

James P Dickey

List of Publications by Year in descending order

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92
papers

1,783
citations

304602

22
h-index

315616

38
g-index

92
all docs

92
docs citations

92
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Completing an interdisciplinary outpatient intervention improves patient rehabilitation goals following a mild traumatic brain injury. <i>Physiotherapy Theory and Practice</i> , 2022, , 1-7.	0.6	2
2	Career Head Impact Exposure Profile of Canadian University Football Players. <i>Journal of Applied Biomechanics</i> , 2022, 38, 47-57.	0.3	3
3	Validity and reliability of the Balance Tracking System during feet together stance: Letter to the Editor "Center of pressure excursion (path length) and mean velocity should show identical trends. Measurement: <i>Journal of the International Measurement Confederation</i> , 2021, 168, 108149.	2.5	0
4	Performing more than 20 purposeful gameplay headers in a soccer season may alter autonomic function in female youth soccer players. <i>Research in Sports Medicine</i> , 2021, 29, 440-448.	0.7	1
5	The Hammer and the Nail: Biomechanics of Striking and Struck Canadian University Football Players. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2875-2885.	1.3	2
6	Reliability of the Single-Leg, Medial Countermovement Jump in Youth Ice Hockey Players. <i>Sports</i> , 2021, 9, 64.	0.7	5
7	Normative Reference of the Single Leg, Medial Countermovement Jump in Adolescent Youth Ice Hockey Players. <i>Sports</i> , 2021, 9, 105.	0.7	1
8	Purposeful Heading Performed by Female Youth Soccer Players Leads to Strain Development in Deep Brain Structures. <i>Neurotrauma Reports</i> , 2021, 2, 354-362.	0.5	1
9	Exploring the effect of capsaicin-induced central sensitization on the upper limb nociceptive withdrawal reflex threshold. <i>Experimental Brain Research</i> , 2021, 239, 3405-3415.	0.7	2
10	Biofeedback as an intervention for persistent post-concussive symptoms: A randomized feasibility trial. <i>Journal of Concussion</i> , 2021, 5, 205970022110464.	0.2	2
11	Evaluating the Effects of a Novel Neuromuscular Neck Training Device on Multiplanar Static and Dynamic Neck Strength: A Pilot Study. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 708-716.	1.0	9
12	Different Lower-Limb Setup Positions Do Not Consistently Change Backstroke Start Time to 10 m. <i>Sports</i> , 2020, 8, 43.	0.7	3
13	Investigating the grip forces exerted by individuals with and without hand arthritis while swinging a golf club with the use of a new wearable sensor technology. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020, 234, 205-216.	0.4	1
14	Longitudinal changes of brain microstructure and function in nonconcussed female rugby players. <i>Neurology</i> , 2020, 95, e402-e412.	1.5	20
15	Cumulative soccer heading amplifies the effects of brain activity observed during concurrent moderate exercise and continuous performance task in female youth soccer players. <i>Journal of Concussion</i> , 2020, 4, 205970022091265.	0.2	4
16	The number of purposeful headers female youth soccer players experience during games depends on player age but not player position. <i>Science and Medicine in Football</i> , 2019, 3, 109-114.	1.0	18
17	What Is Injury in Ice Hockey: An Integrative Literature Review on Injury Rates, Injury Definition, and Athlete Exposure in Men's Elite Ice Hockey. <i>Sports</i> , 2019, 7, 227.	0.7	14
18	An Evaluation of Heart Rate Variability in Female Youth Soccer Players Following Soccer Heading: A Pilot Study. <i>Sports</i> , 2019, 7, 229.	0.7	5

