

2006 SRC PUBLICATIONS

61 Items Published

1. **P. N. Juranić, D. Lukić, K. Barger, and R. Wehlitz**, “Experimental Evidence for Modulations in the Relative Double-photoionization Cross Section of C_{60} from Threshold up to 280 eV,” *Phys. Rev. Lett.* **96**, 023001-1–023001-4 (2006).
2. **P. N. Juranić, D. Lukić, K. Barger, and R. Wehlitz**, “Multiple Photoionization and Fragmentation of C_{60} in the 18–280 eV Range,” *Phys. Rev. A* **73**, 042701-1–042701-8 (2006).
3. **S. G. Urquhart and R. Gillies**, “Matrix Effects in the Carbon 1s Near Edge X-ray Absorption Fine Structure Spectra of Condensed Alkanes,” *J. Chem. Phys.* **124**, 234704-1–234704-8 (2006).
4. **C. O. Guerra, J. B. Maciel, C. C. Turci, H. Ikeura-Sekiguchi, and A. P. Hitchcock**, “Ionic Fragmentation of C 1s Excited and Ionized Formic Acid,” *Chem. Phys.* **326**, 589–599 (2006).
5. **R. Hemmers, D. Guillemin, A. Rolles, D. Wolska, W. Lindle, E. P. Kanter, B. Krassig, S. H. Southworth, R. Wehlitz, B. Zimmerman, V. McKoy, and P. W. Langhoff**, “Low-energy Nondipole Effects in Molecular Nitrogen Valence-shell Photoionization,” *Phys. Rev. Lett.* **97**, 103006-1–103006-4 (2006).
6. **P. N. Juranić, J. Nordberg, and R. Wehlitz**, “Single- and Double-photoionization Data of Na and K Corroborate the Existence of a Universal Scaling Law for the Ratio,” *Phys. Rev. A* **74**, 042707-1–042707-7 (2006).
7. **S. B. Whitfield, R. Wehlitz, H. R. Varma, T. Banerjee, P. C. Deshmukh, and S. T. Manson**, “Resonance-induced Deviations of β from 2.0 for Rare Gas S-subshell Photoionization,” *J. Phys. B* **39**, L335–L343 (2006).
8. **R. Wehlitz and P. N. Juranić**, “Resonant Double Photoionization of Lithium Studied with Medium Energy Resolution,” *Phys. Rev. A* **74**, 042721-1–042721-6 (2006).
9. **X. Shi, L. Li, C. M. Evans, and G. L. Findley**, “Energy of the Quasi-free Electron in Xenon,” *Chem. Phys. Lett.* **432**, 62–67 (2006).
10. **J. N. Crain and F. J. Himpsel**, “Low-dimensional Electronic States at Silicon Surfaces,” *Appl. Phys. A* **82**, 431–438 (2006).
11. **S.-J. Tang, T. Miller, and T.-C. Chiang**, “Modification of Surface States in Ultrathin Films via Hybridization with the Substrate: A Study of Ag on Ge,” *Phys. Rev. Lett.* **96**, 036802-1–036802-4 (2006).
12. **U. Chatterjee, M. Shi, A. Kaminski, A. Kanigel, H. M. Fretwell, K. Terashima, T. Takahashi, S. Rosenkranz, Z. Z. Li, H. Raffy, A. Santander-Syro, K. Kadowaki, M. R. Norman, M. Randeria, and J. C. Campuzano**, “Nondispersive Fermi Arcs and the Absence of Charge Ordering in the Pseudogap Phase of $Bi_2Sr_2CaCu_2O_{8+\delta}$,” *Phys. Rev. Lett.* **96**, 107006-1–107006-4 (2006).
13. **F. Wang, J. V. Alvarez, S.-K. Mo, J. W. Allen, G.-H. Gweon, J. He, R. Jin, D. Mandrus, and H. Höchst**, “New Luttinger-liquid Physics from Photoemission on $Li_{0.9}Mo_6O_{17}$,” *Phys. Rev. Lett.* **96**, 196403-1–196403-4 (2006).

14. **F. Zheng, J. L. McChesney, X. Liu, and F. J. Himpsel**, "Orientation of Fluorophenols on Si(111) by Near Edge X-ray Absorption Fine Structure Spectroscopy," *Phys. Rev. B* **73**, 205315-1–205315-7 (2006).
15. **Barke, F. Zheng, A. R. Konicek, R. C. Hatch, and F. J. Himpsel**, "Electron-Phonon Interaction at the Si(111)-7×7 Surface," *Phys. Rev. Lett.* **96**, 216801-1–216801-4 (2006).
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24. **N. J. Speer, S.-J. Tang, T. Miller, and T.-C. Chiang**, "Coherent Electronic Fringe Structure in Incommensurate Silver-Silicon Quantum Wells," *Science* **314**, 804–806 (2006).
25. **Barke, F. Zheng, T. K. Rugheimer, and F. J. Himpsel**, "Experimental Evidence for Spin-split Bands in a One-dimensional Chain Structure," *Phys. Rev. Lett.* **97**, 226405-1–226405-4 (2006).
26. **F. Wang, S.-K. Mo, J. W. Allen, H.-D. Kim, J. He, R. Jin, D. Mandrus, A. Sekiyama, S. Suga, and M. Tsunekawa**, "Case for Bulk Nature of Spectroscopic Luttinger Liquid Signatures Observed in Angle-Resolved Photoemission Spectra of $\text{Li}_{0.9}\text{Mo}_6\text{O}_{17}$," *Phys. Rev. B* **74**, 113107-1–113107-4 (2006).
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30. **R. A. Bosch and K. J. Kleman**, "Effect of Dipole-Quadrupole Robinson Mode Coupling Upon the Beam Response to Radio-frequency Phase Noise," *Phys. Rev. ST Accel. Beams* **9**, 094401-1–094401-12 (2006).
31. **R. A. Bosch**, "Double-pulse THz Radiation Bursts from Laser-Plasma Acceleration," *Phys. Plasmas* **13**, 113107-1–113107-8 (2006).
32. **Gallant, M. Rak, A. Szeghalmi, M. R. Del Bigio, D. Westaway, J. Yang, R. Julian, and K. M. Gough**, "Focally Elevated Creatine Detected in Amyloid Precursor Protein (APP) Transgenic Mice and Alzheimer Disease Brain Tissue," *J. Biol. Chem.* **281**, 5–8 (2006).
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