

List of published papers

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- V. Brouet, W. L. Yang, X. J. Zhou, H. J. Choi, S. G. Louie, M. L. Cohen, A. Goldoni, F. Parmigiani, Z. Hussain, Z.-X. Shen, "Orientation-dependent C_{60} electronic structures revealed by angle-resolved photoemission", *Physical Review Letters* **93**, 197601-1 – 197601-4 (2004).
- M. Ishigami, H. J. Choi, S. Aloni, S. G. Louie, M. L. Cohen, A. Zettl, "Identifying defects in nanoscale materials", *Physical Review Letters* **93**, 196803-1 – 196803-4 (2004).
- H. J. Choi, D. Roundy, H. Sun, M. L. Cohen, S. G. Louie, "Reply to 'Comment on 'First-principles calculation of the superconducting transition in MgB_2 within the anisotropic Eliashberg formalism' " ", *Physical Review B* **69**, 056502-1 – 056502-1 (2004).
- W. L. Yang, V. Brouet, X. J. Zhou, H. J. Choi, S. G. Louie, M. L. Cohen, S. A. Kellar, P. V. Bogdanov, A. Lanzara, A. Goldoni, F. Parmigiani, Z. Hussain, Z.-X. Shen, "Band structure and Fermi surface of electron-doped C_{60} monolayers", *Science* **300**, 303-307 (2003).
- H. J. Choi, M. L. Cohen, S. G. Louie, "Anisotropic Eliashberg theory of MgB_2 : Tc, isotope effects, superconducting energy gaps, quasiparticles, and specific heat", *Physica C* **385**, 66-74 (2003) (invited paper for special issue on MgB_2).
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- H. J. Choi, J. Ihm, S. G. Louie, M. L. Cohen, “Defects, quasi-bound states, and quantum conductance in metallic carbon nanotubes”, *Physical Review Letters* **84**, 2917-2920 (2000).
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- P. Delaney, H. J. Choi, J. Ihm, S. G. Louie, M. L. Cohen, “Broken symmetry and pseudogaps in ropes of carbon nanotubes”, *Physical Review B* **60**, 7899-7904 (1999).
- H. J. Choi, J. Ihm, “Exact solutions to the tight-binding model for the conductance of carbon nanotubes”, *Solid State Communications* **111**, 385-390 (1999).
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