

Alan Donnelly

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

4,063
citations

109137

35
h-index

123241

61
g-index

91
all docs

91
docs citations

91
times ranked

5718
citing authors

#	ARTICLE	IF	CITATIONS
1	Eaten up by boredom: consuming food to escape awareness of the bored self. <i>Frontiers in Psychology</i> , 2015, 6, 369.	1.1	252
2	A systematic literature review of reviews on techniques for physical activity measurement in adults: a DEDIPAC study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 15.	2.0	230
3	Delayed-onset muscle damage and lipid peroxidation in man after a downhill run. <i>Muscle and Nerve</i> , 1989, 12, 332-336.	1.0	165
4	Are Self-report Measures Able to Define Individuals as Physically Active or Inactive?. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 235-244.	0.2	152
5	Exercise-induced skeletal muscle damage and adaptation following repeated bouts of eccentric muscle contractions. <i>Journal of Sports Sciences</i> , 1997, 15, 215-222.	1.0	144
6	Elevated serum antioxidant capacity and plasma malondialdehyde concentration in response to a simulated half-marathon run. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 1603-1607.	0.2	143
7	Variation in population levels of physical activity in European children and adolescents according to cross-European studies: a systematic literature review within DEDIPAC. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 70.	2.0	133
8	Tracking of Physical Activity and Sedentary Behavior From Adolescence to Young Adulthood: A Systematic Literature Review. <i>Journal of Adolescent Health</i> , 2019, 65, 446-454.	1.2	117
9	Muscle, Skin and Core Temperature after $\sim 110^{\circ}\text{C}$ Cold Air and 8°C Water Treatment. <i>PLoS ONE</i> , 2012, 7, e48190.	1.1	114
10	Variation in population levels of sedentary time in European children and adolescents according to cross-European studies: a systematic literature review within DEDIPAC. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 69.	2.0	99
11	The use of thermal imaging in assessing skin temperature following cryotherapy: a review. <i>Journal of Thermal Biology</i> , 2012, 37, 103-110.	1.1	96
12	Does Antioxidant Vitamin Supplementation Protect against Muscle Damage?. <i>Sports Medicine</i> , 2009, 39, 1011-1032.	3.1	92
13	Criterion and Concurrent Validity of the activPAL [®] , [†] Professional Physical Activity Monitor in Adolescent Females. <i>PLoS ONE</i> , 2012, 7, e47633.	1.1	91
14	Comparison of eccentric knee extensor muscle actions at two muscle lengths on indices of damage and anglespecific force production in humans. <i>Journal of Sports Sciences</i> , 1998, 16, 301-308.	1.0	89
15	Validation of MET estimates and step measurement using the ActivPAL physical activity logger. <i>Journal of Sports Sciences</i> , 2011, 29, 627-633.	1.0	89
16	Variation in population levels of physical activity in European adults according to cross-European studies: a systematic literature review within DEDIPAC. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 72.	2.0	88
17	Effects of whole-body cryotherapy ($\sim 110^{\circ}\text{C}$) on proprioception and indices of muscle damage. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 190-198.	1.3	85
18	Effects of ibuprofen on exercise-induced muscle soreness and indices of muscle damage.. <i>British Journal of Sports Medicine</i> , 1990, 24, 191-195.	3.1	84

