

Ajit M Chaudhari

List of Publications by Year in descending order

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144
papers

4,537
citations

126907

33
h-index

110387

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149
all docs

149
docs citations

149
times ranked

3722
citing authors

#	ARTICLE	IF	CITATIONS
1	Hip Abductor Weakness in Distance Runners with Iliotibial Band Syndrome. <i>Clinical Journal of Sport Medicine</i> , 2000, 10, 169-175.	1.8	469
2	Knee Kinematics, Cartilage Morphology, and Osteoarthritis after ACL Injury. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 215-222.	0.4	306
3	A Markerless Motion Capture System to Study Musculoskeletal Biomechanics: Visual Hull and Simulated Annealing Approach. <i>Annals of Biomedical Engineering</i> , 2006, 34, 1019-1029.	2.5	247
4	A case-control study of anterior cruciate ligament volume, tibial plateau slopes and intercondylar notch dimensions in ACL-injured knees. <i>Journal of Biomechanics</i> , 2010, 43, 1702-1707.	2.1	215
5	Valgus Plus Internal Rotation Moments Increase Anterior Cruciate Ligament Strain More Than Either Alone. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1484-1491.	0.4	177
6	Differences in tibial rotation during walking in ACL reconstructed and healthy contralateral knees. <i>Journal of Biomechanics</i> , 2010, 43, 1817-1822.	2.1	171
7	Neuroplasticity Associated With Anterior Cruciate Ligament Reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 180-189.	3.5	160
8	The effect of isolated valgus moments on ACL strain during single-leg landing: A simulation study. <i>Journal of Biomechanics</i> , 2009, 42, 280-285.	2.1	156
9	The influence of deceleration forces on ACL strain during single-leg landing: A simulation study. <i>Journal of Biomechanics</i> , 2007, 40, 1145-1152.	2.1	153
10	The mechanical consequences of dynamic frontal plane limb alignment for non-contact ACL injury. <i>Journal of Biomechanics</i> , 2006, 39, 330-338.	2.1	122
11	Anterior Cruciate Ligament-Injured Subjects Have Smaller Anterior Cruciate Ligaments than Matched Controls. <i>American Journal of Sports Medicine</i> , 2009, 37, 1282-1287.	4.2	106
12	Knee moments during run-to-cut maneuvers are associated with lateral trunk positioning. <i>Journal of Biomechanics</i> , 2012, 45, 1881-1885.	2.1	106
13	Sport-Dependent Variations in arm Position during Single-Limb Landing Influence Knee Loading. <i>American Journal of Sports Medicine</i> , 2005, 33, 824-830.	4.2	97
14	An investigation of jogging biomechanics using the full-body lumbar spine model: Model development and validation. <i>Journal of Biomechanics</i> , 2016, 49, 1238-1243.	2.1	96
15	Transient liquid crystal thermometry of microfabricated PCR vessel arrays. <i>Journal of Microelectromechanical Systems</i> , 1998, 7, 345-355.	2.5	87
16	Gait, balance, and patient-reported outcomes during taxane-based chemotherapy in early-stage breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2017, 164, 69-77.	2.5	85
17	Hip extension, knee flexion paradox: A new mechanism for non-contact ACL injury. <i>Journal of Biomechanics</i> , 2011, 44, 577-585.	2.1	84
18	Lumbopelvic Control and Days Missed Because of Injury in Professional Baseball Pitchers. <i>American Journal of Sports Medicine</i> , 2014, 42, 2734-2740.	4.2	84

