

# Amy C Courtney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9617343/publications.pdf>

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	Age-related differences in post-yield damage in human cortical bone. Experiment and model. Journal of Biomechanics, 1996, 29, 1463-1471.	2.1	117
2	Working toward exposure thresholds for blast-induced traumatic brain injury: Thoracic and acceleration mechanisms. NeuroImage, 2011, 54, S55-S61.	4.2	64
3	The Complexity of Biomechanics Causing Primary Blast-Induced Traumatic Brain Injury: A Review of Potential Mechanisms. Frontiers in Neurology, 2015, 6, 221.	2.4	57
4	Blast-Associated Shock Waves Result in Increased Brain Vascular Leakage and Elevated ROS Levels in a Rat Model of Traumatic Brain Injury. PLoS ONE, 2015, 10, e0127971.	2.5	51
5	Shock tube design for high intensity blast waves for laboratory testing of armor and combat materiel. Defence Technology, 2014, 10, 245-250.	4.2	30
6	Links between traumatic brain injury and ballistic pressure waves originating in the thoracic cavity and extremities. Brain Injury, 2007, 21, 657-662.	1.2	27
7	Oxy-acetylene driven laboratory scale shock tubes for studying blast wave effects. Review of Scientific Instruments, 2012, 83, 045111.	1.3	26
8	Effects of Age, Density, and Geometry on the Bending Strength of Human Metatarsals. Foot and Ankle International, 1997, 18, 216-221.	2.3	21
9	Note: A table-top blast driven shock tube. Review of Scientific Instruments, 2010, 81, 126103.	1.3	19
10	An extensometer for global measurement of bone strain suitable for use in vivo in humans. Journal of Biomechanics, 2001, 34, 385-391.	2.1	13
11	Risk of Concussion in Low- to Moderate-Speed Frontal and Rear-End Motor Vehicle Collisions Evaluated Using Head Acceleration-Based Metrics. , 0, , .		9
12	History and Evidence Regarding Hydrostatic Shock. Neurosurgery, 2011, 68, E596-E597.	1.1	8
13	Risk of concussion due to head acceleration in rear impact sled tests of passenger automobile seats. Traffic Injury Prevention, 2018, 19, S133-S135.	1.4	6
14	Acoustic Measurement of Potato Cannon Velocity. Physics Teacher, 2007, 45, 496-497.	0.3	4
15	A Thoracic Mechanism of Mild Traumatic Brain Injury Due to Blast Pressure Waves. Nature Precedings, 0, , .	0.1	3
16	Note: Device for underwater laboratory simulation of unconfined blast waves. Review of Scientific Instruments, 2015, 86, 066103.	1.3	3
17	Clear Ballistics GelÂ®: High Speed Retarding Force Analysis of Paraffin-Based Alternative to Gelatin-based Testing of Lead-Free Pistol Bullets. , 0, , .		3
18	Apparent measurement errors in â€œDevelopment of biomechanical response corridors of the thorax to blunt ballistic impactsâ€ Journal of Biomechanics, 2008, 41, 486.	2.1	2

#	ARTICLE	IF	CITATIONS
19	A History of Blast Exposure May Affect the Transmission Properties of Cranial Bone. <i>Experimental Mechanics</i> , 2013, 53, 319-325.	2.0	2
20	Effects of Sound Suppressors on Muzzle Velocity, Bullet Yaw and Drag. , 0, , .		2
21	Comments on "Ballistics: A primer for the surgeon". <i>Injury</i> , 2008, 39, 964-965.	1.7	1
22	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
23	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
24	Blast pressures and waveforms of consumer firecrackers. <i>Shock Waves</i> , 2021, 31, 301-306.	1.9	0