

Robert J Butler, Dpt

List of Publications by Year in descending order

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65
papers

3,505
citations

159585

30
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

3007
citing authors

#	ARTICLE	IF	CITATIONS
1	Lower extremity stiffness: implications for performance and injury. <i>Clinical Biomechanics</i> , 2003, 18, 511-517.	1.2	519
2	Interrater Reliability of the Functional Movement Screen. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 479-486.	2.1	260
3	The reliability of an instrumented device for measuring components of the star excursion balance test. <i>North American Journal of Sports Physical Therapy: NAJSPT</i> , 2009, 4, 92-9.	0.1	202
4	Dynamic Balance Performance and Noncontact Lower Extremity Injury in College Football Players. <i>Sports Health</i> , 2013, 5, 417-422.	2.7	197
5	Upper Quarter Y Balance Test. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 3043-3048.	2.1	175
6	Prediction of Injury by Limited and Asymmetrical Fundamental Movement Patterns in American Football Players. <i>Journal of Sport Rehabilitation</i> , 2014, 23, 88-94.	1.0	158
7	The effect of a subject-specific amount of lateral wedge on knee mechanics in patients with medial knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1121-1127.	2.3	142
8	Arch Height Index Measurement System. <i>Journal of the American Podiatric Medical Association</i> , 2008, 98, 102-106.	0.3	127
9	Interaction of Arch Type and Footwear on Running Mechanics. <i>American Journal of Sports Medicine</i> , 2006, 34, 1998-2005.	4.2	98
10	What Risk Factors Are Associated With Musculoskeletal Injury in US Army Rangers? A Prospective Prognostic Study. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 2948-2958.	1.5	98
11	Differences in Soccer Players' Dynamic Balance Across Levels of Competition. <i>Journal of Athletic Training</i> , 2012, 47, 616-620.	1.8	96
12	Modifiable risk factors predict injuries in firefighters during training academies. <i>Work</i> , 2013, 46, 11-7.	1.1	93
13	Biomechanical analysis of the different classifications of the Functional Movement Screen deep squat test. <i>Sports Biomechanics</i> , 2010, 9, 270-279.	1.6	74
14	Changes in Pain, Function, and Gait Mechanics Two Years following Total Ankle Arthroplasty Performed with Two Modern Fixed-Bearing Prostheses. <i>Foot and Ankle International</i> , 2012, 33, 535-542.	2.3	72
15	Patient-Reported Outcomes, Function, and Gait Mechanics After Fixed and Mobile-Bearing Total Ankle Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 987-993.	3.0	60
16	Incidence of Musculoskeletal Injury in US Army Unit Types: A Prospective Cohort Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 749-757.	3.5	58
17	The Effect of Total Hip Arthroplasty Surgical Approach on Postoperative Gait Mechanics. <i>Journal of Arthroplasty</i> , 2011, 26, 66-71.	3.1	56
18	Frontal-Plane Gait Mechanics in People With Medial Knee Osteoarthritis Are Different From Those in People With Lateral Knee Osteoarthritis. <i>Physical Therapy</i> , 2011, 91, 1235-1243.	2.4	53

