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The effect of brain mass and moment of inertia on relative brain-skull displacement during low-severity impacts

H Zou, S Kleiven & J P Schmiedeler

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ensure that conclusions are not drawn from individual data points at which injury predictions are highly sensitive to small parameter changes.

Q Key words:

Head impact

sensitivity analysis

analytical method

finite element method

brain displacement

brain mass

brain moment of inertia

Notes

^a K, bulk modulus.

^b EA, force/unit strain.

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