Fergal M Grace

List of Publications by Citations

86 papers	1,815 citations	26 h-index	39 g-index
124 ext. papers	2,176 ext. citations	3.6 avg, IF	4.97 L-index

#	Paper	IF	Citations
86	Platelet function tests, independent of platelet count, are associated with bleeding severity in ITP. *Blood*, **2015**, 126, 873-9	2.2	104
85	Evidence from randomised controlled trials did not support the introduction of dietary fat guidelines in 1977 and 1983: a systematic review and meta-analysis. *Open Heart*, **2015**, 2, e000196	3	96
84	Excessive Sugar Consumption May Be a Difficult Habit to Break: A View From the Brain and Body. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2239-47	5.6	93
83	BASEM 2002 Silver Jubilee Congress. *British Journal of Sports Medicine*, **2002**, 36, 385-390	10.3	78
82	Remote preconditioning and major clinical complications following adult cardiovascular surgery: systematic review and meta-analysis. *International Journal of Cardiology*, **2014**, 176, 20-31	3.2	70
81	Anabolic steroid use: patterns of use and detection of doping. *Sports Medicine*, **2008**, 38, 505-25	10.6	62
80	Exercise-induced responses in salivary testosterone, cortisol, and their ratios in men: a meta-analysis. *Sports Medicine*, **2015**, 45, 713-26	10.6	60
79	Impaired vasoreactivity in bodybuilders using androgenic anabolic steroids. *European Journal of Clinical Investigation*, **2006**, 36, 483-8	4.6	55
78	Impact of low-volume, high-intensity interval training on maximal aerobic capacity, health-related quality of life and motivation to exercise in ageing men. *Age*, **2015**, 37, 25		52
77	Direct hits to the head during amateur boxing is associated with a rise in serum biomarkers for brain injury. *International Journal of Immunopathology and Pharmacology*, **2011**, 24, 119-25	3	49
76	Bones of contention: bone mineral density recovery in celiac disease--a systematic review. *Nutrients* , **2015**, 7, 3347-69	6.7	46
75	Blood pressure and rate pressure product response in males using high-dose anabolic androgenic steroids (AAS). *Journal of Science and Medicine in Sport*, **2003**, 6, 307-12	4.4	45
74	Androgens affect myogenesis in vitro and increase local IGF-1 expression. *Medicine and Science in Sports and Exercise*, **2012**, 44, 610-5	1.2	40
73	One session of high-intensity interval training (HIIT) every 5 days, improves muscle power but not static balance in lifelong sedentary ageing men: A randomized controlled trial. *Medicine (United States)*, **2017**, 96, e6040	1.8	39
72	Evidence from randomised controlled trials does not support current dietary fat guidelines: a systematic review and meta-analysis. *Open Heart*, **2016**, 3, e000409	3	38
71	Exercise training improves free testosterone in lifelong sedentary aging men. *Endocrine Connections*, **2017**, 6, 306-310	3.5	36
70	High intensity interval training (HIIT) improves resting blood pressure, metabolic (MET) capacity and heart rate reserve without compromising cardiac function in sedentary aging men. *Experimental Gerontology*, **2018**, 109, 75-81	4.5	36

