

Recent publications

Journals:

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4. Wu, L., Hoa, S.V., and Wang, H., "Improvement of flammability resistance of epoxy adhesives used in infrastructure applications", CSCE journal, Vol. 34, No. 3, March 2007, pp. 323-330.
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13. Rosca, I.D. and Hoa, S.V., "Highly conductive multiwall carbon nanotube and epoxy composites produced by three-roll milling", Carbon, 2009, doi:10.1016/j.carbon.2009.03.039, Vol. 47, 2009, 1958-1968.
14. Nofar, R., Hoa, S.V., and Pugh, M., "Failure detection and monitoring in polymer matrix composites subjected to static and dynamic loads using carbon nanotube networks", Composites Science and Technology, doi:10:1016, jcompositech2009.03010, , Vol. 69, 2009, pp. 1599-1606.
15. Ngo, T.D., Ton-That, M.T., Hoa, S.V., and Cole, K.C., "Effect of temperature, during and speed of pre-mixing on the dispersion of clay/epoxy nanocomposites", Composites Science and Technology, Vol. 69, 2009, pp. 1831-1840.

16. Hu, S., Hoa, S.V., and Ganesan, R., "A new evaluation method for surface finish of composite automotive panels using waveform analysis", *Journal of Composite Materials*, Vol. 43, No. 8, April 2009, pp. 843-875.
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22. Ahmed, A.F. and Hoa, S.V., "Optimization and thermal conduction modeling for a hybrid reinforced composite material for solid rocket motor insulation", *Materials Science and Engineering*, Volume 4, No. 6, June 2010, pp. 13-22.
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19. Mehdipour, A., Rosca, I.D., Trueman, C.W. Sebak, A.R., Hoa, S.V., Shielding Effectiveness Analysis of Reinforced Continuous Carbon Fiber (RCCF) Composites: Numerical and Experimental Study", Proc. First joint US/Canada conference on composites, University of Delaware, September 15-17, 2009.
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