Charles R Pedlar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3868412/publications.pdf

Version: 2024-02-01

98 papers	2,544 citations	201385 27 h-index	214527 47 g-index
103 all docs	103 docs citations	103 times ranked	3242 citing authors

#	Article	IF	Citations
1	The effect of customâ€fitted compression garments worn overnight for recovery from judo training in elite athletes. European Journal of Sport Science, 2022, 22, 521-529.	1.4	4
2	Cardiac effects of detraining in athletes: A narrative review. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101581.	1.1	13
3	Recent COVID-19 vaccination has minimal effects on the physiological responses to graded exercise in physically active healthy people. Journal of Applied Physiology, 2022, 132, 275-282.	1.2	16
4	Compression Garments for Recovery from Muscle Damage: Evidence and Implications of Dose Responses. Current Sports Medicine Reports, 2022, 21, 45-52.	0.5	0
5	Commentaries on Viewpoint: Consider iron status when making sex comparisons in human physiology. Journal of Applied Physiology, 2022, 132, 703-709.	1.2	1
6	Menstrual Cycle: The Importance of Both the Phases and the Transitions Between Phases on Training and Performance. Sports Medicine, 2022, 52, 1457-1460.	3.1	16
7	Collagen Gene Polymorphisms Previously Associated with Resistance to Soft-Tissue Injury Are More Common in Competitive Runners Than Nonathletes. Journal of Strength and Conditioning Research, 2022, Publish Ahead of Print, .	1.0	3
8	Prevalence and frequency of menstrual cycle symptoms are associated with availability to train and compete: a study of 6812 exercising women recruited using the Strava exercise app. British Journal of Sports Medicine, 2021, 55, 438-443.	3.1	51
9	The Association Between Alterations in Redox Homeostasis, Cortisol, and Commonly Used Objective and Subjective Markers of Fatigue in American Collegiate Football. International Journal of Sports Physiology and Performance, 2021, , 1-7.	1.1	3
10	A comparison of methods to generate adaptive reference ranges in longitudinal monitoring. PLoS ONE, 2021, 16, e0247338.	1.1	6
11	COVID-19â€“Considerations for the Female Athlete. Frontiers in Sports and Active Living, 2021, 3, 606799.	0.9	13
12	Hormonal Contraceptive Use in Football Codes in Australia. Frontiers in Sports and Active Living, 2021, 3, 634866.	0.9	16
13	The effects of normoxic endurance exercise on erythropoietin (EPO) production and the impact of selective Î²1 and non-selective Î²1â€‰+â€‰Î²2 adrenergic receptor blockade. European Journal of Applied Physiology, 2021, 121, 1499-1511.	1.2	1
14	Injury epidemiology in professional ballet: a five-season prospective study of 1596 medical attention injuries and 543 time-loss injuries. British Journal of Sports Medicine, 2021, 55, 843-850.	3.1	25
15	Dance Exposure, Individual Characteristics, and Injury Risk over Five Seasons in a Professional Ballet Company. Medicine and Science in Sports and Exercise, 2021, 53, 2290-2297.	0.2	11
16	Jumping in Ballet: A Systematic Review of Kinetic and Kinematic Parameters. Medical Problems of Performing Artists, 2021, 36, 108-128.	0.2	7
17	Medical encounters at community-based physical activity events (parkrun) in the UK. British Journal of Sports Medicine, 2021, 55, 1420-1426.	3.1	4
18	Genetic differences in fat taste sensitivity and dietary intake in a UK female cohort. Food Quality and Preference, 2021, 92, 104202.	2.3	5

