



**Professor Mehmet Ali Guler**



From: Guler MA, Cerit ME, Bayram B, Gerceker B, Karakaya E. The effect of geometrical parameters on the energy absorption characteristics of thin-walled structures under axial impact loading. International Journal of Crashworthiness 2010;15(4):377e90

See:

<http://mguler.etu.edu.tr/>

[https://www.researchgate.net/profile/Mehmet\\_Guler2](https://www.researchgate.net/profile/Mehmet_Guler2)

<https://neu.edu.tr/academic/faculties/faculty-of-engineering/academic-staff/prof-dr-mehmet-ali-guler/>

<https://scholar.google.com/citations?user=R-LK1KsAAAAJ&hl=en>

Mechanical Engineering

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#### **Selected Publications:**

Guler MA, Cerit ME, Bayram B, Gerceker B, Karakaya E. The effect of geometrical parameters on the energy absorption characteristics of thin-walled structures under axial impact loading. International Journal of Crashworthiness 2010;15(4):377e90.

E. Acar, M.A. Guler, B. Gereker, M.E. Cerit and B. Bayram, "Multi-objective crashworthiness optimization of tapered thin-walled tubes with axisymmetric indentations", Thin-Walled Structures, Vol. 49, No. 1, pp 94-105, January 2011

Levent Sozen, Mehmet A. Guler, Deniz Bekar and Erdem Acar, "Investigation and prediction of springback in rotary-draw tube bending process using finite element method, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, Vol. 226, No. 12, pp 2967-2981, December 2012

A. Tastan, E. Acar, M.A. Guler and U. Kilinckaya, "Optimum crashworthiness design of tapered thin-walled tubes with lateral circular cutouts", Thin-Walled Structures, Vol. 107, pp 543-553, October 2016

Arif E. Orun and Mehmet A. Guler, "Effect of hole reinforcement on the buckling behaviour of thin-walled beams subjected to combined loading", Thin-Walled Structures, Vol. 118, pp 12-22, September 2017