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19	ACL Research Retreat V: An Update on ACL Injury Risk and Prevention, March 25-27, 2010, Greensboro, NC. <i>Journal of Athletic Training</i> , 2010, 45, 499-508.	1.8	69
20	Knee and Hip Loading Patterns at Different Phases in the Menstrual Cycle. <i>American Journal of Sports Medicine</i> , 2007, 35, 793-800.	4.2	67
21	ACL Research Retreat VI: An Update on ACL Injury Risk and Prevention. <i>Journal of Athletic Training</i> , 2012, 47, 591-603.	1.8	65
22	Tibiofemoral Joint Contact Force in Deep Knee Flexion and Its Consideration in Knee Osteoarthritis and Joint Replacement. <i>Journal of Applied Biomechanics</i> , 2006, 22, 305-313.	0.8	63
23	Shoe-Surface Friction Influences Movement Strategies during a Sidestep Cutting Task. <i>American Journal of Sports Medicine</i> , 2010, 38, 478-485.	4.2	58
24	Association of Noncontact Anterior Cruciate Ligament Injury With Presence and Thickness of a Bony Ridge on the Anteromedial Aspect of the Femoral Intercondylar Notch. <i>American Journal of Sports Medicine</i> , 2010, 38, 1667-1673.	4.2	53
25	The effects of core muscle activation on dynamic trunk position and knee abduction moments: Implications for ACL injury. <i>Journal of Biomechanics</i> , 2013, 46, 2236-2241.	2.1	52
26	Lumbopelvic Control and Pitching Performance of Professional Baseball Pitchers. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2127-2132.	2.1	49
27	Randomized Controlled Trial of the Effects of a Trunk Stabilization Program on Trunk Control and Knee Loading. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1924-1934.	0.4	49
28	Gluteus maximus and soleus compensate for simulated quadriceps atrophy and activation failure during walking. <i>Journal of Biomechanics</i> , 2013, 46, 2165-2172.	2.1	42
29	Visual-Spatial Memory Deficits Are Related to Increased Knee Valgus Angle During a Sport-Specific Sidestep Cut. <i>American Journal of Sports Medicine</i> , 2019, 47, 1488-1495.	4.2	39
30	Graft Orientation Influences the Knee Flexion Moment During Walking in Patients With Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2009, 37, 2173-2178.	4.2	37
31	Visual-Motor Control of Drop Landing After Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2018, 53, 486-496.	1.8	37
32	Evidence for joint moment asymmetry in healthy populations during gait. <i>Gait and Posture</i> , 2014, 40, 526-531.	1.4	36
33	Natural history of postural instability in breast cancer patients treated with taxane-based chemotherapy: A pilot study. <i>Gait and Posture</i> , 2016, 48, 237-242.	1.4	36
34	Muscle Forces and Their Contributions to Vertical and Horizontal Acceleration of the Center of Mass During Sit-to-Stand Transfer in Young, Healthy Adults. <i>Journal of Applied Biomechanics</i> , 2016, 32, 487-503.	0.8	35
35	Knee Joint Kinetics in Relation to Commonly Prescribed Squat Loads and Depths. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1765-1774.	2.1	33
36	When to biomechanically examine a lower-limb amputee. <i>Prosthetics and Orthotics International</i> , 2017, 41, 431-445.	1.0	32

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37	Exercise-driven metabolic pathways in healthy cartilage. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1210-1222.	1.3	27
38	Biomechanical consequences of running with deep core muscle weakness. <i>Journal of Biomechanics</i> , 2018, 67, 98-105.	2.1	27
39	Hip adductor activations during run-to-cut manoeuvres in compression shorts: implications for return to sport after groin injury. <i>Journal of Sports Sciences</i> , 2014, 32, 1333-1340.	2.0	26
40	Relationships between varus-valgus laxity of the severely osteoarthritic knee and gait, instability, clinical performance, and function. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1644-1652.	2.3	26
41	Stride Leg Ground Reaction Forces Predict Throwing Velocity in Adult Recreational Baseball Pitchers. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2708-2715.	2.1	25
42	Impaired Postural Control and Altered Sensory Organization During Quiet Stance Following Neurotoxic Chemotherapy: A Preliminary Study. <i>Integrative Cancer Therapies</i> , 2019, 18, 153473541982882.	2.0	25
43	Side-to-side differences in anterior cruciate ligament volume in healthy control subjects. <i>Journal of Biomechanics</i> , 2010, 43, 576-578.	2.1	24
44	Comparative Assessment of Bone Pose Estimation Using Point Cluster Technique and OpenSim. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 114503.	1.3	21
45	Physical Exam Risk Factors for Lower Extremity Injury in High School Athletes. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 435-444.	1.8	20
46	Exploring the Roles of Central and Peripheral Nervous System Function in Gait Stability: Preliminary Insights from Cancer Survivors. <i>Gait and Posture</i> , 2019, 71, 62-68.	1.4	20
47	A new perspective on transient characteristics of quiet stance postural control. <i>PLoS ONE</i> , 2020, 15, e0237246.	2.5	19
48	Quantitative biomechanical assessment of trunk control in Huntington's disease reveals more impairment in static than dynamic tasks. <i>Journal of the Neurological Sciences</i> , 2017, 376, 29-34.	0.6	18
49	Tibiofemoral Osteoarthritis and Varus-Valgus Laxity. <i>Journal of Knee Surgery</i> , 2017, 30, 440-451.	1.6	18
50	The patella ligament insertion angle influences quadriceps usage during walking of anterior cruciate ligament deficient patients. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1643-1650.	2.3	16
51	Anteromedial ridging of the femoral intercondylar notch: an anatomic study of 170 archival skeletal specimens. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 80-87.	4.2	16
52	Normative Functional Performance Values in High School Athletes: The Functional Pre-Participation Evaluation Project. <i>Journal of Athletic Training</i> , 2018, 53, 35-42.	1.8	16
53	THE EFFECT OF TACKLING TRAINING ON HEAD ACCELERATIONS IN YOUTH AMERICAN FOOTBALL. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 229-237.	1.3	16
54	Most favorable camera configuration for a shape-from-silhouette markerless motion capture system for biomechanical analysis. , 2005, 5665, 278.		15