69	The importance of the QT interval: a review of the literature. *Acta Psychiatrica Scandinavica*, **2003**, 107, 96-101	6.5	36
68	Homocysteine induced cardiovascular events: a consequence of long term anabolic-androgenic steroid (AAS) abuse. *British Journal of Sports Medicine*, **2006**, 40, 644-8	10.3	34
67	Validation of a six second cycle test for the determination of peak power output. *Research in Sports Medicine*, **2015**, 23, 115-25	3.8	33
66	Left Ventricular Speckle Tracking-Derived Cardiac Strain and Cardiac Twist Mechanics in Athletes: A Systematic Review and Meta-Analysis of Controlled Studies. *Sports Medicine*, **2017**, 47, 1145-1170	10.6	33
65	Acute whole body UVA irradiation combined with nitrate ingestion enhances time trial performance in trained cyclists. *Nitric Oxide - Biology and Chemistry*, **2015**, 48, 3-9	5	31
64	Six weeks of conditioning exercise increases total, but not free testosterone in lifelong sedentary aging men. *Aging Male*, **2015**, 18, 195-200	2.1	29
63	Lifelong exercise, but not short-term high-intensity interval training, increases GDF11, a marker of successful aging: a preliminary investigation. *Physiological Reports*, **2017**, 5, e13343	2.6	28
62	The effects of a formal exercise training programme on salivary hormone concentrations and body composition in previously sedentary aging men. *SpringerPlus*, **2013**, 2, 18		27
61	Does chronic exercise attenuate age-related physiological decline in males?. *Research in Sports Medicine*, **2013**, 21, 343-54	3.8	27
60	Evidence of altered cardiac electrophysiology following prolonged androgenic anabolic steroid use. *Cardiovascular Toxicology*, **2010**, 10, 239-43	3.4	26
59	Comparative effectiveness of three exercise types to treat clinical depression in older adults: A systematic review and network meta-analysis of randomised controlled trials. *Ageing Research Reviews*, **2020**, 58, 100999	12	25
58	HIIT produces increases in muscle power and free testosterone in male masters athletes. *Endocrine Connections*, **2017**, 6, 430-436	3.5	24
57	Resting steroid hormone concentrations in lifetime exercisers and lifetime sedentary males. *Aging Male*, **2015**, 18, 22-6	2.1	24
56	Manipulation of systemic oxygen flux by acute exercise and normobaric hypoxia: implications for reactive oxygen species generation. *Clinical Science*, **2006**, 110, 133-41	6.5	23
55	Exercise, Mood, Self-Efficacy, and Social Support as Predictors of Depressive Symptoms in Older Adults: Direct and Interaction Effects. *Frontiers in Psychology*, **2019**, 10, 2145	3.4	22
54	Exercising caution: prolonged recovery from a single session of high-intensity interval training in older men. *Journal of the American Geriatrics Society*, **2015**, 63, 817-8	5.6	20
53	Long-rod penetration into targets of finite thickness at normal impact. *International Journal of Impact Engineering*, **1995**, 16, 419-433	4	20
52	High-intensity interval training (HIIT) increases insulin-like growth factor-I (IGF-I) in sedentary aging men but not mastersSathletes: an observational study. *Aging Male*, **2017**, 20, 54-59	2.1	19