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19	Skeletal muscle collagen content in humans after high-force eccentric contractions. <i>Journal of Applied Physiology</i> , 2004, 97, 197-203.	1.2	82
20	Stimulus artifact removal using a software-based two-stage peak detection algorithm. <i>Journal of Neuroscience Methods</i> , 2001, 109, 137-145.	1.3	80
21	Cryotherapy and Joint Position Sense in Healthy Participants: A Systematic Review. <i>Journal of Athletic Training</i> , 2010, 45, 306-316.	0.9	77
22	Effect of walking speed changes on tibialis anterior EMG during healthy gait for FES envelope design in drop foot correction. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 605-616.	0.7	74
23	Changes in indices of antioxidant status, lipid peroxidation and inflammation in human skeletal muscle after eccentric muscle actions. <i>Clinical Science</i> , 1999, 96, 105-115.	1.8	71
24	Effects of dietary supplementation with vitamins C and E on muscle function during and after eccentric contractions in humans. <i>European Journal of Applied Physiology</i> , 2004, 93, 196-202.	1.2	71
25	Towards the integration and development of a cross-European research network and infrastructure: the DEterminants of Diet and Physical ACTivity (DEDIPAC) Knowledge Hub. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 143.	2.0	68
26	Variation in population levels of sedentary time in European adults according to cross-European studies: a systematic literature review within DEDIPAC. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 71.	2.0	65
27	Effects of a non-steroidal anti-inflammatory drug on delayed onset muscle soreness and indices of damage.. <i>British Journal of Sports Medicine</i> , 1988, 22, 35-38.	3.1	63
28	The measurement of sedentary patterns and behaviors using the activPAL [®] , a Professional physical activity monitor. <i>Physiological Measurement</i> , 2012, 33, 1887-1899.	1.2	61
29	Determinants of diet and physical activity (DEDIPAC): a summary of findings. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 150.	2.0	59
30	Objective physical activity levels in people with multiple sclerosis: Meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1960-1969.	1.3	57
31	Indirect evidence of human skeletal muscle damage and collagen breakdown after eccentric muscle actions. <i>Journal of Sports Sciences</i> , 1999, 17, 397-402.	1.0	53
32	Cross-Sectional analysis of levels and patterns of objectively measured sedentary time in adolescent females. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011, 8, 120.	2.0	50
33	Rectus femoris surface myoelectric signal cross-talk during static contractions. <i>Journal of Electromyography and Kinesiology</i> , 2005, 15, 564-575.	0.7	48
34	Progressive resistance training temporarily alters hamstring torque-angle relationship. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736064.	1.3	47
35	The cross-sectional associations between objectively measured sedentary time and cardiometabolic health markers in adults – a systematic review with meta-analysis component. <i>Obesity Reviews</i> , 2018, 19, 381-395.	3.1	46
36	Pilot Randomized Trial of Progressive Resistance Exercise Augmented by Neuromuscular Electrical Stimulation for People With Multiple Sclerosis Who Use Walking Aids. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 197-204.	0.5	33

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37	Effect of exercise modality on markers of insulin sensitivity and blood glucose control in pregnancies complicated with gestational diabetes mellitus: a systematic review. <i>Obesity Science and Practice</i> , 2018, 4, 455-467.	1.0	33
38	Exercise-induced muscle damage: effects of light exercise on damaged muscle. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 64, 350-353.	1.2	31
39	Light Concentric Exercise During Recovery from Exercise-Induced Muscle Damage. <i>International Journal of Sports Medicine</i> , 1995, 16, 347-351.	0.8	31
40	The development of a potential optimized stimulation intensity envelope for drop foot applications. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2003, 11, 249-256.	2.7	30
41	Results from Ireland's 2014 Report Card on Physical Activity in Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014, 11, S63-S68.	1.0	30
42	Simultaneous validation of five activity monitors for use in adult populations. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1881-1892.	1.3	30
43	Changes in indices of antioxidant status, lipid peroxidation and inflammation in human skeletal muscle after eccentric muscle actions. <i>Clinical Science</i> , 1999, 96, 105.	1.8	29
44	Effects of cold water immersion on knee joint position sense in healthy volunteers. <i>Journal of Sports Sciences</i> , 2011, 29, 449-456.	1.0	28
45	Use of Compositional Data Analysis to Show Estimated Changes in Cardiometabolic Health by Reallocating Time to Light-Intensity Physical Activity in Older Adults. <i>Sports Medicine</i> , 2020, 50, 205-217.	3.1	28
46	Effects of Whole Body Cryotherapy and Cold Water Immersion on Knee Skin Temperature. <i>International Journal of Sports Medicine</i> , 2014, 35, 35-40.	0.8	26
47	Light-Intensity Physical Activity Is Associated with Adiposity in Adolescent Females. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2295-2300.	0.2	25
48	Results From Ireland North and South's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S183-S188.	1.0	24
49	The Simon Task and Aging. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 630-639.	0.2	23
50	Manipulation of Knee Extensor Force Using Percutaneous Electrical Myostimulation During Eccentric Actions: Effects on Indices of Muscle Damage in Humans. <i>International Journal of Sports Medicine</i> , 1998, 19, 468-473.	0.8	22
51	The Acute Effects of Interrupting Prolonged Sitting Time in Adults with Standing and Light-Intensity Walking on Biomarkers of Cardiometabolic Health in Adults: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2022, 52, 1765-1787.	3.1	22
52	Objective physical activity measurement in people with multiple sclerosis: a review of the literature. <i>Disability and Rehabilitation: Assistive Technology</i> , 2018, 13, 124-131.	1.3	19
53	Electromyogram activity and mean power frequency in exercise-damaged human muscle. , 1998, 21, 961-963.		17
54	Muscle connective tissue content of endurance-trained and inactive individuals. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2005, 15, 402-408.	1.3	17