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55	Association Between Ball-Handling Versus Defending Actions and Acute Noncontact Lower Extremity Injuries in High School Basketball and Soccer. <i>American Journal of Sports Medicine</i> , 2015, 43, 802-807.	4.2	15
56	Interpreting Musculoskeletal Models and Dynamic Simulations: Causes and Effects of Differences Between Models. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2635-2647.	2.5	15
57	Letters to the Editor. <i>American Journal of Sports Medicine</i> , 2006, 34, 312-312.	4.2	14
58	Landing ground reaction forces in figure skaters and non-skaters. <i>Journal of Sports Sciences</i> , 2014, 32, 1042-1049.	2.0	14
59	Differential knee joint loading patterns during gait for individuals with tibiofemoral and patellofemoral articular cartilage defects in the knee. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1046-1054.	1.3	14
60	A Review of Workload-Monitoring Considerations for Baseball Pitchers. <i>Journal of Athletic Training</i> , 2020, 55, 911-917.	1.8	14
61	Design and Cadaveric Validation of a Novel Device to Quantify Knee Stability During Total Knee Arthroplasty. <i>Journal of Biomechanical Engineering</i> , 2012, 134, 115001.	1.3	13
62	Lower Extremity Work Is Associated with Club Head Velocity during the Golf Swing in Experienced Golfers. <i>International Journal of Sports Medicine</i> , 2014, 35, 785-788.	1.7	13
63	Changes in lower extremity peak angles, moments and muscle activations during stair climbing at different speeds. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 982-989.	1.7	13
64	The effects of performing integrated compared to isolated core exercises. <i>PLoS ONE</i> , 2019, 14, e0212216.	2.5	12
65	Quadriceps Femoris Strength and Sagittal-Plane Knee Biomechanics During Stair Ascent in Individuals With Articular Cartilage Defects in the Knee. <i>Journal of Sport Rehabilitation</i> , 2014, 23, 259-269.	1.0	11
66	Muscle co-contraction during gait in individuals with articular cartilage defects in the knee. <i>Gait and Posture</i> , 2016, 48, 68-73.	1.4	11
67	Creation of a simple distal femur morphology classification system. <i>Journal of Orthopaedic Research</i> , 2016, 34, 924-931.	2.3	11
68	Relationships Between Standing Frontal-Plane Knee Alignment and Dynamic Knee Joint Loading During Walking and Jogging in Youth Who Are Obese. <i>Physical Therapy</i> , 2017, 97, 571-580.	2.4	11
69	The relationship between lateral epicondyle morphology and iliotibial band friction syndrome: A matched case-control study. <i>Knee</i> , 2019, 26, 1198-1203.	1.6	11
70	Decreasing Room Traffic in Orthopedic Surgery: A Quality Improvement Initiative. <i>American Journal of Medical Quality</i> , 2019, 34, 561-568.	0.5	11
71	Measuring Vestibular Contributions to Age-Related Balance Impairment: A Review. <i>Frontiers in Neurology</i> , 2021, 12, 635305.	2.4	10
72	Preoperative exercise and outcomes after ventral hernia repair: Making the case for prehabilitation in ventral hernia patients. <i>Surgery</i> , 2021, 170, 516-524.	1.9	10

