

X-RAY SPECTRA

[Predicting a Single-Temperature Fit to Multicomponent Thermal Plasma Spectra](#)

[The eROSITA X-ray telescope on SRG](#)

[Comparing the temperatures of galaxy clusters from hydrodynamical N-body simulations to Chandra and XMM-Newton observations](#)

[Simulating Chandra observations of galaxy clusters](#)

[Interstellar photoelectric absorption cross sections, 0.03-10 keV](#)

[A New Two-fluid Radiation-hydrodynamical Model for X-Ray Pulsar Accretion Columns](#)

[Temperature and entropy profiles of nearby cooling flow clusters observed with XMM-Newton](#)

ABUNDANCE

[Iron in X-COP](#)

[Chemical enrichment in groups and clusters](#)

[The metal content of the hot atmospheres of galaxy groups](#)

[Evolution of the Cluster X-Ray Scaling Relations since \$z > 0.4\$](#)

[Formation of Galaxy Clusters - NASA/ADS](#)

[X-ray scaling relations from a complete sample of the richest maxBCG clusters](#)

[\(No\) dimming of X-ray clusters beyond \$z \sim 1\$ at fixed mass: crude redshifts and masses from raw X-ray and SZ data - NASA/ADS](#)

[X-Ray Properties of SPT-selected Galaxy Clusters at \$0.2 < z < 1.5\$ Observed with XMM-Newton - NASA/ADS](#)

[Chandra Cluster Cosmology Project II: Samples and X-ray Data Reduction](#)

[Multi-time-scale X-ray reverberation mapping of accreting black holes - NASA/ADS](#)

[On the use of C-stat in testing models for X-ray spectra](#)

[A Systematic Comparison of Galaxy Cluster Temperatures Measured with NuSTAR and Chandra](#)

[XMM-Newton and Chandra Cross Calibration Using HIFLUGCS Galaxy Clusters: Systematic Temperature Differences and Cosmological Impact](#)

[Structures and components in galaxy clusters: observations and models](#)

[Effects of Multiphase Gas and Projection on X-ray Observables in Simulated Galaxy Clusters as Seen by eROSITA](#)

[The MCXC: a Meta-Catalogue of X-ray detected Clusters of galaxies](#)

[X-ray studies of supernova remnants: A different view of supernova explosions - NASA/ADS](#)

HALO MASS FUNCTION

[Press & Schechter: FORMATION OF GALAXIES AND CLUSTERS OF GALAXIES BY SELF-SIMILAR GRAVITATIONAL CONDENSATION*](#)

[Sheth & Tormen: Ellipsoidal collapse and an improved model for the number and spatial distribution of dark matter haloes](#)

[Tinker: TOWARD A HALO MASS FUNCTION FOR PRECISION COSMOLOGY: THE LIMITS OF UNIVERSALITY](#)

[Sheth & Tormen: Large scale bias and the peak background split](#)

[Simultaneous falsification of \$\Lambda\$ CDM and quintessence with massive, distant clusters](#)

[Jenkins et al. 2001](#)

[White 2002](#)

[Warren et al. 2006](#)

[HMFcalc : An Online Tool for Calculating Dark Matter Halo Mass Functions](#)

[MAGNETICUM](#)