

Julie Anne Hides

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

8,626
citations

76031

42
h-index

49824

91
g-index

129
all docs

129
docs citations

129
times ranked

4402
citing authors

#	ARTICLE	IF	CITATIONS
1	Alteration of lumbar muscle morphology and composition in relation to low back pain: a systematic review and meta-analysis. <i>Spine Journal</i> , 2022, 22, 660-676.	0.6	38
2	Intramuscular lipid concentration increased in localized regions of the lumbar muscles following 60 day bedrest. <i>Spine Journal</i> , 2022, 22, 616-628.	0.6	6
3	Sensorimotor system changes in adolescent rugby players post-concussion: A prospective investigation from the subacute period through to return-to-sport. <i>Musculoskeletal Science and Practice</i> , 2022, 57, 102492.	0.6	7
4	Trunk muscle size and function in volleyball players with and without injuries to the head, neck and upper limb. <i>Physical Therapy in Sport</i> , 2022, 54, 1-7.	0.8	3
5	Vestibular and oculomotor function in male combat sport athletes. <i>Journal of Science and Medicine in Sport</i> , 2022, , .	0.6	2
6	Relationship between the morphology and composition of the lumbar paraspinal and psoas muscles and lumbar intervertebral motion in chronic low back pain: An exploratory study. <i>Clinical Anatomy</i> , 2022, 35, 762-772.	1.5	2
7	Cervical spine characteristics differ in competitive combat athletes compared with active control participants. <i>Musculoskeletal Science and Practice</i> , 2022, 61, 102614.	0.6	0
8	The effects of exposure to microgravity and reconditioning of the lumbar multifidus and anterolateral abdominal muscles: implications for people with LBP. <i>Spine Journal</i> , 2021, 21, 477-491.	0.6	17
9	A prospective study of risk factors for hamstring injury in Australian football league players. <i>Journal of Sports Sciences</i> , 2021, 39, 1395-1401.	1.0	4
10	The association of concussion history and symptom presentation in combat sport athletes. <i>Physical Therapy in Sport</i> , 2021, 48, 101-108.	0.8	6
11	The Effect of Human Tissue on Field Strength Measurements In Vivo Using a Resonant UHF Cavity-Backed Slot Antenna. <i>Bioelectromagnetics</i> , 2021, 42, 284-295.	0.9	4
12	Lower limb joint position sense and prospective hamstring injury. <i>Musculoskeletal Science and Practice</i> , 2021, 53, 102371.	0.6	5
13	The prevalence and burden of recurrent headache in Australian adolescents: findings from the longitudinal study of Australian children. <i>Journal of Headache and Pain</i> , 2021, 22, 49.	2.5	8
14	Lumbar muscle atrophy and increased relative intramuscular lipid concentration are not mitigated by daily artificial gravity after 60-day head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2021, 131, 356-368.	1.2	13
15	Intermittent short-arm centrifugation is a partially effective countermeasure against upright balance deterioration following 60-day head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2021, 131, 689-701.	1.2	13
16	Gluteal Muscle Atrophy and Increased Intramuscular Lipid Concentration Are Not Mitigated by Daily Artificial Gravity Following 60-Day Head-Down Tilt Bed Rest. <i>Frontiers in Physiology</i> , 2021, 12, 745811.	1.3	8
17	Hip muscle atrophy in patients with acetabular labral joint pathology. <i>Clinical Anatomy</i> , 2020, 33, 538-544.	1.5	4
18	Evaluation of patellar tendinopathy using the single leg decline squat test: Is pain location important?. <i>Physical Therapy in Sport</i> , 2020, 46, 254-259.	0.8	4