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19	Head impact magnitudes that occur from purposeful soccer heading depend on the game scenario and head impact location. <i>Musculoskeletal Science and Practice</i> , 2019, 40, 53-57.	0.6	35
20	Transmission of Acceleration From a Synchronous Vibration Exercise Platform to the Head During Dynamic Squats. <i>Dose-Response</i> , 2019, 17, 155932581982746.	0.7	12
21	Development and validation of a high-speed video system for measuring saccadic eye movement. <i>Behavior Research Methods</i> , 2019, 51, 2302-2309.	2.3	4
22	Exercise Acutely Improves Dynamic Balance in Individuals with Unilateral Knee Osteoarthritis. <i>International Journal of Human Movement and Sports Sciences</i> , 2019, 7, 5-11.	0.1	1
23	Backstroke start performance: the impact of using the Omega OBL2 backstroke ledge. <i>Sports Biomechanics</i> , 2018, 17, 1-13.	0.8	6
24	Direct player observation is needed to accurately quantify heading frequency in youth soccer. <i>Research in Sports Medicine</i> , 2018, 26, 191-198.	0.7	26
25	Factor structure, stability, and congruence in the functional movement screen. <i>Measurement in Physical Education and Exercise Science</i> , 2018, 22, 109-115.	1.3	4
26	Development of the circumduction metric for identification of cervical motion impairment. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2018, 5, 205566831877798.	0.6	8
27	The Effects of Plyometric Warm-up on Lower Limb Muscle Activity and Time to 10m in the Backstroke Swimming Start. <i>International Journal of Human Movement and Sports Sciences</i> , 2018, 6, 55-62.	0.1	1
28	Quantifying ice hockey goaltender leg pad kinematics and the effect that different leg pad styles have on performance. <i>Sports Engineering</i> , 2017, 20, 267-274.	0.5	2
29	Evaluation of the vibration attenuation properties of an air-inflated cushion with two different heavy machinery seats in multi-axis vibration environments including jolts. <i>Applied Ergonomics</i> , 2017, 59, 293-301.	1.7	12
30	Relationships between the Functional Movement Screen Score and Y-Balance Test Reach Distances. <i>International Journal of Human Movement and Sports Sciences</i> , 2017, 5, 51-56.	0.1	4
31	Reducing whole-body vibration through field vibration tested heavy equipment seat retrofitting. <i>Occupational Ergonomics</i> , 2016, 13, 15-22.	0.3	1
32	Research Priorities in the Field of Posttraumatic Pain and Disability: Results of a Transdisciplinary Consensus-Generating Workshop. <i>Pain Research and Management</i> , 2016, 2016, 1-8.	0.7	2
33	The magnitude of muscular activation of four canine forelimb muscles in dogs performing two agility-specific tasks. <i>BMC Veterinary Research</i> , 2016, 13, 68.	0.7	19
34	Wrist rotations about one or two axes affect maximum wrist strength. <i>Applied Ergonomics</i> , 2016, 53, 152-160.	1.7	16
35	Validation of HOBO Pendant \hat{A} ® data loggers for automated step detection in two age classes of male turkeys: growers and finishers. <i>Applied Animal Behaviour Science</i> , 2016, 176, 63-69.	0.8	6
36	Laboratory Evaluation of the gForce Tracker \hat{A} , \hat{C} , a Head Impact Kinematic Measuring Device for Use in Football Helmets. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1246-1256.	1.3	57

