

TOP PAPERS

0. **'Observation of shell effects in superconducting nanoparticles of Sn'**
S. Bose, A. M. García-García, Miguel M. Ugeda, J. D. Urbina, C. H. Michaelis, I. Brihuega and Klaus Kern, [Nature Materials 9, 550 \(2010\)](#).
1. **'A semiclassical theory of the Anderson transition'**
A. M. García-García, [Phys. Rev. Lett., 100, 076404 \(2008\)](#).
2. **'Holographic approach to phase transitions'**
S. Franco, A. M. García-García, D. Rodríguez,
[Phys. Rev. D \(Rapid Communications\) 81, 041901 \(2010\)](#).
3. **'Combined effect of thermal and quantum fluctuations in superconducting nanostructures: a path integral approach'**
P. Ribeiro, A. M. García-García, [Phys. Rev. Lett. 108, 097004 \(2012\)](#).
4. **'BCS theory for finite size superconductors'**
A. M. García-García, J. D. Urbina, E. Yuzbashyan, K. Richter and B. Altshuler, [Phys. Rev. Lett., 100, 187001 \(2008\)](#).
5. **'Chiral phase transition in QCD as a metal insulator transition'**
A. M. García-García, J. Osborn, [Phys. Rev. D 75, 034503 \(2007\)](#).
6. **'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 \(Editor Suggestions\)](#)
7. **'The Anderson transition in quantum chaos'**
A. M. García-García, J. Wang, [Phys. Rev. Lett. 94, 244102\(2005\)](#).
8. **'Quantum Quenches in Disordered Systems: Approach to Thermal Equilibrium without a Typical Relaxation Time'**
E. Khatami, A. Relaño, M. Rigol, A. M. García-García, [Phys. Rev. E 85, 050102 \(2012\) \(Rapid Comm.\)](#).
9. **'Absence of localization in one-dimensional disordered systems'**
A. M. García-García, E. Cuevas,
[Phys. Rev. B \(Brief Reports\) 79, 073104 \(2009\)](#).

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\(2003\)](#).