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19	Clinical utility of measuring the size of the lumbar multifidus and quadratus lumborum muscles in the Australian football league setting: A prospective cohort study. <i>Physical Therapy in Sport</i> , 2020, 46, 186-193.	0.8	9
20	Pre-season screening of the upper body and trunk in Australian football players: A prospective study. <i>Physical Therapy in Sport</i> , 2020, 46, 120-130.	0.8	1
21	Effects of a six-week exercise intervention on function, pain and lumbar multifidus muscle cross-sectional area in chronic low back pain: A proof-of-concept study. <i>Musculoskeletal Science and Practice</i> , 2020, 49, 102190.	0.6	3
22	Injury surveillance of an Australian community netball club. <i>Physical Therapy in Sport</i> , 2020, 44, 41-46.	0.8	12
23	Hypogravity reduces trunk admittance and lumbar muscle activation in response to external perturbations. <i>Journal of Applied Physiology</i> , 2020, 128, 1044-1055.	1.2	10
24	Exploring the use of ultrasound imaging by physiotherapists: An international survey. <i>Musculoskeletal Science and Practice</i> , 2020, 49, 102213.	0.6	14
25	Lower limb MSK injuries among school-aged rugby and football players: a systematic review. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000806.	1.4	1
26	Injury reporting via SMS text messaging and online survey in community sport: A feasibility study. <i>Translational Sports Medicine</i> , 2019, 2, 351-357.	0.5	1
27	State-of-the-Art Exercise Concepts for Lumbopelvic and Spinal Muscles – Transferability to Microgravity. <i>Frontiers in Physiology</i> , 2019, 10, 837.	1.3	8
28	Predicting a beneficial response to motor control training in patients with low back pain: a longitudinal cohort study. <i>European Spine Journal</i> , 2019, 28, 2462-2469.	1.0	12
29	Answer to the Letter to the Editor of P. Kent et al. concerning "Predicting a beneficial response to motor control training in patients with low back pain: a longitudinal cohort study" by Hides JA, et al. (<i>Eur Spine J.</i> 2019; https://doi.org/10.1007/s00586-019-06045-7). <i>European Spine Journal</i> , 2019, 28, 2432-2432.	1.0	0
30	Mechanisms of traumatic injury to the shoulder girdle in the Australian Football League. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 987-991.	0.6	5
31	Convergence and Divergence of Exercise-Based Approaches That Incorporate Motor Control for the Management of Low Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 437-452.	1.7	39
32	Imaging with ultrasound in physical therapy: What is the PT's scope of practice? A competency-based educational model and training recommendations. <i>British Journal of Sports Medicine</i> , 2019, 53, 1447-1453.	3.1	71
33	Vitamin D supplements for trunk muscle morphology in older adults: secondary analysis of a randomized controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 177-187.	2.9	12
34	Vestibulo-ocular dysfunction in adolescent rugby union players with and without a history of concussion. <i>Musculoskeletal Science and Practice</i> , 2019, 39, 144-149.	0.6	15
35	Intrinsic foot muscle size can be measured reliably in weight bearing using ultrasound imaging. <i>Gait and Posture</i> , 2019, 68, 369-374.	0.6	14
36	Different ways to balance the spine in sitting: Muscle activity in specific postures differs between individuals with and without a history of back pain in sitting. <i>Clinical Biomechanics</i> , 2018, 52, 25-32.	0.5	28

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37	Functional behaviour of spinal muscles after training with an exercise device developed to recruit and train postural muscles. <i>Gait and Posture</i> , 2018, 66, 189-193.	0.6	2
38	The assessment of abdominal and multifidus muscles and their role in physical function in older adults: a systematic review. <i>Physiotherapy</i> , 2017, 103, 21-39.	0.2	30
39	Predicting football injuries using size and ratio of the multifidus and quadratus lumborum muscles. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 440-447.	1.3	27
40	Test-retest reliability of measurements of abdominal and multifidus muscles using ultrasound imaging in adults aged 50-79 years. <i>Musculoskeletal Science and Practice</i> , 2017, 28, 79-84.	0.6	21
41	Systematic review of countermeasures to minimise physiological changes and risk of injury to the lumbopelvic area following long-term microgravity. <i>Musculoskeletal Science and Practice</i> , 2017, 27, S5-S14.	0.6	26
42	Terrestrial neuro-musculoskeletal rehabilitation and astronaut reconditioning: Reciprocal knowledge transfer. <i>Musculoskeletal Science and Practice</i> , 2017, 27, S1-S4.	0.6	7
43	A prospective investigation of changes in the sensorimotor system following sports concussion. An exploratory study. <i>Musculoskeletal Science and Practice</i> , 2017, 29, 7-19.	0.6	38
44	The role of physiotherapy in the European Space Agency strategy for preparation and reconditioning of astronauts before and after long duration space flight. <i>Musculoskeletal Science and Practice</i> , 2017, 27, S15-S22.	0.6	28
45	Self-Managed Exercises, Fitness and Strength Training, and Multifidus Muscle Size in Elite Footballers. <i>Journal of Athletic Training</i> , 2017, 52, 649-655.	0.9	5
46	Epidemiology of injuries in Australian school level rugby union. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 740-744.	0.6	26
47	Parallels between astronauts and terrestrial patients – Taking physiotherapy rehabilitation to infinity and beyond. <i>Musculoskeletal Science and Practice</i> , 2017, 27, S32-S37.	0.6	18
48	Self-reported Concussion History and Sensorimotor Tests Predict Head/Neck Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2385-2393.	0.2	20
49	Gluteus medius activation during running is a risk factor for season hamstring injuries in elite footballers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 159-163.	0.6	25
50	Injuries in Australian school-level rugby union. <i>Journal of Sports Sciences</i> , 2017, 35, 2088-2092.	1.0	21
51	Association between altered motor control of trunk muscles and head and neck injuries in elite footballers – An exploratory study. <i>Manual Therapy</i> , 2016, 24, 46-51.	1.6	20
52	The effect of motor control training on abdominal muscle contraction during simulated weight bearing in elite cricketers. <i>Physical Therapy in Sport</i> , 2016, 20, 26-31.	0.8	5
53	The effect of low back pain on trunk muscle size/function and hip strength in elite football (soccer) players. <i>Journal of Sports Sciences</i> , 2016, 34, 2303-2311.	1.0	27
54	Measuring ultrasound images of abdominal and lumbar multifidus muscles in older adults: A reliability study. <i>Manual Therapy</i> , 2016, 23, 114-119.	1.6	48

