

Amy C Courtney

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

470
citations

933447

10
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Blast pressures and waveforms of consumer firecrackers. <i>Shock Waves</i> , 2021, 31, 301-306.	1.9	0
2	Risk of concussion due to head acceleration in rear impact sled tests of passenger automobile seats. <i>Traffic Injury Prevention</i> , 2018, 19, S133-S135.	1.4	6
3	Experimental Test of the Acoustic-Impedance Model for Underwater Blast Wave Transmission through Plate Materials. <i>Journal of Engineering Mechanics - ASCE</i> , 2017, 143, .	2.9	1
4	Note: Device for underwater laboratory simulation of unconfined blast waves. <i>Review of Scientific Instruments</i> , 2015, 86, 066103.	1.3	3
5	The Complexity of Biomechanics Causing Primary Blast-Induced Traumatic Brain Injury: A Review of Potential Mechanisms. <i>Frontiers in Neurology</i> , 2015, 6, 221.	2.4	57
6	Blast-Associated Shock Waves Result in Increased Brain Vascular Leakage and Elevated ROS Levels in a Rat Model of Traumatic Brain Injury. <i>PLoS ONE</i> , 2015, 10, e0127971.	2.5	51
7	Shock tube design for high intensity blast waves for laboratory testing of armor and combat materiel. <i>Defence Technology</i> , 2014, 10, 245-250.	4.2	30
8	A History of Blast Exposure May Affect the Transmission Properties of Cranial Bone. <i>Experimental Mechanics</i> , 2013, 53, 319-325.	2.0	2
9	Oxy-acetylene driven laboratory scale shock tubes for studying blast wave effects. <i>Review of Scientific Instruments</i> , 2012, 83, 045111.	1.3	26
10	Using sound of target impact for acoustic reconstructions of shooting events. <i>Medicine, Science and the Law</i> , 2012, 52, 89-92.	1.0	0
11	Working toward exposure thresholds for blast-induced traumatic brain injury: Thoracic and acceleration mechanisms. <i>NeuroImage</i> , 2011, 54, S55-S61.	4.2	64
12	History and Evidence Regarding Hydrostatic Shock. <i>Neurosurgery</i> , 2011, 68, E596-E597.	1.1	8
13	Note: A table-top blast driven shock tube. <i>Review of Scientific Instruments</i> , 2010, 81, 126103.	1.3	19
14	Apparent measurement errors in "Development of biomechanical response corridors of the thorax to blunt ballistic impacts". <i>Journal of Biomechanics</i> , 2008, 41, 486.	2.1	2
15	Comments on "Ballistics: A primer for the surgeon". <i>Injury</i> , 2008, 39, 964-965.	1.7	1
16	Acoustic Measurement of Potato Cannon Velocity. <i>Physics Teacher</i> , 2007, 45, 496-497.	0.3	4
17	Links between traumatic brain injury and ballistic pressure waves originating in the thoracic cavity and extremities. <i>Brain Injury</i> , 2007, 21, 657-662.	1.2	27
18	An extensometer for global measurement of bone strain suitable for use in vivo in humans. <i>Journal of Biomechanics</i> , 2001, 34, 385-391.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Effects of Age, Density, and Geometry on the Bending Strength of Human Metatarsals. Foot and Ankle International, 1997, 18, 216-221.	2.3	21
20	Age-related differences in post-yield damage in human cortical bone. Experiment and model. Journal of Biomechanics, 1996, 29, 1463-1471.	2.1	117
21	A Thoracic Mechanism of Mild Traumatic Brain Injury Due to Blast Pressure Waves. Nature Precedings, 0, , .	0.1	3
22	Clear Ballistics GelÂ®: High Speed Retarding Force Analysis of Paraffin-Based Alternative to Gelatin-based Testing of Lead-Free Pistol Bullets. , 0, , .		3
23	Effects of Sound Suppressors on Muzzle Velocity, Bullet Yaw and Drag. , 0, , .		2
24	Risk of Concussion in Low- to Moderate-Speed Frontal and Rear-End Motor Vehicle Collisions Evaluated Using Head Acceleration-Based Metrics. , 0, , .		9