

# Andrew C Merkle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11808118/publications.pdf>

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