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55	Establishing a pragmatic framework to optimise health outcomes in heart failure and multimorbidity (ARISE-HF): A multidisciplinary position statement. <i>International Journal of Cardiology</i> , 2016, 212, 1-10.	0.8	43
56	Effect of motor control training on hip muscles in elite football players with and without low back pain. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 866-871.	0.6	14
57	Changes in multifidus and abdominal muscle size in response to microgravity: possible implications for low back pain research. <i>European Spine Journal</i> , 2016, 25, 175-182.	1.0	50
58	Thoracic and lumbar posture behaviour in sitting tasks and standing: Progressing the biomechanics from observations to measurements. <i>Applied Ergonomics</i> , 2016, 53, 161-168.	1.7	50
59	Activation of the hip adductor muscles varies during a simulated weight-bearing task. <i>Physical Therapy in Sport</i> , 2016, 17, 19-23.	0.8	10
60	Trunk Dynamics Are Impaired in Ballet Dancers with Back Pain but Improve with Imagery. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1665-1671.	0.2	18
61	The Geography of Fatty Infiltrates Within the Cervical Multifidus and Semispinalis Cervicis in Individuals With Chronic Whiplash-Associated Disorders. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2015, 45, 281-288.	1.7	43
62	The relationship between the piriformis muscle, low back pain, lower limb injuries and motor control training among elite football players. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 407-411.	0.6	22
63	Low Back Pain in Microgravity and Bed Rest Studies. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 541-547.	0.2	33
64	Small Multifidus Muscle Size Predicts Football Injuries. <i>Orthopaedic Journal of Sports Medicine</i> , 2014, 2, 232596711453758.	0.8	41
65	Can Motor Control Training Lower the Risk of Injury for Professional Football Players?. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 762-768.	0.2	48
66	Does flexion of the femoral implant in total knee arthroplasty increase knee flexion: A randomised controlled trial. <i>Knee</i> , 2014, 21, 257-263.	0.8	30
67	Morphology of the abdominal muscles in ballet dancers with and without low back pain: A magnetic resonance imaging study. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 452-456.	0.6	31
68	Hip flexor muscle size, strength and recruitment pattern in patients with acetabular labral tears compared to healthy controls. <i>Manual Therapy</i> , 2014, 19, 405-410.	1.6	35
69	Post Space Mission Lumbo-Pelvic Neuromuscular Reconditioning: A European Perspective. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 764-765.	0.6	13
70	Motor control of the spine and changes in pain. , 2013, , 231-239.		2
71	The relationship between control of the spine and low back pain. , 2013, , 99-111.		0
72	Integrated clinical approach to motor control interventions in low back and pelvic pain. , 2013, , 243-309.		20

