

Publication List - Jaime E. FORERO-ROMERO

Refereed Journal Articles

ADS statistics: 14 refereed articles since 2007. Total number of citations: 186. h-index: 8.

- 14 *The MultiDark Database: Release of the Bolshoi and MultiDark Cosmological Simulations*, K. Riebe, A. M. Partl, H. Enke, **J.E. Forero-Romero**, S. Gottloeber, A. Klypin, G. Lemson, F. Prada, J. R. Primack, M. Steinmetz, V. Turchaninov, *Astronomische Nachrichten*, 334, 691, 2013.
- 13 *The kinematics of the Local Group in a cosmological context*, **J.E. Forero-Romero**, Y. Hoffman, S. Bustamante, S. Gottloeber, G. Yepes, *ApJ Letters*, 767, 1, 2013
- 12 *The velocity shear tensor: tracer of halo alignment*, Libeskind N., Hoffman Y., **Forero-Romero J.E.**, Gottloeber S., Knebe A., Steinmetz M., Klypin A., *MNRAS* 428, 2489, 2013
- 11 *Effects of Star Formation Stochasticity on the Ly alpha & Lyman Continuum Emission from Dwarf Galaxies*, **J. E. Forero-Romero** & M. Dijkstra, *MNRAS* 428, 2163, 2013
- 10 *A kinematic classification of the cosmic web*, Y. Hoffman, O. Metuki, G. Yepes, S. Gottloeber, **J. E. Forero-Romero**, N. I. Libeskind, A. Knebe, *MNRAS*, 425, 2049, 2012
- 9 *Modelling the fraction of Lyman Break Galaxies with strong Lyman-alpha emission at $5 < z < 7$* **Forero-Romero J.E.**, Yepes G., Gottloeber S., Prada F., *MNRAS*, 419, 952, 2012
- 8 *The dark matter assembly of the Local Group in constrained cosmological simulations of a Λ CDM universe* **Forero-Romero J.E.**, Hoffman Y., Yepes G., Gottlöber S., Piontek R., Klypin A., Steinmetz M., *MNRAS*, 417, 1434, 2011
- 7 *Halo based reconstruction of the cosmic mass density field* Muñoz-Cuartas J. C., Müller V, **Forero-Romero J. E.**, *MNRAS*, 417, 1303, 2011
- 6 *CLARA's view on the escape fraction of Lyman- α photons in high redshift galaxies* **Forero-Romero J.E.**, Yepes G., Gottlöber S., Knollmann S., Cuesta A., Prada F., *MNRAS*, 415, 3666, 2011
- 5 *Bullet Clusters in the MareNostrum Universe.* **Forero-Romero J.E.**, Yepes G., Gottlöber S., *ApJ*, 725, 1, 2010.
- 4 *Simulated vs. observed UV emission at high redshift: a hint for a clumpy ISM?* **Forero-Romero J.E.**, Yepes G., Gottlöber S., Knollmann S., Khalatyan A., Cuesta A., Prada F., *MNRAS Letters*, 403, L31-L35, 2010

- 3 *The coarse geometry of merger trees in Λ CDM.* **Forero-Romero** J.E., MNRAS, 399, 762-768, 2009
- 2 *A Dynamical Classification of the Cosmic Web.* **Forero-Romero** J.E., Hoffman Y., Gottloeber S., Klypin A., Yepes G., MNRAS, 396, 1815-1824, 2009
- 1 *LEMOMAF: Lensed Mock Map Facility.* **Forero-Romero** J.E., Blaizot J., Devriendt J., Van Waerbeke L., Guiderdoni B., MNRAS, 379. 1507-1518, 2007

Non refereed

- 1 *Visualising Matter and Cosmologies: an Example Based on a Transhistorical Approach*, Lucia Ayala, Jaime E. Forero-Romero, Column 7, pp. 76-82 (2011)