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19	Functional Testing Differences in Anterior Cruciate Ligament Reconstruction Patients Released Versus Not Released to Return to Sport. <i>American Journal of Sports Medicine</i> , 2015, 43, 1648-1655.	4.2	53
20	Effect of Laterally Wedged Foot Orthoses on Rearfoot and Hip Mechanics in Patients with Medial Knee Osteoarthritis. <i>Prosthetics and Orthotics International</i> , 2009, 33, 107-116.	1.0	48
21	Anterior Cruciate Ligament Reconstruction in Adolescent Patients. <i>American Journal of Sports Medicine</i> , 2012, 40, 2756-2763.	4.2	46
22	Functional Movement Competency and Dynamic Balance After Anterior Cruciate Ligament Reconstruction in Adolescent Patients. <i>Journal of Pediatric Orthopaedics</i> , 2016, 36, 36-41.	1.2	43
23	Total Hip Arthroplasty Surgical Approach Does Not Alter Postoperative Gait Mechanics One Year After Surgery. <i>PM and R</i> , 2014, 6, 221-226.	1.6	39
24	Are Range of Motion Measurements Needed When Calculating the Harris Hip Score?. <i>Journal of Arthroplasty</i> , 2016, 31, 815-819.	3.1	39
25	Increased Medial Longitudinal Arch Mobility, Lower Extremity Kinematics, and Ground Reaction Forces in High-Arched Runners. <i>Journal of Athletic Training</i> , 2014, 49, 290-296.	1.8	38
26	Short-Term Changes in Running Mechanics and Foot Strike Pattern After Introduction to Minimalistic Footwear. <i>PM and R</i> , 2014, 6, 34-43.	1.6	38
27	Identification of Risk Factors Prospectively Associated With Musculoskeletal Injury in a Warrior Athlete Population. <i>Sports Health</i> , 2020, 12, 564-572.	2.7	36
28	Differences in dynamic balance scores in one sport versus multiple sport high school athletes. <i>International Journal of Sports Physical Therapy</i> , 2012, 7, 148-53.	1.3	34
29	Dual-Function Foot Orthosis: Effect on Shock and Control of Rearfoot Motion. <i>Foot and Ankle International</i> , 2003, 24, 410-414.	2.3	33
30	Percent Body Fat More Associated with Perioperative Risks After Total Joint Arthroplasty Than Body Mass Index. <i>Journal of Arthroplasty</i> , 2014, 29, 150-154.	3.1	31
31	Ankle work and dynamic joint stiffness in high- compared to low-arched athletes during a barefoot running task. <i>Human Movement Science</i> , 2014, 34, 147-156.	1.4	29
32	Bilateral differences in gait mechanics following total ankle replacement: A two year longitudinal study. <i>Clinical Biomechanics</i> , 2014, 29, 418-422.	1.2	29
33	Competition-Level Differences on the Lower Quarter Y-Balance Test in Baseball Players. <i>Journal of Athletic Training</i> , 2016, 51, 997-1002.	1.8	29
34	Interrater Reliability of Videotaped Performance on the Functional Movement Screen Using the 100-Point Scoring Scale. <i>Athletic Training & Sports Health Care</i> , 2012, 4, 103-109.	0.4	28
35	Does Surgical Approach During Total Hip Arthroplasty Alter Gait Recovery During the First Year Following Surgery?. <i>Journal of Arthroplasty</i> , 2013, 28, 1639-1643.	3.1	27
36	Changes in Landing Mechanics in Patients Following Anterior Cruciate Ligament Reconstruction When Wearing an Extension Constraint Knee Brace. <i>Sports Health</i> , 2014, 6, 203-209.	2.7	26