#	Article	IF	Citations
19	Acute exercise increases immune responses to SARS CoV-2 in a previously infected man. Brain, Behavior, & Immunity - Health, 2021, 18, 100343.	1.3	13
20	Menstrual Cycle Symptoms In 6,812 Exercising Women And The Development Of A Novel Symptom Score. Medicine and Science in Sports and Exercise, 2020, 52, 433-433.	0.2	0
21	Variations in strength-related measures during the menstrual cycle in eumenorrheic women: A systematic review and meta-analysis. Journal of Science and Medicine in Sport, 2020, 23, 1220-1227.	0.6	43
22	Are There Benefits from the Use of Fish Oil Supplements in Athletes? A Systematic Review. Advances in Nutrition, 2020, 11, 1300-1314.	2.9	24
23	The Validity of the Session Rating of Perceived Exertion Method for Measuring Internal Training Load in Professional Classical Ballet Dancers. Frontiers in Physiology, 2020, 11, 480.	1.3	5
24	The Association of Parental Genetic, Lifestyle, and Social Determinants of Health with Offspring Overweight. Lifestyle Genomics, 2020, 13, 99-106.	0.6	4
25	Increased Oxidative Stress in Injured and Ill Elite International Olympic Rowers. International Journal of Sports Physiology and Performance, 2020, 15, 625-631.	1.1	7
26	Custom-Fitted Compression Garments Enhance Recovery From Muscle Damage in Rugby Players. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	1.0	11
27	Blood Biomarker Profiling and Monitoring for High-Performance Physiology and Nutrition: Current Perspectives, Limitations and Recommendations. Sports Medicine, 2019, 49, 185-198.	3.1	54
28	Quantification of aerobic determinants of performance in post-pubertal adolescent middle-distance runners. European Journal of Applied Physiology, 2019, 119, 1865-1874.	1.2	2
29	Evidence Of A Relationship Between Dietary Fat Intake And Inflammation Among Professional Soccer Players. Medicine and Science in Sports and Exercise, 2019, 51, 894-894.	0.2	0
30	Biomarkers in elite sport: Where innovations in technology and application combine. Experimental Physiology, 2019, 104, 275-277.	0.9	3
31	Variability in nitrate-reducing oral bacteria and nitric oxide metabolites in biological fluids following dietary nitrate administration: An assessment of the critical difference. Nitric Oxide - Biology and Chemistry, 2019, 83, 1-10.	1.2	42
32	Systemic Î²-Adrenergic Receptor Activation Augments the ex vivo Expansion and Anti-Tumor Activity of Vγ9Vδ2 T-Cells. Frontiers in Immunology, 2019, 10, 3082.	2.2	36
33	Understanding Iron Deficiency and Exercise: Looking Beyond Ferritin. Acta Haematologica, 2018, 139, 183-184.	0.7	2
34	Iron balance and iron supplementation for the female athlete: A practical approach. European Journal of Sport Science, 2018, 18, 295-305.	1.4	67
35	Effects of Strength Training on Postpubertal Adolescent Distance Runners. Medicine and Science in Sports and Exercise, 2018, 50, 1224-1232.	0.2	19
36	Alterations in Redox Homeostasis During Recovery From Unexplained Underperformance Syndrome in an Elite International Rower. International Journal of Sports Physiology and Performance, 2018, 13, 107-111.	1.1	12