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55	Treadmill stimulation improves newborn stepping. <i>Developmental Psychobiology</i> , 2015, 57, 247-254.	0.9	17
56	A Steps/Minute Value for Moderate Intensity Physical Activity in Adolescent Females. <i>Pediatric Exercise Science</i> , 2012, 24, 399-408.	0.5	16
57	A Review of the Evidence for the Use of Ventilation as a Surrogate Measure of Energy Expenditure. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014, 38, 926-938.	1.3	15
58	The accuracy of the SenseWear Pro3 and the activPAL3 Micro devices for measurement of energy expenditure. <i>Physiological Measurement</i> , 2016, 37, 1715-1727.	1.2	14
59	Comparing the effects of whole-body vibration to standard exercise in ambulatory people with Multiple Sclerosis: a randomised controlled feasibility study. <i>Clinical Rehabilitation</i> , 2016, 30, 657-668.	1.0	13
60	Students' attitudes towards and experiences of the Youth-fit health-related fitness test battery. <i>European Physical Education Review</i> , 2021, 27, 41-56.	1.2	13
61	The feasibility of an exercise intervention to improve sleep (time, quality and disturbance) in people with rheumatoid arthritis: a pilot RCT. <i>Rheumatology International</i> , 2021, 41, 297-310.	1.5	13
62	The effects of impact and non-impact exercise on circulating markers of collagen remodelling in humans. <i>Journal of Sports Sciences</i> , 2006, 24, 843-848.	1.0	12
63	Does exercise impact on sleep for people who have rheumatoid arthritis? A systematic review. <i>Rheumatology International</i> , 2017, 37, 963-974.	1.5	12
64	Maternal obesity and degree of glucose intolerance on neonatal hypoglycaemia and birth weight: a retrospective observational cohort study in women with gestational diabetes mellitus. <i>European Journal of Pediatrics</i> , 2020, 179, 653-660.	1.3	9
65	The Influence of Different Physical Activity Behaviours on the Gut Microbiota of Older Irish Adults. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 854-861.	1.5	9
66	A risk-prediction model using parameters of maternal body composition to identify gestational diabetes mellitus in early pregnancy. <i>Clinical Nutrition ESPEN</i> , 2021, 45, 312-321.	0.5	9
67	Test-Retest Reliability of Student-Administered Health-Related Fitness Tests in School Settings. <i>Pediatric Exercise Science</i> , 2020, 32, 48-57.	0.5	9
68	The Development of Activity Profiles in Adolescent Females and their Association with Adiposity. <i>Pediatric Exercise Science</i> , 2016, 28, 109-116.	0.5	8
69	Sleep and physical activity: a survey of people with inflammatory arthritis and their engagement by health professionals in rheumatology in Ireland. <i>Disability and Rehabilitation</i> , 2018, 40, 2260-2266.	0.9	7
70	Minimum Wear Duration for the activPAL Professional Activity Monitor in Adolescent Females. <i>Pediatric Exercise Science</i> , 2017, 29, 427-433.	0.5	6
71	The impact of exercise on sleep (time, quality, and disturbance) in patients with rheumatoid arthritis: a study protocol for a pilot randomised controlled trial. <i>Rheumatology International</i> , 2018, 38, 1191-1198.	1.5	6
72	Changes in human skeletal muscle length during stimulated eccentric muscle actions. <i>Journal of Physiological Sciences</i> , 2011, 61, 31-36.	0.9	5