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37	Development of a seat selection algorithm to match industrial seats with specific forestry vibration exposures. <i>International Journal of Forest Engineering</i> , 2015, 26, 48-59.	0.4	4
38	A validated approach for collecting fine-wire electromyographic recordings in four canine shoulder muscles during highly dynamic tasks. <i>Comparative Exercise Physiology</i> , 2015, 11, 65-74.	0.3	1
39	Development and Verification of a Protocol to Quantify Hip Joint Kinematics. <i>American Journal of Sports Medicine</i> , 2015, 43, 2157-2163.	1.9	8
40	Quantifying the precision and accuracy of the MicroScribe G2X three-dimensional digitizer. <i>Digital Applications in Archaeology and Cultural Heritage</i> , 2015, 2, 28-33.	0.9	12
41	The Gluteus Medius Activation in Female Indoor Track Runners is Asymmetrical and May be Related to Injury Risk. <i>Diabetes Research (Fairfax, Va)</i> , 2015, 1, 27-34.	0.1	1
42	Importance of sagittal kick symmetry for underwater dolphin kick performance. <i>Human Movement Science</i> , 2014, 33, 298-311.	0.6	38
43	Selecting seats for steel industry mobile machines based on seat effective amplitude transmissibility and comfort. <i>Work</i> , 2014, 47, 123-136.	0.6	3
44	Internet-based survey of the nature and perceived causes of injury to dogs participating in agility training and competition events. <i>Journal of the American Veterinary Medical Association</i> , 2013, 243, 1010-1018.	0.2	59
45	Trunk muscle contributions of to L4-5 joint rotational stiffness following sudden trunk lateral bend perturbations. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1334-1342.	0.7	9
46	Research Using Virtual Reality: Mobile Machinery Safety in the 21st Century. <i>Minerals (Basel, Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 382</i>	0.8	11
47	Comparing Health Risks to Load-Haul-Dump Vehicle Operators Exposed to Whole-Body Vibration Using EU Directive 2002/44EC, ISO 2631-1 and ISO 2631-5. <i>Minerals (Basel, Switzerland)</i> , 2013, 3, 16-35.	0.8	12
48	Survey-based analysis of risk factors for injury among dogs participating in agility training and competition events. <i>Journal of the American Veterinary Medical Association</i> , 2013, 243, 1019-1024.	0.2	56
49	Muscle Contributions to L4-5 Joint Rotational Stiffness following Sudden Trunk Flexion and Extension Perturbations. <i>Journal of Medical Engineering</i> , 2013, 2013, 1-10.	1.1	3
50	Biomechanical research on bowed string musicians: a scoping study. <i>Medical Problems of Performing Artists</i> , 2013, 28, 212-8.	0.2	10
51	Investigating Cervical Muscle Response and Head Kinematics During Right, Left, Frontal and Rear-Seated Perturbations. <i>Traffic Injury Prevention</i> , 2012, 13, 529-536.	0.6	5
52	Quantification of 6-Degree-of-Freedom Chassis Whole-Body Vibration in Mobile Heavy Vehicles Used in the Steel Making Industry. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2012, 31, 85-104.	1.3	10
53	The Effect of Drag Suit Training on 50-m Freestyle Performance. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 989-994.	1.0	10
54	Comparison between ISO 2631-1 Comfort Prediction Equations and Self-Reported Comfort Values during Occupational Exposure to Whole-Body Vehicular Vibration. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2012, 31, 43-53.	1.3	10

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55	A Mastication Mechanism Designed for Testing Temporomandibular Joint Implants. <i>Applied Bionics and Biomechanics</i> , 2012, 9, 241-247.	0.5	2
56	Health risks associated with whole-body vibration exposure in steel manufacturing vehicle operators. <i>Occupational Ergonomics</i> , 2012, 10, 125-137.	0.3	3
57	Influence of Driving Speed, Terrain, Seat Performance and Ride Control on Predicted Health Risk Based on ISO 2631-I and EU Directive 2002/44/EC. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2011, 30, 291-312.	1.3	25
58	Examination of Vibration Characteristics, and Reported Musculoskeletal Discomfort for Workers Exposed to Vibration via the Feet. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2011, 30, 197-206.	1.3	13
59	Cervical Spine Rotation and Range of Motion: Pilot Measurements During Driving. <i>Traffic Injury Prevention</i> , 2011, 12, 82-87.	0.6	14
60	Whole-Body Vibration Sensor Calibration Using a Six-Degree of Freedom Robot. <i>Advances in Acoustics and Vibration</i> , 2011, 2011, 1-7.	0.5	0
61	Head Restraint Backset During Routine Automobile Driving: Drivers Usually Exceed the Recommended Guidelines. <i>Traffic Injury Prevention</i> , 2011, 12, 180-186.	0.6	3
62	Dry needle stimulation of myofascial trigger points evokes segmental anti-nociceptive effects. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 463-468.	0.8	125
63	Mapping of donor and recipient site properties for osteochondral graft reconstruction of subchondral cystic lesions in the equine stifle joint. <i>Equine Veterinary Journal</i> , 2010, 38, 330-336.	0.9	29
64	A systematic approach to simulating field-based occupational whole-body vibration exposure in the lab using a 6df robot. <i>Work</i> , 2010, 35, 15-26.	0.6	9
65	Predicting discomfort scores reported by LHD operators using whole-body vibration exposure values and musculoskeletal pain scores. <i>Work</i> , 2010, 35, 49-62.	0.6	17
66	Application of robotic technology in biomechanics to study joint laxity. <i>Journal of Medical Engineering and Technology</i> , 2010, 34, 399-407.	0.8	4
67	Six-degree-of-freedom whole-body vibration exposure levels during routine skidder operations. <i>Ergonomics</i> , 2010, 53, 696-715.	1.1	19
68	Capsaicin-Induced Central Sensitization Evokes Segmental Increases in Trigger Point Sensitivity in Humans. <i>Journal of Pain</i> , 2010, 11, 636-643.	0.7	68
69	BMP-7 protects against progression of cartilage degeneration after impact injury. <i>Journal of Orthopaedic Research</i> , 2009, 27, 602-611.	1.2	69
70	The rate of change of acceleration: Implications to head kinematics during rear-end impacts. <i>Accident Analysis and Prevention</i> , 2008, 40, 1063-1068.	3.0	16
71	Variability of the impact transient during repeated barefoot walking trials. <i>Journal of Biomechanics</i> , 2008, 41, 926-930.	0.9	12
72	Six degree of freedom whole-body vibration during forestry skidder operations. <i>International Journal of Industrial Ergonomics</i> , 2008, 38, 739-757.	1.5	42