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73	Size and Symmetry of Trunk Muscles in Ballet Dancers With and Without Low Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013, 43, 525-533.	1.7	51
74	Effect of Motor Control Training on Muscle Size and Football Games Missed from Injury. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1141-1149.	0.2	68
75	Muscle Imbalance Among Elite Australian Rules Football Players: A Longitudinal Study of Changes in Trunk Muscle Size. <i>Journal of Athletic Training</i> , 2012, 47, 314-319.	0.9	32
76	Abdominal muscle response to a simulated weight-bearing task by elite Australian Rules football players. <i>Human Movement Science</i> , 2012, 31, 129-138.	0.6	22
77	Multifidus muscle size and symmetry among elite weightlifters. <i>Physical Therapy in Sport</i> , 2012, 13, 11-15.	0.8	25
78	Muscle Atrophy and Changes in Spinal Morphology. <i>Spine</i> , 2011, 36, 137-145.	1.0	104
79	Magnetic resonance imaging assessment of regional abdominal muscle function in elite AFL players with and without low back pain. <i>Manual Therapy</i> , 2011, 16, 279-284.	1.6	14
80	The relationship of transversus abdominis and lumbar multifidus clinical muscle tests in patients with chronic low back pain. <i>Manual Therapy</i> , 2011, 16, 573-577.	1.6	104
81	The effects of rehabilitation on the muscles of the trunk following prolonged bed rest. <i>European Spine Journal</i> , 2011, 20, 808-818.	1.0	61
82	Screening the Lumbopelvic Muscles for a Relationship to Injury of the Quadriceps, Hamstrings, and Adductor Muscles Among Elite Australian Football League Players. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2011, 41, 767-775.	1.7	40
83	Retraining motor control of abdominal muscles among elite cricketers with low back pain. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 834-842.	1.3	64
84	Consistency in size and asymmetry of the psoas major muscle among elite footballers. <i>British Journal of Sports Medicine</i> , 2010, 44, 1173-1177.	3.1	30
85	A Magnetic Resonance Imaging Investigation of the Transversus Abdominis Muscle During Drawing-in of the Abdominal Wall in Elite Australian Football League Players With and Without Low Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010, 40, 4-10.	1.7	57
86	Countermeasures against lumbar spine deconditioning in prolonged bed rest: resistive exercise with and without whole body vibration. <i>Journal of Applied Physiology</i> , 2010, 109, 1801-1811.	1.2	81
87	Validity of Real-Time Ultrasound Imaging to Measure Anterior Hip Muscle Size: A Comparison With Magnetic Resonance Imaging. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010, 40, 577-581.	1.7	53
88	Psoas and quadratus lumborum muscle asymmetry among elite Australian Football League players. <i>British Journal of Sports Medicine</i> , 2010, 44, 563-567.	3.1	48
89	Is "ideal" sitting posture real?: Measurement of spinal curves in four sitting postures. <i>Manual Therapy</i> , 2009, 14, 404-408.	1.6	162
90	The effect of chronic low back pain on size and contraction of the lumbar multifidus muscle. <i>Manual Therapy</i> , 2009, 14, 496-500.	1.6	264