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37	Association of Physical Inactivity, Weight, Smoking, and Prior Injury on Physical Performance in a Military Setting. <i>Journal of Athletic Training</i> , 2016, 51, 866-875.	1.8	26
38	RELATIONSHIP BETWEEN THE LOWER QUARTER Y-BALANCE TEST SCORES AND ISOKINETIC STRENGTH TESTING IN PATIENTS STATUS POST ACL RECONSTRUCTION. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 152-159.	1.3	26
39	Gender Differences in Landing Mechanics Vary Depending on the Type of Landing. <i>Clinical Journal of Sport Medicine</i> , 2013, 23, 52-57.	1.8	25
40	Mechanical effectiveness of lateral foot wedging in medial knee osteoarthritis after 1 year of wear. <i>Journal of Orthopaedic Research</i> , 2013, 31, 659-664.	2.3	24
41	Bilateral differences in the upper quarter function of high school aged baseball and softball players. <i>International Journal of Sports Physical Therapy</i> , 2014, 9, 518-24.	1.3	24
42	Bilateral symmetry in lower extremity mechanics during stair ascent and descent following a total hip arthroplasty: A one-year longitudinal study. <i>Clinical Biomechanics</i> , 2015, 30, 53-58.	1.2	18
43	Examining Fundamental Movement Competency and Closed-Chain Upper-Extremity Dynamic Balance in Swimmers. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1544-1551.	2.1	17
44	Lower Extremity Movement Differences Persist After Anterior Cruciate Ligament Reconstruction and When Returning to Sports. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 411-416.	1.8	17
45	Unipedal Balance Is Affected by Lower Extremity Joint Arthroplasty Procedure 1 Year Following Surgery. <i>Journal of Arthroplasty</i> , 2015, 30, 286-289.	3.1	15
46	Basketball Players' Dynamic Performance Across Competition Levels. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3528-3533.	2.1	15
47	Automation to Improve Efficiency of Field Expedient Injury Prediction Screening. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, S61-S72.	2.1	13
48	Changes in Plantar Loading Based on Shoe Type and Sex During a Jump-Landing Task. <i>Journal of Athletic Training</i> , 2013, 48, 601-609.	1.8	12
49	Plantar Loading During Cutting While Wearing a Rigid Carbon Fiber Insert. <i>Journal of Athletic Training</i> , 2014, 49, 297-303.	1.8	12
50	Comparison of dynamic balance in adolescent male soccer players from rwanda and the United States. <i>International Journal of Sports Physical Therapy</i> , 2013, 8, 749-55.	1.3	12
51	Application of Athletic Movement Tests that Predict Injury Risk in a Military Population: Development of Normative Data. <i>Military Medicine</i> , 2016, 181, 1324-1334.	0.8	10
52	Injuries Presenting to a Walk-in Clinic at a Summer Dance Intensive Program: A Three-Year Retrospective Data Analysis. <i>Journal of Dance Medicine and Science</i> , 2014, 18, 131-135.	0.7	9
53	Effects of a corrective heel lift with an orthopaedic walking boot on joint mechanics and symmetry during gait. <i>Gait and Posture</i> , 2019, 73, 233-238.	1.4	8
54	Plantar loading during jumping while wearing a rigid carbon graphite footplate. <i>Gait and Posture</i> , 2014, 39, 707-711.	1.4	7

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55	Examining Differences in Movement Competency in Professional Baseball Players Born in the United States and Dominican Republic. <i>Journal of Sport Rehabilitation</i> , 2018, 27, 397-402.	1.0	7
56	RELATIONSHIP BETWEEN THE LOWER QUARTER Y-BALANCE TEST SCORES AND ISOKINETIC STRENGTH TESTING IN PATIENTS STATUS POST ACL RECONSTRUCTION. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 152-159.	1.3	6
57	The Effect of Extension Constraint Knee Bracing on Dynamic Balance, Gait Mechanics, and Joint Alignment. <i>PM and R</i> , 2014, 6, 309-315.	1.6	4
58	Gender Differences in Plantar Loading During an Unanticipated Side Cut on FieldTurf. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 157-161.	1.8	4
59	The Intra- and Inter-rater Reliability of an Arm Care Screening Tool in High School Baseball Coaches. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 1532-1540.	1.3	4
60	Interaction of Gender and Body Composition on Rectus Femoris Morphology as Measured With Musculoskeletal Ultrasound Imaging. <i>Sports Health</i> , 2014, 6, 451-456.	2.7	2
61	Sex differences in rectus femoris morphology across different knee flexion positions. <i>International Journal of Sports Physical Therapy</i> , 2013, 8, 84-90.	1.3	2
62	The validity and reliability of ultrasound on identifying supraspinatus tears during passive external rotation from 0° to 30°: a pilot project. <i>Shoulder and Elbow</i> , 2017, 9, 54-60.	1.5	1
63	THE RELATIONSHIP BETWEEN TRUNK ROTATION, UPPER QUARTER DYNAMIC STABILITY, AND THE KERLAN-JOBE ORTHOPAEDIC CLINIC OVERHEAD ATHLETE SHOULDER AND ELBOW SCORE IN DIVISION I COLLEGIATE PITCHERS. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 819-827.	1.3	1
64	In Reply. <i>Journal of Arthroplasty</i> , 2015, 30, 896.	3.1	0
65	Comparison of manual therapy techniques on ankle dorsiflexion range of motion and dynamic single leg balance in collegiate athletes. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 29, 206-214.	1.2	0