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73	Stimulation of myofascial trigger points with ultrasound induces segmental antinociceptive effects: A randomized controlled study. <i>Pain</i> , 2008, 139, 260-266.	2.0	96
74	The Use of Multiple Resolution Cross-Correlations to Align Simultaneously Collected Whole-Body Vibration Data. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2008, 27, 121-133.	1.3	4
75	Multi-Axis Sinusoidal Whole-Body Vibrations: Part II " Relationship between Vibration Total Value and Discomfort Varies between Vibration Axes. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2007, 26, 195-204.	1.3	21
76	Randomized controlled study of the antinociceptive effect of ultrasound on trigger point sensitivity: novel applications in myofascial therapy?. <i>Clinical Rehabilitation</i> , 2007, 21, 411-417.	1.0	73
77	New methodology for multi-dimensional spinal joint testing with a parallel robot. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 297-304.	1.6	20
78	Contact mechanics of the ovine stifle during simulated early stance in gait. An in vitro study using robotics. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2007, 20, 70-2.	0.2	4
79	Is there a relationship between whiplash-associated disorders and concussion in hockey? A preliminary study. <i>Brain Injury</i> , 2006, 20, 179-188.	0.6	45
80	Multi-Axis Sinusoidal Whole-Body Vibrations: Part I " How Long Should the Vibration and Rest Exposures Be for Reliable Discomfort Measures?. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2006, 25, 175-184.	1.3	26
81	Stimulation of myofascial trigger points causes systematic physiological effects. <i>Journal of the Canadian Chiropractic Association</i> , 2005, 49, 75.	0.2	1
82	Tensile Failure of C2 Pedicles and of Subsequent Direct Repair in a Porcine Model. <i>Spine</i> , 2004, 29, E127-E133.	1.0	5
83	Biomechanical Role of Lumbar Spine Ligaments in Flexion and Extension: Determination Using a Parallel Linkage Robot and a Porcine Model. <i>Spine</i> , 2004, 29, 1208-1216.	1.0	102
84	Representation of passive spinal element contributions to in vitro flexion"extension using a polynomial model: illustration using the porcine lumbar spine. <i>Journal of Biomechanics</i> , 2003, 36, 883-888.	0.9	22
85	Effect of specimen length: are the mechanics of individual motion segments comparable in functional spinal units and multisegment specimens?. <i>Medical Engineering and Physics</i> , 2003, 25, 221-227.	0.8	40
86	Determination of the effectiveness of materials in attenuating high frequency shock during gait using filterbank analysis. <i>Clinical Biomechanics</i> , 2003, 18, 50-59.	0.5	40
87	Repeated spinal flexion modulates the flexion"relaxation phenomenon. <i>Clinical Biomechanics</i> , 2003, 18, 783-789.	0.5	78
88	Relationship between pain and vertebral motion in chronic low-back pain subjects. <i>Clinical Biomechanics</i> , 2002, 17, 345-352.	0.5	69
89	Quantitative morphology of the human and porcine mid-lumbar interspinous ligament. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2002, 15, 150-157.	0.2	6
90	A continuous pure moment loading apparatus for biomechanical testing of multi-segment spine specimens. <i>Journal of Biomechanics</i> , 2000, 33, 765-770.	0.9	54

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91	New Insight Into the Mechanics of the Lumbar Interspinous Ligament. Spine, 1996, 21, 2720-2727.	1.0	19
92	Adaptations in gait resulting from unilateral ischaemic block of the leg. Clinical Biomechanics, 1992, 7, 215-225.	0.5	17