

Iain R Spears

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9566442/publications.pdf>

Version: 2024-02-01

38
papers

2,139
citations

218381

26
h-index

329751

37
g-index

40
all docs

40
docs citations

40
times ranked

2157
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Performance by Improving Core Stability and Core Strength. <i>Sports Medicine</i> , 2008, 38, 995-1008.	3.1	289
2	The Relationships Between Internal and External Measures of Training Load and Intensity in Team Sports: A Meta-Analysis. <i>Sports Medicine</i> , 2018, 48, 641-658.	3.1	239
3	The Effects of Enamel Anisotropy on the Distribution of Stress in a Tooth. <i>Journal of Dental Research</i> , 1993, 72, 1526-1531.	2.5	125
4	Enamel microstructure—a truly three-dimensional structure. <i>Journal of Human Evolution</i> , 2003, 45, 81-90.	1.3	107
5	Musculoskeletal injuries in British Army recruits: a prospective study of diagnosis-specific incidence and rehabilitation times. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 106.	0.8	94
6	The effect of interfacial parameters on cup—bone relative micromotions. <i>Journal of Biomechanics</i> , 2001, 34, 113-120.	0.9	91
7	Effects of loading on the biochemical behavior of molars of <i>Homo</i> , <i>Pan</i> , and <i>Pongo</i> . <i>American Journal of Physical Anthropology</i> , 1999, 109, 211-227.	2.1	84
8	A detailed quantification of differential ratings of perceived exertion during team-sport training. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 290-295.	0.6	82
9	The Effects of Repeated-Sprint Training on Field-Based Fitness Measures: A Meta-Analysis of Controlled and Non-Controlled Trials. <i>Sports Medicine</i> , 2015, 45, 881-891.	3.1	71
10	<i>Australopithecus anamensis</i> : A finite-element approach to studying the functional adaptations of extinct hominins. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 283A, 310-318.	2.0	69
11	Isolated Core Training Improves Sprint Performance in National-Level Junior Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 204-210.	1.1	66
12	Biomechanical and lifestyle risk factors for medial tibia stress syndrome in army recruits: A prospective study. <i>Gait and Posture</i> , 2011, 33, 361-365.	0.6	63
13	Peak and average rectified EMG measures: Which method of data reduction should be used for assessing core training exercises?. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 102-111.	0.7	60
14	Biomechanical behaviour of modern human molars: Implications for interpreting the fossil record. <i>American Journal of Physical Anthropology</i> , 1998, 106, 467-482.	2.1	59
15	Interfacial conditions between a press-fit acetabular cup and bone during daily activities: implications for achieving bone in-growth. <i>Journal of Biomechanics</i> , 2000, 33, 1471-1477.	0.9	57
16	The mechanical significance of the occlusal geometry of great ape molars in food breakdown. <i>Journal of Human Evolution</i> , 1996, 31, 517-535.	1.3	56
17	Effect of prism orientation and loading direction on contact stresses in prismatic enamel of primates: Implications for interpreting wear patterns. <i>American Journal of Physical Anthropology</i> , 2005, 126, 427-434.	2.1	51
18	The Sensitivity of Differential Ratings of Perceived Exertion as Measures of Internal Load. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 404-406.	1.1	46

#	ARTICLE	IF	CITATIONS
19	The Effect of Saddle Design on Stresses in the Perineum during Cycling. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1620-1625.	0.2	40
20	The influence of friction and interference on the seating of a hemispherical press-fit cup: a finite element investigation. <i>Journal of Biomechanics</i> , 1999, 32, 1183-1189.	0.9	39
21	The effect of heel-pad thickness and loading protocol on measured heel-pad stiffness and a standardized protocol for inter-subject comparability. <i>Clinical Biomechanics</i> , 2006, 21, 204-212.	0.5	37
22	Two Weeks of Repeated-Sprint Training in Soccer: To Turn or Not to Turn?. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 998-1004.	1.1	37
23	The Influence of Playing Position and Contextual Factors on Soccer Players'™ Match Differential Ratings of Perceived Exertion: A Preliminary Investigation. <i>Sports</i> , 2018, 6, 13.	0.7	36
24	Gait Retraining and Incidence of Medial Tibial Stress Syndrome in Army Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1684-1692.	0.2	35
25	The Short-Term Effects of Real-Time Virtual Reality Feedback on Motor Learning in Dance. <i>Presence: Teleoperators and Virtual Environments</i> , 2011, 20, 62-77.	0.3	31
26	Virtual Augmented Exercise Gaming for Older Adults. <i>Cyberpsychology, Behavior and Social Networking</i> , 2008, 11, 103-106.	2.2	30
27	Repeated Sprints: An Independent Not Dependent Variable. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 693-696.	1.1	24
28	Real-time measurement of pelvis and trunk kinematics during treadmill locomotion using a low-cost depth-sensing camera: A concurrent validity study. <i>Journal of Biomechanics</i> , 2016, 49, 474-478.	0.9	24
29	Automated method to measure trabecular thickness from microcomputed tomographic scans and its application. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 982-988.	2.0	18
30	Differential training loads and individual fitness responses to pre-season in professional rugby union players. <i>Journal of Sports Sciences</i> , 2018, 36, 2438-2446.	1.0	18
31	Development of an Exergame to Deliver a Sustained Dose of High-Intensity Training: Formative Pilot Randomized Trial. <i>JMIR Serious Games</i> , 2018, 6, e4.	1.7	16
32	An Exploratory Study on the Combined Effects of External and Internal Morphology on Load Dissipation in Primate Capitates: Its Potential for an Understanding of the Positional and Locomotor Repertoire of Early Hominins. <i>Folia Primatologica</i> , 2011, 81, 292-304.	0.3	14
33	The Effect of Isolated Core Training on Selected Measures of Golf Swing Performance. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2292-2297.	0.2	14
34	Effect of Sand on Knee Load During a Single-Leg Jump Task: Implications for Injury Prevention and Rehabilitation Programs. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3164-3172.	1.0	8
35	Systematic Reductions in Differential Ratings of Perceived Exertion Across a 2-Week Repeated-Sprint-Training Intervention That Improved Soccer Players'™ High-Speed-Running Abilities. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1414-1421.	1.1	4
36	Fracture orientation and screw configuration: the optimization of femoral neck fracture immobilization using finite element analysis. <i>Current Orthopaedic Practice</i> , 2009, 20, 534-540.	0.1	2

#	ARTICLE	IF	CITATIONS
37	The effect of the degree of screw tension on interfragmentary displacement in stabilized fractures of the femoral neck. <i>Current Orthopaedic Practice</i> , 2009, 20, 291-299.	0.1	2
38	Using Dynamic Bayesian Networks to Model User-Experience. <i>Lecture Notes in Computer Science</i> , 2014, , 3-13.	1.0	0