REFEREEED PUBLICATIONS

(a) Journals


[38] S. Pakpour, A. S. Milani, M. Chenier (2012) “A multi-criteria decision-making approach for comparing different sample preservation and DNA extraction methods from swine feces, American Journal of Molecular Biology, 2: 159-169


Note: The above paper was directly from my individual PhD work; Prof. J. A. Nemes was my supervisor.


(b) Conference Proceedings


[100] A. Mosavi, A.S. Milani, M. Hoffmann, M. Komeili “Multiple criteria decision making integrated with mechanical modeling of draping for material selection of textile composites”, 15th European Conference on Composite Materials, 24 - 28 June, Venice, Italy

[101] A. Mosavi, M Hoffmann, A.S. Milani (2012) “Optimal design of the NURBS curves and surfaces utilizing multiobjective optimization and decision making algorithms of RSO”, The 2nd Conference of PhD Students in Mathematics, University of Debrecen, Faculty of Informatics, June 28 - June 30, Szeged, Hungary


[104] F. Alavi, A. Behravesh, A. S. Milani (2011) “Determining fracture toughness of a wood plastic composite as a cohesive zone parameter”, Polymer Processing Society, 2011 Asia/Australia Regional Meeting, November 15-17, Kish Island, Iran


M. Meigunpoori, A. S. Milani, R. T. Faal (2000) “Selection of optimum gear ratio of overdrive for 5-speed gearboxes”, 2nd Provincial Conference in Mechanical Engineering, Semnan University, Semnan, Iran


(c) Other


[139] M. Komeili, A.S. Milani (2013) “Towards a general-purpose finite element model for the simulation of woven fabrics deformation during forming processes”, 3rd Poster Competition, April 28th, 2013, School of Engineering, UBC Okanagan (Received the honorary-4th place award in PhD Poster Presentations competition)


3. **BOOKS**

(a) **Authored**


(b) Edited


[161] P. Harrison, A. S. Milani, R. Rafiee (Guest Editors), Special Issue on “Modeling, Characterization, and Processing of Advanced Composites” in the International Journal of Advances in Materials Science and Engineering (expected publication date: Spring 2013)

[162] A. S. Milani, A. Jahan (Guest Editors) (2012), Special Issue on “Materials Selection and Design” in the International Journal of Materials and Structural Integrity (Vol. 6, Nos. 2/3/4, pp. 95-338)


(c) Chapters


4. PATENTS

[169] A new test fixture for combined biaxial-shear testing of woven fabrics’, designed and manufactured in 2012 in collaboration with the City College of New York, and the Naval Undersea Warfare Center (under submission)
5. OTHER WORKS


