

Michael D Jones

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

213
citations

1163117

8
h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical characteristics of head injuries from falls in children younger than 48 months. Archives of Disease in Childhood, 2016, 101, 310-315.	1.9	34
2	Reliability of an Accelerometer-Based System for Quantifying Multiregional Spinal Range of Motion. Journal of Manipulative and Physiological Therapeutics, 2015, 38, 275-281.	0.9	25
3	Correlation of Lumbar-Hip Kinematics Between Trunk Flexion and Other Functional Tasks. Journal of Manipulative and Physiological Therapeutics, 2015, 38, 442-447.	0.9	20
4	Biomechanical properties and microstructure of neonatal porcine ventricles. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 18-28.	3.1	20
5	Investigating the contribution of the upper and lower lumbar spine, relative to hip motion, in everyday tasks. Manual Therapy, 2016, 21, 268-273.	1.6	16
6	The predicted risk of head injury from fall-related impacts on to third-generation artificial turf and grass soccer surfaces: A comparative biomechanical analysis. Sports Biomechanics, 2010, 9, 29-37.	1.6	14
7	Development and validation of a physical model to investigate the biomechanics of infant head impact. Forensic Science International, 2017, 276, 111-119.	2.2	14
8	A kinematic analysis of the spine during rugby scrummaging on natural and synthetic turfs. Journal of Sports Sciences, 2016, 34, 1058-1066.	2.0	9
9	Development of the Phase-Aggression Criterion for Rotorcraft Pilot Coupling Detection. Journal of Guidance, Control, and Dynamics, 2013, 36, 35-47.	2.8	8
10	Biomechanical investigation into the torsional failure of immature long bone. Journal of Clinical Orthopaedics and Trauma, 2012, 3, 24-27.	1.5	7
11	Development of a computational biomechanical infant model for the investigation of infant head injury by shaking. Medicine, Science and the Law, 2015, 55, 291-299.	1.0	7
12	Focussing on the future: Survey results on the image capture of patterned cutaneous injuries. Journal of Clinical Forensic and Legal Medicine, 2014, 24, 7-11.	1.0	6
13	Does the new rugby union scrum sequence positively influence the hooker's in situ spinal kinematics?. BMJ Open Sport and Exercise Medicine, 2016, 2, e000064.	2.9	6
14	A coupled physical-computational methodology for the investigation of short fall related infant head impact injury. Forensic Science International, 2019, 300, 170-186.	2.2	6
15	Tau Coupling Investigation Using Positive Wavelet Analysis. Journal of Guidance, Control, and Dynamics, 2013, 36, 920-934.	2.8	5
16	The prediction of neck extensor force using surface electromyography. Journal of Back and Musculoskeletal Rehabilitation, 2016, 29, 279-285.	1.1	5
17	Development of a methodology for the standardisation and improvement of Smartphone™ photography of patterned bruises and other cutaneous injuries. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 358-362.	2.1	4
18	Consistency and variability in human performance during simulate infant CPR: a reliability study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 91.	2.6	3

#	ARTICLE	IF	CITATIONS
19	The potential effects of floor impact surfaces on infant head injury outcome during a short fall. <i>Medicine, Science and the Law</i> , 2011, 51, 203-207.	1.0	1
20	Does the presence of a vertical barrier influence sagittal spinal curvature or range of motion in young females?. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2014, 27, 71-75.	1.1	1
21	Does wobble board training improve balance in older adults? A systematic review. <i>Physical Therapy Reviews</i> , 2021, 26, 447-456.	0.8	1
22	Evaluation of occupant neck injury response to varied impact conditions using a finite element-mathematical surrogate modeling approach. <i>International Journal of Crashworthiness</i> , 0, , 1-17.	1.9	1
23	Design, calibration and validation of a novel surface imaging tool for medical endoscopic applications. , 2015, , .		0
24	Changes in frictional coefficient with increased tendon surface tear – An experimental animal model. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2018, 9, S19-S25.	1.5	0
25	Dominant versus non-dominant hand during simulated infant CPR using the two-finger technique: a randomised study. <i>Resuscitation Plus</i> , 2021, 7, 100141.	1.7	0