

TOP PAPERS

1. **'Combined effect of thermal and quantum fluctuations in superconducting nanostructures: a path integral approach'**
Pedro Ribeiro, A. M. García-García, [arXiv:1109.4229](https://arxiv.org/abs/1109.4229), Submitted to Phys. Rev. Lett.
2. **'Experimental observation of thermal fluctuations in single superconducting Pb nanoparticles through tunneling measurements'**
I. Brihuega, A. M. García-García, P. Ribeiro, Miguel M. Ugeda, C. H. Michaelis, I. Brihuega and S. Bose, K. Kern, [Phys. Rev. B 2011 \(Editor Suggestions\)](https://doi.org/10.1103/PhysRevB.83.040402)
3. **'Quantum Quenches in Disordered Systems: Approach to Thermal Equilibrium without a Typical Relaxation Time'**
E. Khatami, A. Relaño, M. Rigol, A. M. García-García, [arxiv: 1103.0787](https://arxiv.org/abs/1103.0787). Submitted to Phys. Rev. Lett.
4. **'Observation of shell effects in superconducting nanoparticles of Sn'**
S. Bose, A. M. Garcia-Garcia, Miguel M. Ugeda, J. D. Urbina, C. H. Michaelis, I. Brihuega and Klaus Kern, [Nature Materials 9, 550 \(2010\)](https://doi.org/10.1038/nmat2500).
5. **'Holographic approach to phase transitions'**
S. Franco, A. M. García-García, D. Rodriguez, [Phys. Rev. D \(Rapid Communications\) 81, 041901 \(2010\)](https://doi.org/10.1103/PhysRevD.81.041901).
6. **'Absence of localization in one-dimensional disordered systems'**
A. M. García-García, E. Cuevas, [Phys. Rev. B \(Brief Reports\) 79, 073104 \(2009\)](https://doi.org/10.1103/PhysRevB.79.073104).
7. **'A semiclassical theory of the Anderson transition'**
A. M. García-García, [Phys. Rev. Lett., 100, 076404 \(2008\)](https://doi.org/10.1103/PhysRevLett.100.076404).
8. **'Chiral phase transition in QCD as a metal insulator transition'**
A. M. García-García, J. Osborn, [Phys. Rev. D 75, 034503 \(2007\)](https://doi.org/10.1103/PhysRevD.75.034503).
9. **'The Anderson transition in quantum chaos'**
A. M. García-García, J. Wang, [Phys. Rev. Lett. 94, 244102\(2005\)](https://doi.org/10.1103/PhysRevLett.94.244102).
10. **'Critical statistics in quantum chaos and Calogero Sutherland model at finite temperature'**
A. M. García-García, J.J.M. Verbaarschot, [Phys.Rev. E 67, 046104\(2003\)](https://doi.org/10.1103/PhysRevE.67.046104).