

# REFEREED PUBLICATIONS

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## REFEREED JOURNAL ARTICLES

- 1) S. X. Aboutalebi, S. Aminorroaya-Yamini, I. Nevirkovets, K. Konstantinov, and H. K. Liu, "Enhanced hydrogen storage in graphene oxide-MWCNTs composite at room temperature", *Advanced Energy Materials* 2, 1439 (2012).
- 2) S. Aminorroaya-Yamini, C. Zhang, X. L. Wang, and I. Nevirkovets, "Crystal structure, electronic structure and thermoelectric properties of n-type BiSb<sub>5</sub>Te<sub>2</sub>", *Journal of Physics D – Applied Physics* 45, 125301 (2012).
- 3) Y. S. Ang, Z. S. Ma, C. Zhang, "Retro reflection of electrons at the interface of bilayer graphene and superconductor", *Scientific Reports* 2, 1013 (2012).
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- 5) Y. S. Ang and C. Zhang, "Enhanced optical conductance in graphene superlattice due to anisotropic band dispersion", *Journal of Physics D – Applied Physics* 45, 395303 (2012).
- 6) M. G. Babaoğlu, S. Safran, Ö. Çiçek, H. Ağıl, E. Ertekin, M. S. A. Hossain, E. Yanmaz, A. Gencer, "Microstructural and superconducting properties of C<sub>6</sub>H<sub>6</sub> added bulk MgB<sub>2</sub> superconductor", *Journal of Magnetism and Magnetic Materials* 324, 3455 (2012).
- 7) A. Calka, A. A. Chowdhury, and K. Konstantinov, "Rapid synthesis of functional oxides by electric discharge assisted mechanical milling method", *Journal of Alloys and Compounds* 536, S3 (2012).
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- 10) Q. J. Chen, Y. S. Ang, R. A. Lewis, X. L. Wang, and C. Zhang, "Photomixing in topological insulator HgTe/CdTe quantum wells in terahertz regime", *Applied Physics Letters* 101, 211109 (2012).
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- 12) Z. X. Cheng, H. Shen, J. Y. Xu, P. Liu, S. J. Zhang, J. L. Wang, X. L. Wang, and S. X. Dou, "Magnetocapacitance effect in nonmultiferroic YFeO<sub>3</sub> single crystal", *Journal of Applied Physics* 111, 034103 (2012).
- 13) A. T. Chidembo, S. H. Aboutalebi, K. Konstantinov, M. Salari, B. Winton, and S. A. Yamini, I. P. Nevirkovets, and H. K. Liu, "Globular reduced graphene oxide-metal oxide structures for energy storage applications", *Energy & Environmental Science* 5, 5236 (2012).
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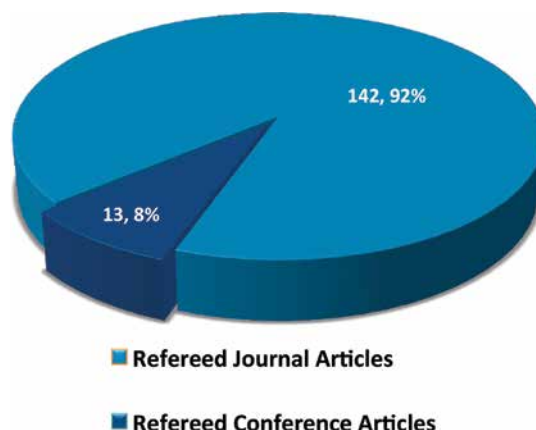
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