

David B Lipps

List of Publications by Year in descending order

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33
papers

2,021
citations

623734

14
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

2944
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor control and aging: Links to age-related brain structural, functional, and biochemical effects. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 721-733.	6.1	1,251
2	What Strains the Anterior Cruciate Ligament During a Pivot Landing?. <i>American Journal of Sports Medicine</i> , 2012, 40, 574-583.	4.2	127
3	Morphologic Characteristics Help Explain the Gender Difference in Peak Anterior Cruciate Ligament Strain During a Simulated Pivot Landing. <i>American Journal of Sports Medicine</i> , 2012, 40, 32-40.	4.2	90
4	Anterior Cruciate Ligament Fatigue Failures in Knees Subjected to Repeated Simulated Pivot Landings. <i>American Journal of Sports Medicine</i> , 2013, 41, 1058-1066.	4.2	78
5	Evaluation of Different Methods for Measuring Lateral Tibial Slope Using Magnetic Resonance Imaging. <i>American Journal of Sports Medicine</i> , 2012, 40, 2731-2736.	4.2	71
6	Radiation Therapy Field Design and Lymphedema Risk After Regional Nodal Irradiation for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 71-78.	0.8	46
7	A novel clinical test of recognition reaction time in healthy adults.. <i>Psychological Assessment</i> , 2012, 24, 249-254.	1.5	40
8	Can a Clinical Test of Reaction Time Predict a Functional Head-Protective Response?. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 382-387.	0.4	38
9	Functional integrity of the shoulder joint and pectoralis major following subpectoral implant breast reconstruction. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1610-1619.	2.3	33
10	On the Implications of a Sex Difference in the Reaction Times of Sprinters at the Beijing Olympics. <i>PLoS ONE</i> , 2011, 6, e26141.	2.5	32
11	Adaptive Postprocessing Techniques for Myocardial Tissue Tracking with Displacement-encoded MR Imaging. <i>Radiology</i> , 2008, 246, 229-240.	7.3	29
12	Quantifying differences in the material properties of the fiber regions of the pectoralis major using ultrasound shear wave elastography. <i>Journal of Biomechanics</i> , 2017, 63, 41-46.	2.1	26
13	Quantifying radiation dose delivered to individual shoulder muscles during breast radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 122, 431-436.	0.6	18
14	Ultrasound elastographic assessment of plantar fascia in runners using rearfoot strike and forefoot strike. <i>Journal of Biomechanics</i> , 2019, 89, 65-71.	2.1	18
15	Mechanical properties of the shoulder and pectoralis major in breast cancer patients undergoing breast-conserving surgery with axillary surgery and radiotherapy. <i>Scientific Reports</i> , 2019, 9, 17737.	3.3	17
16	The influence of reconstruction choice and inclusion of radiation therapy on functional shoulder biomechanics in women undergoing mastectomy for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 447-453.	2.5	15
17	Quantifying the Multidimensional Impedance of the Shoulder During Volitional Contractions. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2354-2369.	2.5	12
18	Identifying predictors of upper extremity muscle elasticity with healthy aging. <i>Journal of Biomechanics</i> , 2020, 103, 109687.	2.1	11

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19	Effect of increased quadriceps tensile stiffness on peak anterior cruciate ligament strain during a simulated pivot landing. <i>Journal of Orthopaedic Research</i> , 2014, 32, 423-430.	2.3	10
20	The influence of wrist posture, grip type, and grip force on median nerve shape and cross-sectional area. <i>Clinical Anatomy</i> , 2017, 30, 470-478.	2.7	10
21	Identifying the mechanical and neural properties of the sternocleidomastoid muscles. <i>Journal of Applied Physiology</i> , 2018, 124, 1297-1303.	2.5	9
22	Age and sex influence the activation-dependent stiffness of the pectoralis major. <i>Journal of Anatomy</i> , 2021, 239, 479-488.	1.5	6
23	System Identification of Multidimensional Shoulder Impedance During Volitional Contractions. <i>IFAC-PapersOnLine</i> , 2015, 48, 1369-1374.	0.9	5
24	Neuromuscular compensation strategies adopted at the shoulder following bilateral subpectoral implant breast reconstruction. <i>Journal of Biomechanics</i> , 2021, 120, 110348.	2.1	5
25	Stretch Reflexes in Shoulder Muscles Are Described Best by Heteronymous Pathways. <i>Biosystems and Biorobotics</i> , 2017, , 141-145.	0.3	4
26	Quantifying the three-dimensional joint position sense of the shoulder. <i>Human Movement Science</i> , 2019, 67, 102508.	1.4	4
27	Postural differences in shoulder dynamics during pushing and pulling. <i>Journal of Biomechanics</i> , 2019, 85, 67-73.	2.1	3
28	The relationship between muscle activation and shear elastic modulus of the sternocleidomastoid muscle during 3-D torque production. <i>Journal of Electromyography and Kinesiology</i> , 2020, 55, 102480.	1.7	3
29	Posture-dependent neuromuscular contributions to three-dimensional isometric shoulder torque generation. <i>Journal of Neurophysiology</i> , 2020, 123, 1526-1535.	1.8	3
30	Work in progress - assessment of an electronic learning management system In bioengineering. <i>Proceedings - Frontiers in Education Conference, FIE</i> , 2007, , .	0.0	2
31	How gender and task difficulty affect a sport-protective response in young adults. <i>Journal of Sports Sciences</i> , 2013, 31, 723-730.	2.0	2
32	The Influence of Functional Shoulder Biomechanics as a Mediator of Patient-Reported Outcomes following Mastectomy and Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 181-192.	1.4	2
33	On the apparent decrease in Olympic sprinter reaction times. <i>PLoS ONE</i> , 2018, 13, e0198633.	2.5	1