51	Age related vascular endothelial function following lifelong sedentariness: positive impact of cardiovascular conditioning without further improvement following low frequency high intensity interval training. *Physiological Reports*, **2015**, 3, e12234	2.6	19
50	Salivary Testosterone and Cortisol Measurement in Sports Medicine: a Narrative Review and Users Guide for Researchers and Practitioners. *International Journal of Sports Medicine*, **2016**, 37, 1007-1018	3.6	19
49	Long-Term Aerobic Exercise Improves Vascular Function Into Old Age: A Systematic Review, Meta-Analysis and Meta Regression of Observational and Interventional Studies. *Frontiers in Physiology*, **2019**, 10, 31	4.6	18
48	Critical difference applied to exercise-induced salivary testosterone and cortisol using enzyme-linked immunosorbent assay (ELISA): distinguishing biological from statistical change. *Journal of Physiology and Biochemistry*, **2014**, 70, 991-6	5	18
47	Raised concentrations of C reactive protein in anabolic steroid using bodybuilders. *British Journal of Sports Medicine*, **2004**, 38, 97-8	10.3	17
46	Joint Conference of BASEM and BASES. *British Journal of Sports Medicine*, **2003**, 37, 464-470	10.3	16
45	High Intensity Interval Training (HIIT) Improves Cardiorespiratory Fitness (CRF) in Healthy, Overweight and Obese Adolescents: A Systematic Review and Meta-Analysis of Controlled Studies. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	15
44	Anabolic androgenic steroid use in recreational gym users: a regional sample of the Mid-Glamorgan area. *Journal of Substance Use*, **2001**, 6, 189-195	0.8	15
43	Nonsteady penetration of longs rods into semi-infinite targets. *International Journal of Impact Engineering*, **1993**, 14, 303-314	4	15
42	Poor levels of agreement between serum and saliva testosterone measurement following exercise training in aging men. *Aging Male*, **2015**, 18, 67-70	2.1	13
41	An examination of exercise mode on ventilatory patterns during incremental exercise. *European Journal of Applied Physiology*, **2010**, 110, 557-62	3.4	11
40	Sprint interval training (SIT) is an effective method to maintain cardiorespiratory fitness (CRF) and glucose homeostasis in Scottish adolescents. *Biology of Sport*, **2015**, 32, 307-13	4.3	11
39	Utility of the hypertriglyceridemic waist phenotype in the cardiometabolic risk assessment of youth stratified by body mass index. *Pediatric Obesity*, **2016**, 11, 292-8	4.6	10
38	An analysis of policy levers used to implement mental health reform in Australia 1992-2012. *BMC Health Services Research*, **2015**, 15, 479	2.9	9
37	Low-Frequency High-Intensity Interval Training is an Effective Method to Improve Muscle Power in Lifelong Sedentary Aging Men: A Randomized Controlled Trial. *Journal of the American Geriatrics Society*, **2015**, 63, 2412-3	5.6	9
36	Salivary testosterone measurement does not identify biochemical hypogonadism in aging men: a ROC analysis. *Endocrine*, **2015**, 50, 256-9	4	8
35	Sprint Interval Training and the School Curriculum: Benefits Upon Cardiorespiratory Fitness, Physical Activity Profiles, and Cardiometabolic Risk Profiles of Healthy Adolescents. *Pediatric Exercise Science*, **2019**, 31, 296-305	2	8
34	An electromyographic study of the effect of hand grip sizes on forearm muscle activity and golf performance. *Research in Sports Medicine*, **2016**, 24, 222-33	3.8	7

33	An analysis of policy success and failure in formal evaluations of Australia's national mental health strategy (1992-2012). *BMC Health Services Research*, **2017**, 17, 374	2.9	7
32	Analysis of long rods impacting ceramic targets at high velocity. *International Journal of Impact Engineering*, **1997**, 20, 281-292	4	7
31	Aerobic Training Protects Cardiac Function During Advancing Age: A Meta-Analysis of Four Decades of Controlled Studies. *Sports Medicine*, **2019**, 49, 199-219	10.6	7
30	Ballistic limit velocity for long rods from ordinance velocity through hypervelocity impact. *International Journal of Impact Engineering*, **1999**, 23, 295-306	4	6
29	Aerobic, resistance, and mind-body exercise are equivalent to mitigate symptoms of depression in older adults: A systematic review and network meta-analysis of randomised controlled trials. *F1000Research*, **2020**, 9, 1325	3.6	6
28	Cardiac Response to Exercise in Normal Ageing: What Can We Learn from Masters Athletes?. *Current Cardiology Reviews*, **2018**, 14, 245-253	2.4	6
27	High intensity interval training (HIIT) produces small improvements in fasting glucose, insulin, and insulin resistance in sedentary older men but not masters athletes. *Experimental Gerontology*, **2020**, 140, 111074	4.5	6
26	Aerobic, resistance, and mind-body exercise are equivalent to mitigate symptoms of depression in older adults: A systematic review and network meta-analysis of randomised controlled trials. *F1000Research*, **2020**, 9, 1325	3.6	6
25	Strength adaptation to squat exercise is different between Caucasian and South Asian novice exercisers. *Research in Sports Medicine*, **2017**, 25, 373-383	3.8	5
24	The effect of short-term creatine loading on active range of movement. *Applied Physiology, Nutrition and Metabolism*, **2010**, 35, 507-11	3	5
23	Comparison of Thoracic and Lumbar Erector Spinae Muscle Activation Before and After a Golf Practice Session. *Journal of Applied Biomechanics*, **2017**, 33, 288-293	1.2	3
22	Prolonged androgenic anabolic steroid (AAS) induced QT interval shortening: a suitable screening tool?. *Drug Testing and Analysis*, **2016**, 8, 120-2	3.5	3
21	Blurred lines: Emerging practice for registered dietitian-nutritionists in integrative and functional nutrition. *Complementary Therapies in Clinical Practice*, **2017**, 28, 212-219	3.5	3
20	Evidence of direct cardiac damage following high-intensity exercise in chronic energy restriction: A case report and literature review. *Medicine (United States)*, **2017**, 96, e7030	1.8	3
19	Six weeks of high intensity interval training (HIIT) facilitates a four year preservation of aerobic capacity in sedentary older males: A reunion study. *Experimental Gerontology*, **2021**, 150, 111373	4.5	3
18	Electromyographic analyses of the erector spinae muscles during golf swings using four different clubs. *Journal of Sports Sciences*, **2018**, 36, 717-723	3.6	2
17	Commercial golf glove effects on golf performance and forearm muscle activity. *Research in Sports Medicine*, **2017**, 25, 451-461	3.8	2
16	Utility of three anthropometric indices in assessing the cardiometabolic risk profile in children. *American Journal of Human Biology*, **2017**, 29, e22934	2.7	2