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91	The association between degenerative hip joint pathology and size of the gluteus maximus and tensor fascia lata muscles. <i>Manual Therapy</i> , 2009, 14, 611-617.	1.6	81
92	The association between degenerative hip joint pathology and size of the gluteus medius, gluteus minimus and piriformis muscles. <i>Manual Therapy</i> , 2009, 14, 605-610.	1.6	136
93	Altered response of the anterolateral abdominal muscles to simulated weight-bearing in subjects with low back pain. <i>European Spine Journal</i> , 2009, 18, 410-418.	1.0	90
94	Effect of prolonged bed rest on the anterior hip muscles. <i>Gait and Posture</i> , 2009, 30, 533-537.	0.6	25
95	Different Ways to Balance the Spine. <i>Spine</i> , 2009, 34, E208-E214.	1.0	147
96	Musculoskeletal Ultrasound Clinical Roundtable Discussion. <i>Athletic Training & Sports Health Care</i> , 2009, 1, 104-105.	0.4	0
97	Multifidus size and symmetry among chronic LBP and healthy asymptomatic subjects. <i>Manual Therapy</i> , 2008, 13, 43-49.	1.6	309
98	Sitting versus standing: Does the intradiscal pressure cause disc degeneration or low back pain?. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 550-558.	0.7	76
99	MRI study of the size, symmetry and function of the trunk muscles among elite cricketers with and without low back pain. <i>British Journal of Sports Medicine</i> , 2008, 42, 509-513.	3.1	168
100	Effect of Stabilization Training On Multifidus Muscle Cross-sectional Area Among Young Elite Cricketers With Low Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2008, 38, 101-108.	1.7	277
101	Resistive Simulated Weightbearing Exercise With Whole Body Vibration Reduces Lumbar Spine Deconditioning in Bed-Rest. <i>Spine</i> , 2008, 33, E121-E131.	1.0	67
102	Rehabilitative Ultrasound Imaging of the Posterior Paraspinal Muscles. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 581-595.	1.7	140
103	Intrarater and Interrater Reliability of Assessment of Lumbar Multifidus Muscle Thickness Using Rehabilitative Ultrasound Imaging. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 608-612.	1.7	141
104	Assessment of Abdominal Muscle function During a Simulated Unilateral Weight-Bearing Task Using Ultrasound Imaging. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 467-471.	1.7	48
105	Rehabilitative Ultrasound Imaging of the Abdominal Muscles. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 450-466.	1.7	223
106	Magnetic Resonance Imaging Assessment of Trunk Muscles During Prolonged Bed Rest. <i>Spine</i> , 2007, 32, 1687-1692.	1.0	116
107	Ultrasound Imaging Assessment of Abdominal Muscle Function During Drawing-in of the Abdominal Wall: An Intrarater Reliability Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 480-486.	1.7	161
108	An MRI Investigation Into the Function of the Transversus Abdominis Muscle During "Drawing-In" of the Abdominal Wall. <i>Spine</i> , 2006, 31, E175-E178.	1.0	286

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109	Low Back Pain Patients Demonstrate Increased Hip Extensor Muscle Activity During Standardized Submaximal Rotation Efforts. <i>Spine</i> , 2006, 31, E999-E1005.	1.0	24
110	The Use of Real-Time Ultrasound Imaging for Biofeedback of Lumbar Multifidus Muscle Contraction in Healthy Subjects. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2006, 36, 920-925.	1.7	146
111	Open chain segmental control and progression into function. , 2004, , 233-246.		2
112	Joint injury. , 2004, , 119-127.		0
113	Local segmental control. , 2004, , 185-219.		15
114	Principles of the "segmental stabilization"™ exercise model. , 2004, , 175-183.		6
115	The Relation Between the Transversus Abdominis Muscles, Sacroiliac Joint Mechanics, and Low Back Pain. <i>Spine</i> , 2002, 27, 399-405.	1.0	519
116	Long-Term Effects of Specific Stabilizing Exercises for First-Episode Low Back Pain. <i>Spine</i> , 2001, 26, e243-e248.	1.0	680
117	Use of real-time ultrasound imaging for feedback in rehabilitation. <i>Manual Therapy</i> , 1998, 3, 125-131.	1.6	80
118	Musculoskeletal ultrasound imaging: diagnostic and treatment aid in rehabilitation. <i>Physical Therapy Reviews</i> , 1997, 2, 73-92.	0.3	34
119	Multifidus Muscle Recovery Is Not Automatic After Resolution of Acute, First-Episode Low Back Pain. <i>Spine</i> , 1996, 21, 2763-2769.	1.0	876
120	Magnetic Resonance Imaging and Ultrasonography of the Lumbar Multifidus Muscle. <i>Spine</i> , 1995, 20, 54-58.	1.0	236
121	Ultrasound imaging in rehabilitation. <i>Australian Journal of Physiotherapy</i> , 1995, 41, 187-193.	0.9	57
122	Screen based keyboard operation: the adverse effects on the neural system. <i>Australian Journal of Physiotherapy</i> , 1995, 41, 99-107.	0.9	18
123	Evidence of Lumbar Multifidus Muscle Wasting Ipsilateral to Symptoms in Patients with Acute/Subacute Low Back Pain. <i>Spine</i> , 1994, 19, 165-172.	1.0	772
124	Diagnostic Ultrasound Imaging for Measurement of the Lumbar Multifidus Muscle in Normal Young Adults. <i>Physiotherapy Theory and Practice</i> , 1992, 8, 19-26.	0.6	93
125	The Effects of Reconditioning Exercises Following Prolonged Bed Rest on Lumbopelvic Muscle Volume and Accumulation of Paraspinal Muscle Fat. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1