#	Article	IF	Citations
37	No association between ACTN3 R577X and ACE I/D polymorphisms and endurance running times in 698 Caucasian athletes. BMC Genomics, 2018, 19, 13.	1.2	65
38	Cardiovascular response to prescribed detraining among recreational athletes. Journal of Applied Physiology, 2018, 124, 813-820.	1.2	24
39	Lymphocytes and monocytes egress peripheral blood within minutes after cessation of steady state exercise: A detailed temporal analysis of leukocyte extravasation. Physiology and Behavior, 2018, 194, 260-267.	1.0	53
40	The Effects of Compression-Garment Pressure on Recovery After Strenuous Exercise. International Journal of Sports Physiology and Performance, 2017, 12, 1078-1084.	1.1	40
41	THE IMPACT OF HEAVY MENSTRUAL BLEEDING (MENORRHAGIA) AND IRON STATUS IN EXERCISING FEMALES. British Journal of Sports Medicine, 2017, 51, 304.1-304.	3.1	2
42	Compression Garments and Recovery from Exercise: A Meta-Analysis. Sports Medicine, 2017, 47, 2245-2267.	3.1	70
43	A comparison of methods to estimate anaerobic capacity: Accumulated oxygen deficit andWâ€™ during constant and all-out work-rate profiles. Journal of Sports Sciences, 2017, 35, 2357-2364.	1.0	9
44	Sport, exercise and the menstrual cycle: where is the research?. British Journal of Sports Medicine, 2017, 51, 487-488.	3.1	88
45	Haematological Responses to Detraining Following the Boston Marathon. Medicine and Science in Sports and Exercise, 2017, 49, 331-332.	0.2	2
46	Accumulated Oxygen Deficit During Exercise to Exhaustion Determined at Different Supramaximal Work Rates. International Journal of Sports Physiology and Performance, 2017, 12, 351-356.	1.1	7
47	Conventional and novel body temperature measurement during rest and exercise induced hyperthermia. Journal of Thermal Biology, 2017, 63, 124-130.	1.1	17
48	Sclerostin And Biomarkers Of Bone Health, Energy And Vitamin D Status In Elite Male Athletes. Medicine and Science in Sports and Exercise, 2017, 49, 486-487.	0.2	0
49	The Effect Of Blackcurrant Polyphenols On Recovery And Performance In Elite Endurance Athletes In Preparation For The World Championships. Medicine and Science in Sports and Exercise, 2017, 49, 932.	0.2	0
50	Validation of whole-blood transcriptome signature during microdose recombinant human erythropoietin (rHuEpo) administration. BMC Genomics, 2017, 18, 817.	1.2	38
51	The effect of the oxygen uptake-power output relationship on the prediction of supramaximal oxygen demands. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1-7.	0.4	6
52	The Prevalence and Impact of Heavy Menstrual Bleeding Among Exercising Women.. Medicine and Science in Sports and Exercise, 2017, 49, 706-707.	0.2	0
53	The Prevalence and Impact of Heavy Menstrual Bleeding (Menorrhagia) in Elite and Non-Elite Athletes. PLoS ONE, 2016, 11, e0149881.	1.1	106
54	Critical Difference and Biological Variation in Biomarkers of Oxidative Stress and Nutritional Status in Athletes. PLoS ONE, 2016, 11, e0149927.	1.1	23

#	Article	IF	Citations
55	Salt-sensitive hypertension: mechanisms and effects of dietary and other lifestyle factors. Nutrition Reviews, 2016, 74, 645-658.	2.6	60
56	P-41â€... ACTN3 R577x genotype is not associated with elite european caucasian marathon performance. British Journal of Sports Medicine, 2016, 50, A53.2-A54.	3.1	1
57	Effects of exercise on alterations in redox homeostasis in elite male and female endurance athletes using a clinical point-of-care test. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1026-1032.	0.9	10
58	The prevalence and impact of heavy menstrual bleeding among athletes and mass start runners of the 2015 London Marathon. British Journal of Sports Medicine, 2016, 50, 566-566.	3.1	9
59	Modelling Red Cell Population Dynamics and Iron Status in Elite Endurance Athletes. Medicine and Science in Sports and Exercise, 2016, 48, 366.	0.2	0
60	Can clinicians and scientists explain and prevent unexplained underperformance syndrome in elite athletes: an interdisciplinary perspective and 2016 update. BMJ Open Sport and Exercise Medicine, 2015, 1, e000063.	1.4	23
61	Effect of Intravenous Iron on Aerobic Capacity and Iron Metabolism in Elite Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 1399-1407.	0.2	52
62	A Comparison Of High And Low Grade Compression Garments On Recovery From Damaging Exercise. Medicine and Science in Sports and Exercise, 2015, 47, 780.	0.2	0
63	A Case Study Of 5 Elite Runners. Medicine and Science in Sports and Exercise, 2015, 47, 803-804.	0.2	0
64	The effectiveness of motivational interviewing for health behaviour change in primary care settings: a systematic review. Health Psychology Review, 2015, 9, 205-223.	4.4	106
65	A Comparison Between the Accumulated Oxygen Deficit and Anaerobic Work Capacity during Constant-load and All-out Tests. Medicine and Science in Sports and Exercise, 2015, 47, 228.	0.2	0
66	The variation in pressures exerted by commercially available compression garments. Sports Engineering, 2015, 18, 115-121.	0.5	30
67	Is iron treatment beneficial in, iron-deficient but non-anaemic (IDNA) endurance athletes? A systematic review and meta-analysis. British Journal of Sports Medicine, 2015, 49, 1389-1397.	3.1	81
68	Alterations in Redox Homeostasis in the Elite Endurance Athlete. Sports Medicine, 2015, 45, 379-409.	3.1	43
69	App for the calculation of blood lactate markers. Journal of Sports Sciences, 2015, 33, 568-569.	1.0	1
70	Eight Weeks of Intermittent Hypoxic Training Improves Submaximal Physiological Variables in Highly Trained Runners. Journal of Strength and Conditioning Research, 2014, 28, 2195-2203.	1.0	8
71	A Single Dose of Beetroot Juice Enhances Cycling Performance in Simulated Altitude. Medicine and Science in Sports and Exercise, 2014, 46, 143-150.	0.2	118
72	Influence of Compression Garments on Recovery After Marathon Running. Journal of Strength and Conditioning Research, 2014, 28, 2228-2235.	1.0	51