15	Observation of Age-Related Decline in the Performance of the Transverse Abdominis Muscle. *PM and R*, **2016**, 8, 45-50	2.2	1
14	A commentary on "Testosterone and cortisol jointly modulate risk-taking" by P.H. Mehta, K.M. Welker, S. Zilioli, J.M. Carre, Psychoneuroendocrinology, 2015, 56, 88-99. *Psychoneuroendocrinology*, **2016**, 63, 380-1	5	1
13	Long-term athletic training does not alter age-associated reductions of left-ventricular mid-diastolic lengthening or expansion at rest. *European Journal of Applied Physiology*, **2020**, 120, 2059-2073	3.4	1
12	Health Philosophy of Dietitians and Its Implications for Life Satisfaction: An Exploratory Study. *Behavioral Sciences (Basel, Switzerland)*, **2017**, 7,	2.3	1
11	Cardiovascular risk and androgenic anabolic steroids. *British Journal of Cardiac Nursing*, **2012**, 7, 266-275	0.2	1
10	Caucasian and south Asian men show equivalent improvements in surrogate biomarkers of cardiovascular and metabolic health following 6-weeks of supervised resistance training. *F1000Research*, **2018**, 7, 1334	3.6	1
9	Interface defeat of impacting rods against ceramic targets **2001**, 421-428		1
8	Caucasian and south Asian men show equivalent improvements in surrogate biomarkers of cardiovascular and metabolic health following 6-weeks of supervised resistance training. *F1000Research*, **2018**, 7, 1334	3.6	1
7	The Need for a Neutral Speaking Period in Psychosocial Stress Testing. *Journal of Psychophysiology*, **2019**, 33, 267-275	1	0
6	Short-Term and Lifelong Exercise Training Lowers Inflammatory Mediators in Older Men. *Frontiers in Physiology*, **2021**, 12, 702248	4.6	0
5	Re: Emotions, immunity and sport: Winner and loser athletes' profile of fighting sport. *Brain, Behavior, and Immunity*, **2015**, 47, 238	16.6	
4	Validation of a 6-s Cycle Ergometry Sprint to Measure Peak Power in Recreationally Active Females. *Medicine and Science in Sports and Exercise*, **2017**, 49, 602	1.2	
3	Effects of long-term anabolic androgenic steroid administration on respiratory function. *Research in Sports Medicine*, **2011**, 19, 231-44	3.8	
2	Energy deposition during rod penetration in multiple-layered targets of steel and titanium **2001**, 353-360		
1	Anabolic Androgenic Steroids **2021**, 74-83		