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73	Effects of Optimization Technique on Simulated Muscle Activations and Forces. Journal of Applied Biomechanics, 2020, 36, 259-278.	0.8	10
74	Influence of patellar ligament insertion angle on quadriceps usage during walking in anterior cruciate ligament reconstructed subjects. Journal of Orthopaedic Research, 2009, 27, 730-735.	2.3	9
75	Perceived Instability Is Associated With Strength and Pain, Not Frontal Knee Laxity, in Patients With Advanced Knee Osteoarthritis. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 513-517.	3.5	9
76	Reducing Core Stability Influences Lower Extremity Biomechanics in Novice Runners. Medicine and Science in Sports and Exercise, 2020, 52, 1347-1353.	0.4	9
77	Figure Skater Level Moderates Balance Training. International Journal of Sports Medicine, 2013, 34, 345-349.	1.7	8
78	Lumbopelvic Neuromuscular Training and Injury Rehabilitation. Clinical Journal of Sport Medicine, 2013, 23, 160-171.	1.8	8
79	3D Motion Capture May Detect Spatiotemporal Changes in Pre-Reaching Upper Extremity Movements with and without a Real-Time Constraint Condition in Infants with Perinatal Stroke and Cerebral Palsy: A Longitudinal Case Series. Sensors, 2020, 20, 7312.	3.8	8
80	Measuring human movement for biomechanical applications using markerless motion capture. , 2006, 6056, 246.		7
81	Plant Foot Target Size Influences Mechanics of Unanticipated Run-to-Cut Manuever. Medicine and Science in Sports and Exercise, 2010, 42, 691.	0.4	6
82	Quantitative assessment of mobile protein levels in human knee synovial fluid: feasibility of chemical exchange saturation transfer (proteinCEST) MRI of osteoarthritis. Magnetic Resonance Imaging, 2011, 29, 335-341.	1.8	6
83	High Number of Door Openings Increases the Bacterial Load of the Operating Room. Surgical Infections, 2021, 22, 684-689.	1.4	6
84	Effect of chemotherapy-induced peripheral neuropathy on postural control in cancer survivors.. Journal of Clinical Oncology, 2017, 35, 128-128.	1.6	6
85	Conditions that influence the accuracy of anthropometric parameter estimation for human body segments using shape-from-silhouette. , 2005, , .		5
86	Time-to-contact demonstrates modulation of postural control during a dynamic lower extremity task. Gait and Posture, 2013, 38, 658-662.	1.4	5
87	Characterizing within-subject variability in quantified measures of balance control: A cohort study. Gait and Posture, 2018, 64, 141-146.	1.4	5
88	Biomechanical analysis of users of multi-articulating externally powered prostheses with and without their device. Prosthetics and Orthotics International, 2019, 43, 618-628.	1.0	5
89	What are the effects of simulated muscle weakness on the sit-to-stand transfer?. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 765-772.	1.6	5
90	Differences in coordination and timing of pre-reaching upper extremity movements may be an indicator of cerebral palsy in infants with stroke: A preliminary investigation. Clinical Biomechanics, 2020, 73, 181-188.	1.2	5

