Andrew C Merkle

List of Publications by Year
in descending order

Version: 2024-02-01

11 papers	366 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	513 citing authors

#	Article	IF	Citations
1	The pathobiology of blast injuries and blast-induced neurotrauma as identified using a new experimental model of injury in mice. Neurobiology of Disease, 2011, 41, 538-551.	4.4	245
2	Assessing Behind Armor Blunt Trauma (BABT) Under NIJ Standard-0101.04 Conditions Using Human Torso Models. Journal of Trauma, 2008, 64, 1555-1561.	2.3	35
3	Development and Validation of a Statistical Shape Modeling-Based Finite Element Model of the Cervical Spine Under Low-Level Multiple Direction Loading Conditions. Frontiers in Bioengineering and Biotechnology, 2014, 2, 58.	4.1	21
4	Evaluation of WIAMan Technology Demonstrator Biofidelity Relative to Sub-Injurious PMHS Response in Simulated Under-body Blast Events. Stapp Car Crash Journal, 2016, 60, 199-246.	1.1	16
5	Development of a Human Cranial Bone Surrogate for Impact Studies. Frontiers in Bioengineering and Biotechnology, 2013, 1, 13.	4.1	15
6	Manganese-Enhanced Magnetic Resonance Imaging as a Diagnostic and Dispositional Tool after Mild-Moderate Blast Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 662-671.	3.4	15
7	Evaluation of the Whole Body Spine Response to Sub-Injurious Vertical Loading. Annals of Biomedical Engineering, 2021, 49, 3099-3117.	2.5	7
8	Biomechanical Response of Military Booted and Unbooted Foot-Ankle-Tibia from Vertical Loading. Stapp Car Crash Journal, 2016, 60, 247-285.	1.1	7
9	Kinematic and Biomechanical Response of Post-Mortem Human Subjects Under Various Pre-Impact Postures to High-Rate Vertical Loading Conditions. , 0, , .		4
10	Modeling Skeletal Injuries in Military Scenarios. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2016, , 3-35.	1.0	1
11	Similitude assessment method for comparing PMHS response data from impact loading across multiple test devices. Journal of Biomechanics, 2018, 72, 258-261.	2.1	0