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73	An evaluation of an intervention designed to help inactive adults become more active with a peer mentoring component: a protocol for a cluster randomised feasibility trial of the Move for Life programme. <i>Pilot and Feasibility Studies</i> , 2019, 5, 88.	0.5	5
74	Profiling the health-related physical fitness of Irish adolescents: A school-level sociodemographic divide. <i>PLoS ONE</i> , 2020, 15, e0235293.	1.1	5
75	Inter and intra-reliability of ultrasonography for the measurement of abdominal subcutaneous & visceral adipose tissue thickness at 12 weeks gestation. <i>BMC Medical Imaging</i> , 2019, 19, 95.	1.4	5
76	The feasibility of comparing whole body vibration intervention to the same duration and dose of exercise for people with Multiple Sclerosis. <i>Physiotherapy Practice and Research</i> , 2014, 35, 75-86.	0.1	4
77	A systematic review of lower extremity electrical stimulation for treatment of walking impairment in peripheral artery disease. <i>Vascular Medicine</i> , 2020, 25, 354-363.	0.8	4
78	A cluster analysis of device-measured physical activity behaviours and the association with chronic conditions, multi-morbidity and healthcare utilisation in adults aged 45 years and older. <i>Preventive Medicine Reports</i> , 2021, 24, 101641.	0.8	4
79	The Influence of Sitting, Standing, and Stepping Bouts on Cardiometabolic Health Markers in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2022, 30, 114-122.	0.5	3
80	Physical Activity Surveillance in Adolescents with Type 1 Diabetes: A Pilot Mixed-Methods Investigation. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-7.	1.0	3
81	School- and Leisure Time Factors Are Associated With Sitting Time of German and Irish Children and Adolescents During School: Results of a DEDIPAC Feasibility Study. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 93.	0.9	1
82	Can Optic Flow Further Stimulate Treadmill-Elicited Stepping in Newborns?. <i>Frontiers in Psychology</i> , 2021, 12, 665306.	1.1	1
83	Juggling with theory, evidence, practice, and real-world circumstances: Development of a complex community intervention to increase physical activity in inactive adults aged 50 years and older – The Move for Life Study. <i>Evaluation and Program Planning</i> , 2021, 89, 101983.	0.9	1
84	The Feasibility of a Fitness Test Battery and Web-Based Platform for Monitoring Key Indicators of Adolescent Health in School Settings. <i>Physical Activity and Health</i> , 2021, 5, 107-119.	0.6	1
85	OP0275-HPR...The effects of exercise on depressive and anxiety symptoms in rheumatoid arthritis: a systematic review and meta-analysis. , 2018, , .		0
86	THU0716-HPR...The impact of exercise on sleep in people with rheumatoid arthritis: a pilot randomised controlled trial. , 2018, , .		0
87	Title is missing!. , 2020, 15, e0235293.		0
88	Title is missing!. , 2020, 15, e0235293.		0
89	Title is missing!. , 2020, 15, e0235293.		0
90	Title is missing!. , 2020, 15, e0235293.		0