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91	Knee Joint Loading During Lineman-Specific Movements in American Football Players. <i>Journal of Applied Biomechanics</i> , 2015, 31, 142-148.	0.8	4
92	Assessing the effect of football play on knee articular cartilage using delayed gadolinium-enhanced MRI of cartilage (dGEMRIC). <i>Magnetic Resonance Imaging</i> , 2017, 39, 149-156.	1.8	4
93	Do Neuromuscular Dentistryâ€œDesigned Mouthguards Enhance Dynamic Movement Ability in Competitive Athletes?. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1627-1635.	2.1	4
94	Effects of spinal coupling and marker set on tracking of spine models during running. <i>Journal of Biomechanics</i> , 2021, 116, 110217.	2.1	4
95	A Quiet Unstable Sitting Test to quantify core stability in clinical settings: Application to adults with ventral hernia. <i>Clinical Biomechanics</i> , 2022, 93, 105594.	1.2	4
96	Forces Generated by Vastus Lateralis and Vastus Medialis Decrease with Increasing Stair Descent Speed. <i>Annals of Biomedical Engineering</i> , 2018, 46, 579-589.	2.5	3
97	iLESS Visual Estimation is a Valid Measure of Knee Valgus During Drop Vertical Jump. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 407.	0.4	2
98	Tibiofemoral joint subchondral surface conformity: Individual variability with race and sex-specific trends. <i>Knee</i> , 2016, 23, 770-776.	1.6	2
99	Effect of an Argentine Tango Intervention on Gait Variability in Cancer Survivors. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 675.	0.4	2
100	INTER-RATER AGREEMENT AND VALIDITY OF A TACKLING PERFORMANCE ASSESSMENT SCALE IN YOUTH AMERICAN FOOTBALL. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 238-246.	1.3	2
101	Dynamic Trunk Control Influence on Run-to-Cut Maneuver: A Risk Factor for ACL Rupture. , 2011, , .		2
102	Effects of age and knee osteoarthritis on the modular control of walking: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0261862.	2.5	2
103	Trunk Control Influences Run-To-Cut But Not Drop-Jump Maneuvers: Implications for Studies on ACL Injury Mechanics. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 170.	0.4	1
104	Differences in Rate of Increased Patellofemoral Joint Reaction Force in the Back Squat Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 681.	0.4	1
105	Pain Experienced By High School Baseball Players And Time Missed Due To Pain. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 763.	0.4	1
106	E8â€œ...Trunk sway relates to gait and mobility measures and provides insight into increased fall risk in younger individuals with huntingtonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A48.1-A48.	1.9	1
107	Proximal Risk Factors for ACL Injury: Role of Core Stability. , 2018, , 189-205.		1
108	Costs Associated with Lower- and Upper-Limb Amputation Over the First 4 Years with a Prosthesis. <i>Journal of Prosthetics and Orthotics</i> , 2020, 32, 81-92.	0.4	1

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109	The Design and Validation of a Device to Intraoperatively Measure Knee Stability During Total Knee Arthroplasty. , 2009, , .		0
110	The Effects of Resistance Training with and without Trunk Stabilization Exercises on Cutting Mechanics. Medicine and Science in Sports and Exercise, 2010, 42, 298.	0.4	0
111	Sampling Rates Influence Interpretation of Data from Force Plate Center of Pressure Measures of Postural Control. Medicine and Science in Sports and Exercise, 2011, 43, 924.	0.4	0
112	A Neuromuscular Dentistry-Designed Mouthguard Does Not Alter Composite Scores on the Functional Movement Screen. Medicine and Science in Sports and Exercise, 2011, 43, 311.	0.4	0
113	Postural Control in Figure Skaters Following a Neuromuscular Training Intervention. Medicine and Science in Sports and Exercise, 2011, 43, 926-927.	0.4	0
114	Single Leg Hop Limb Asymmetry and Lower Extremity Injury Risk in Healthy High School Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 650-651.	0.4	0
115	Lower Extremity Power Relationships To Hand Velocity During Baseball Pitching. Medicine and Science in Sports and Exercise, 2015, 47, 954.	0.4	0
116	Motor Planning and Sensory Neuroplasticity after ACL Reconstruction. Medicine and Science in Sports and Exercise, 2015, 47, 576.	0.4	0
117	Core Stability in Baseball. Medicine and Science in Sports and Exercise, 2015, 47, 1.	0.4	0
118	Injury History Predicts Musculoskeletal Lower Extremity Injury Risk in High School Athletes. Medicine and Science in Sports and Exercise, 2016, 48, 36.	0.4	0
119	Test-Retest Reliability of Functional Tasks in Healthy High School Athletes. Medicine and Science in Sports and Exercise, 2017, 49, 118.	0.4	0
120	The Effect Of Compression Tights On Muscle Vibration And Fatigue From A High-intensity Run. Medicine and Science in Sports and Exercise, 2017, 49, 514.	0.4	0
121	The Effect of Compression Tights on Muscle Vibration and Energy Expenditure during a High-Intensity Run. Medicine and Science in Sports and Exercise, 2017, 49, 995.	0.4	0
122	Visual Memory Influences the Effect of Soccer Ball Handling on Knee Valgus Angle while Cutting. Medicine and Science in Sports and Exercise, 2017, 49, 381.	0.4	0
123	Effects of Alterations in Gait Mechanics on the Development of Osteoarthritis in the ACL-Deficient Knee. , 2018, , 153-166.		0
124	Novel Clinical Assessment of Head and Neck Volume. Journal of the American College of Surgeons, 2019, 229, e178-e179.	0.5	0
125	Projected Health Care Associated Costs of Workplace-Related Traumatic Amputation After 10, 15, and 20 Years: Part I: Lower Limb. Journal of Prosthetics and Orthotics, 2019, 31, 189-198.	0.4	0
126	Pelvic Control Of Professional Baseball Pitchers And Its Correlation To Pitching Performance. Medicine and Science in Sports and Exercise, 2009, 41, 25.	0.4	0

