



JOURNAL PUBLICATIONS 2011 BY MEMBER

ARSHAK, AROUSIAN

Korostynska, O., A. Arshak, K. Arshak and D. Morris. September 2011. Investigation into Real-time Pressure Sensing Properties of SnO₂, TiO₂ and TiO₂/ZnO Thick Films with Interdigitated Electrodes. *Materials Science and Engineering B*, 176 (16), pp. 1297-1300. ISSN: 0921-5107.

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Korostynska, O., A. Arshak, K. Arshak and D. Morris. September 2011. Investigation into Real-time Pressure Sensing Properties of SnO₂, TiO₂ and TiO₂/ZnO Thick Films with Interdigitated Electrodes. *Materials Science and Engineering B*, 176 (16), pp. 1297-1300. ISSN: 0921-5107.

BUCKLEY, NOEL

Barrett, C. A., A. Singh, J. A. Murphy, C. O'Sullivan, D. N. Buckley and K. M. Ryan. September 2011. Complete Synthesis of Germanium Nanocrystal Encrusted Carbon Colloids in Supercritical CO₂ and Their Superhydrophobic Properties. *Langmuir*, 27 (17), pp. 11166-11173. ISSN: 0743-7463.

Sharif, A. M., D. N. Buckley, M. Buck and C. Silien. November 2011. Bonding Asymmetry and Adatoms in Low-density Self-assembled Monolayers of Dithiols on Au(111). *The Journal of Physical Chemistry C*, 115 (44), pp. 21800-21803. ISSN: 1932-7447.

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Davis, N. F., D. M. Fanning, B. B. McGuire, G. T. Carroll and H. D. Flood. December 2011. Perioperative Management of Chronic Anticoagulation Therapy in Urological Patients: A Cross-sectional Survey of Practice. *Irish Journal of Medical Science*, 180 (4), pp. 823-828. ISSN: 0021-1265.

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Clarkin, O., A. Wren, R. Thornton, J. Cooney and M. R. Towler. September 2011. Antibacterial Analysis of a Zinc-based Glass Polyalkenoate Cement. *Journal of Biomaterials Applications*, 26 (3), pp. 277-292. ISSN: 0885-3282.

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McArdle, S., S. Girish, J. J. Leahy and T. Curtin. December 2011. Selective Hydrogenation of Sunflower Oil Over Noble Metal Catalysts. *Journal of Molecular Catalysis A: Chemical*, 351, pp. 179-187. ISSN: 1381-1169.

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Grace, A. and P. J. Frawley. February-March 2011. Experimental Parametric Equation for the Prediction of Valve Coefficient (C_v) for Choke Valve Trims. *International Journal of Pressure Vessels and Piping*, 88 (2-3), pp. 109-118. ISSN: 0308-0161.

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Barrett, M., H. Hao, A. Maher, B. K. Hodnett, B. Glennon and D. Croker. May 2011. In-situ Monitoring of Supersaturation and Polymorphic Form of Piracetam during Batch Cooling Crystallization. *Organic Process Research and Development*, 15 (3), pp. 681-687. ISSN: 1083-6160.

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Nakahara, S., D. A. Tanner, S. Hudson, E. Magner, W. Redington and K. Hodnett. January 2011. Defocus Image Contrast in Hexagonally-ordered Mesoporous Material. *Physical Chemistry Chemical Physics*, 13 (3), pp. 1189-1200. ISSN: 1463-9076.

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Frizzell, R. M., C. T. McCarthy and M. A. McCarthy. June 2011. Simulating Damage and Delamination in Fibre Metal Laminate Joints Using a Three-dimensional Damage Model with Cohesive Elements and Damage Regularisation. *Composites Science and Technology*, 71 (9), pp. 1225-1235. ISSN: 0266-3538.

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Carroll, G. T., T. M. McGloughlin, P. E. Burke, M. Egan, F. Wallis and M. T. Walsh. February 2011. Wall Shear Stresses Remain Elevated in Mature Arteriovenous Fistulas: A Case Study. *Journal of Biomechanical Engineering*, 133 (2), Article 021003, 9 pages. ISSN: 0148-0731.

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