **S. Ettori**, 2014, ApJ, 783, L10 (arXiv:1401.5067)
103. “Revisiting scaling relations for giant radio halos in galaxy clusters”
R. Cassano, **S. Ettori**, G. Brunetti, S. Giacintucci, G.W. Pratt, T. Venturi, R. Kale, K. Dolag, M. Markevitch, 2013, ApJ, 777, 141 (arXiv:1306.4379)
102. “On the discrepancy between theoretical and X-ray concentration-mass relations for galaxy clusters”
E. Rasia, S. Borgani, **S. Ettori**, P. Mazzotta, M. Meneghetti, 2013, ApJ, 776, 39 (arXiv:1301.7476)
101. “CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z=0.44$ galaxy cluster MACS 1206.2-0847”
A. Biviano et al. (including **S. Ettori**), 2013, A&A, 558, 1 (arXiv:1307.5867)
100. “The generalized scaling relations for X-ray galaxy clusters: the most powerful mass proxy”
S. Ettori, 2013, MNRAS, 435, 1265 (arXiv:1307.7157)
99. “Gas rotation in galaxy clusters: signatures and detectability in X-rays”
M. Bianconi, **S. Ettori**, C. Nipoti, 2013, MNRAS, 434, 1565 (arXiv:1305.5519)
98. “Cold fronts and metal anisotropies in the X-ray cool core of the galaxy cluster Zw 1742+3306”
S. Ettori, F. Gastaldello, M. Gitti, E. O’Sullivan, M. Gaspari, F. Brighenti, L. David, A. Edge, 2013, A&A, 555, 93 (arXiv:1305.3926)
97. “Sloshing cold fronts in galaxy groups and their perturbing disk galaxies: an X-ray, Optical and Radio Case Study”
F. Gastaldello, L. Di Gesu, S. Ghizzardi, S. Giacintucci, M. Girardi, E. Roediger, M. Rossetti, F. Brighenti, D.A. Buote, D. Eckert, **S. Ettori**, P.J. Humphrey, W.G. Mathews, 2013, ApJ, 770, 56 (arXiv:1304.5478)
96. “Large-scale inhomogeneities of the intracluster medium: improving mass estimates using the observed azimuthal scatter”
M. Roncarelli, **S. Ettori**, S. Borgani, K. Dolag, D. Fabjan, L. Moscardini, 2013, MNRAS, 432, 3030 (arXiv:1303.6506)
95. “Order statistics applied to the most massive and most distant galaxy clusters”
J.-C. Waizmann, **S. Ettori**, M. Bartelmann, 2013, MNRAS, 432, 914 (arXiv:1210.6021)
94. “Baryon Census in Hydrodynamical Simulations of Galaxy Clusters”
S. Planelles, S. Borgani, K. Dolag, **S. Ettori**, D. Fabjan, G. Murante, L. Tornatore, 2013, MNRAS, 431, 1487 (arXiv:1209.5058)
93. “X-ray morphological estimators”
E. Rasia, M. Meneghetti, **S. Ettori**, 2013, Astronomical Review, 8, 40 (arXiv:1211.7040)

92. “The X-ray/SZ view of the virial region. II. Gas mass fraction”
D. Eckert, **S. Ettori**, S. Molendi, F. Vazza, S. Paltani, 2013, A&A, 551 A23 (arXiv:1301.0624)
91. “The X-ray/SZ view of the virial region. I. Thermodynamic properties”
D. Eckert, S. Molendi, F. Vazza, **S. Ettori**, S. Paltani, 2013, A&A, 551, A22 (arXiv:1301.0617)
90. “Properties of gas clumps and gas clumping in the intra cluster medium”
F. Vazza, D. Eckert, A. Simionescu, M. Brüggen, **S. Ettori**, 2013, MNRAS, 429, 799 (arXiv:1211.1695)
89. “Mass, shape and thermal properties of A1689 by a multi-wavelength X-ray, lensing and Sunyaev-Zel’dovich analysis”
M. Sereno, **S. Ettori**, K. Umetsu, A. Baldi, 2013, MNRAS, 428, 2241 (arXiv:1210.3359)
88. “Hydrodynamical simulations of galaxy clusters in dark energy cosmologies: II. c-M relation”
C. De Boni, **S. Ettori**, K. Dolag, L. Moscardini, 2013, MNRAS, 428, 2921 (arXiv:1205.3163)
87. “Cosmology in 2D: the concentration-mass relation for galaxy clusters”
C. Giocoli, M. Meneghetti, **S. Ettori**, L. Moscardini, 2012, MNRAS, 426, 1558 (arXiv:1205.2375)
86. “Self-similarity of temperature profiles in distant galaxy clusters: the quest for a universal law”
A. Baldi, **S. Ettori**, F. Gastaldello, S. Molendi, 2012, A&A, 545, 41 (arXiv:1206.6603)
85. “A Chandra - VLA Investigation of the X-ray Cavity System and Radio Mini-halo in the Galaxy Cluster RBS 797”
A. Doria, M. Gitti, **S. Ettori**, F. Brighenti, P.E.J. Nulsen, B.R. McNamara, 2012, ApJ, 753, 47 (arXiv:1204.6191)
84. “The gas distribution in galaxy cluster outer regions”
D. Eckert, F. Vazza, **S. Ettori**, S. Molendi, D. Nagai, E. T. Lau, M. Roncarelli, M. Rossetti, S. L. Snowden, F. Gastaldello, 2012, A&A, 541, 57 (arXiv:1111.0020)
83. “On the modelling of the excesses of galaxy clusters over high mass thresholds”
J.-C. Waizmann, **S. Ettori**, L. Moscardini, 2012, MNRAS, 422, 3554 (arXiv:1201.3526)
82. “Lensing and X-ray mass estimates of clusters (SIMULATION)”
E. Rasia, M. Meneghetti, R. Martino, S. Borgani, A. Bonafede, K. Dolag, **S. Ettori**, D. Fabjan, C. Giocoli, P. Mazzotta, J. Merten, M. Radovich, L. Tornatore, 2012, New J. Phys., 14, 055018 (arXiv:1201.1569)
81. “Pointing to the minimum scatter: the generalized scaling relations for galaxy clusters”
S. Ettori, E. Rasia, D. Fabjan, S. Borgani, K. Dolag, 2012, MNRAS, 420, 2058 (arXiv:1111.1693)
80. “An XMM-Newton spatially-resolved study of metal abundance evolution in distant galaxy clusters”
A. Baldi, **S. Ettori**, S. Molendi, I. Balestra, F. Gastaldello, P. Tozzi, 2012, A&A, 537, 142 (arXiv:1111.4337)
79. “An application of extreme value statistics to the most massive galaxy clusters at low and high redshifts”
J.-C. Waizmann, **S. Ettori**, L. Moscardini, 2012, MNRAS, 420, 1754 (arXiv:1109.4820)
78. “Shape and orientation of the gas distribution in A1689”
M. Sereno, **S. Ettori**, A. Baldi, 2012, MNRAS, 419, 2646 (arXiv:1109.2732)
77. “On a novel approach using massive clusters at high redshifts as cosmological probe”
J.-C. Waizmann, **S. Ettori**, L. Moscardini, 2011, MNRAS, 418, 456 (arXiv:1105.4099)

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- *CLUMP-3D* in [Sereno et al. \(2018a\)](#): [Media INAF](#)
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