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127	Effects of Alterations in Gait Mechanics on the Development of Osteoarthritis in the ACL-Deficient Knee. , 2012, , 137-147.		0
128	Proximal Risk Factors for ACL Injury: Role of Core Stability. , 2012, , 169-183.		0
129	Comparison of High School vs. Collegiate Athletes Single Leg Balance and Single Leg Hop Characteristics. Medicine and Science in Sports and Exercise, 2014, 46, 207-208.	0.4	0
130	Abstract P1-09-04: Longitudinal evaluation of taxane-induced neuropathy in early stage breast cancer. , 2015, , .		0
131	Longitudinal changes in patient-reported symptoms and physical function during taxane-based chemotherapy in breast cancer patients.. Journal of Clinical Oncology, 2016, 34, 10098-10098.	1.6	0
132	The Brain-Behavior relationship after Anterior Cruciate Ligament Reconstruction. Medicine and Science in Sports and Exercise, 2016, 48, 813.	0.4	0
133	Lower Extremity Mechanical Energy Distribution Does Not Change Following A High-intensity Run. Medicine and Science in Sports and Exercise, 2017, 49, 994.	0.4	0
134	The Effect of Tackling Form on Head Accelerations Experienced by Youth Football Players. Medicine and Science in Sports and Exercise, 2017, 49, 834.	0.4	0
135	Pain and Overuse in High School Baseball Pitchers During a Season. Medicine and Science in Sports and Exercise, 2018, 50, 581.	0.4	0
136	Effects of Spinal Coupling and Marker Set on Tracking of Spine Models During Running. Medicine and Science in Sports and Exercise, 2019, 51, 694-694.	0.4	0
137	Knee Proprioception Measurement Reliability and its Relationship to Single Leg Reach Distance. Medicine and Science in Sports and Exercise, 2019, 51, 342-342.	0.4	0
138	Discover your potential: The influence of kinematics on a muscle's ability to contribute to the sit-to-stand transfer. PLoS ONE, 2022, 17, e0264080.	2.5	0
139	A new perspective on transient characteristics of quiet stance postural control. , 2020, 15, e0237246.		0
140	A new perspective on transient characteristics of quiet stance postural control. , 2020, 15, e0237246.		0
141	A new perspective on transient characteristics of quiet stance postural control. , 2020, 15, e0237246.		0
142	A new perspective on transient characteristics of quiet stance postural control. , 2020, 15, e0237246.		0
143	Is modular control related to functional outcomes in individuals with knee osteoarthritis and following total knee arthroplasty?. PLoS ONE, 2022, 17, e0267340.	2.5	0
144	Might Vestibular "Noise" Cause Subclinical Balance Impairment and Falls?. International Journal of Physical Medicine & Rehabilitation, 2021, 9, .	0.5	0