

Florida Forensic Engineering, Inc. Newsletter



June 2009

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This newsletter is brought to you by Florida Forensic Engineering, Inc. as a service to our valued clients and other professionals with whom we hope to establish a business relationship. Every month, we will bring you news, reviews, article summaries, company information, and recent developments in the field of forensic engineering!

Recent Forensic and Safety Articles

Many times throughout the research process we run across articles that we identify as possible sources of information. We believe that some of these would broaden your knowledge of recent forensic engineering research and possibly provide you with information for one of your cases.

Shown below are Titles of recent articles and their source in the area of slip and fall-premise liability, motor vehicle accidents, product liability, and biomechanics.

Motor Vehicle

Simplified method for evaluating energy loss in vehicle collisions

[Vangi D. Accid Anal Prev 2009; 41\(3\): 633-41.](#)

Pedestrian fatality risk as a function of car impact speed

[Rosen E, Sander U. Accid Anal Prev 2009; 41\(3\): 536-42.](#)

Burning behavior of sedan passenger cars

[Okamoto K, Watanabe N, Hagimoto Y, Chigira T, Masano R, Miura H, Ochiai S, Satoh H, Tamura Y, Hayano K, Maeda Y, Suzuki J. Fire Safety J 2009; 44\(3\): 301-310.](#)

A comparative study of design optimisation methodologies for side-impact

Biomechanics

Dynamic tensile failure mechanics of the musculoskeletal neck using a cadaver model

[Yliniemi EM, Pellettiere JA, Doczy EJ, Nuckley DJ, Perry CE, Ching RP. J Biomech Eng 2009; 131\(5\): 051001.](#)

Slip & Fall

Automated fall detection: saving senior lives one fall at a time

[Otto CA, Chen X. Caring 2009; 28\(3\): 44-6.](#)

General

The economic impact of electric saw injuries to the hand

energy-based criterion

Horstemeyer MF, Ren XC, Fang H, Acar E, Wang PT. Int J Crashworthiness 2009; 14(2): 125-138.

[2009; 34\(5\): 886-9.](#)

Roof strength and injury risk in rollover crashes

Brumbelow ML, Teoh ER, Zuby DS, McCartt AT. Traffic Injury Prev 2009; 10(3): 252-65.

Effects of road lighting on motorways

Wanvik PO. Traffic Injury Prev 2009; 10(3): 279-89.

Style over substance: A needless contact burn from a protruding car exhaust pipe

Sakata S, McBride CA, Kimble RM. Burns 2009; ePub(ePub): ePub.

Please do not hesitate to call with your technical engineering issues which may require analysis.

We thank you for your continued support,

Florida Forensic Engineering, Inc.

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