#	Article	IF	Citations
73	Compression garments and recovery from exercise-induced muscle damage: a meta-analysis. British Journal of Sports Medicine, 2014, 48, 1340-1346.	3.1	146
74	Erratum for the article by Pedlar et al in IJSPP 8(6). International Journal of Sports Physiology and Performance, 2014, 9, 181-188.	1.1	0
75	Influence of intermittent hypoxic training on muscle energetics and exercise tolerance. Journal of Applied Physiology, 2013, 114, 611-619.	1.2	29
76	A Case Study of an Iron-Deficient Female Olympic 1500-m Runner. International Journal of Sports Physiology and Performance, 2013, 8, 695-698.	1.1	14
77	The Effects of a Single Dose of Concentrated Beetroot Juice on Performance in Trained Flatwater Kayakers. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 498-506.	1.0	80
78	Challenges in Maintaining Emotion Regulation in a Sleep and Energy Deprived State Induced by the 4800Km Ultra-Endurance Bicycle Race; The Race Across AMerica (RAAM). Journal of Sports Science and Medicine, 2013, 12, 481-8.	0.7	27
79	Caffeine and Sprinting Performance. Journal of Strength and Conditioning Research, 2012, 26, 1001-1005.	1.0	21
80	Sleep duration and quality in elite athletes measured using wristwatch actigraphy. Journal of Sports Sciences, 2012, 30, 541-545.	1.0	279
81	Caffeine And Sprinting Performance: Dose Responses And Efficacy. Medicine and Science in Sports and Exercise, 2011, 43, 639.	0.2	0
82	Physiological Responses To Simulated Anti-gravity During Treadmill Running. Medicine and Science in Sports and Exercise, 2011, 43, 779-780.	0.2	0
83	Bone-Mineral Density and Other Features of the Female Athlete Triad in Elite Endurance Runners: A Longitudinal and Cross-Sectional Observational Study. International Journal of Sport Nutrition and Exercise Metabolism, 2010, 20, 418-426.	1.0	59
84	Bone Mineral Density And Aspects Of The Female Athlete Triad In Elite Endurance Runners. Medicine and Science in Sports and Exercise, 2010, 42, 318-319.	0.2	1
85	Energy Expenditure in the Race Across America (RAAM). International Journal of Sports Medicine, 2010, 31, 463-467.	0.8	29
86	The Effect Of Jet Lag On Parameters Of Sleep In Elite Divers Quantified By Actigraphy.. Medicine and Science in Sports and Exercise, 2009, 41, 57-58.	0.2	5
87	Effect Of Tendon Stiffness And Leg Stiffness On Running Economy In Well-trained Middle Distance Runners. Medicine and Science in Sports and Exercise, 2009, 41, 290-291.	0.2	0
88	The Race Across America: A Cycle Race Or A Sleep Deprivation Challenge?. Medicine and Science in Sports and Exercise, 2009, 41, 58.	0.2	1
89	The Effect Of Sleeping In A Normobaric Hypoxic Tent For One Week Upon Sleep Quality. Medicine and Science in Sports and Exercise, 2009, 41, 241.	0.2	0
90	Preâ€acclimation to exercise in normobaric hypoxia. European Journal of Sport Science, 2008, 8, 15-21.	1.4	1

#	Article	IF	Citations
91	Determinants of 800-m and 1500-m Running Performance Using Allometric Models. Medicine and Science in Sports and Exercise, 2008, 40, 345-350.	0.2	81
92	Sleep Profiles and Mood States During an Expedition to the South Pole. Wilderness and Environmental Medicine, 2007, 18, 127-132.	0.4	25
93	Identifying the Optimal Determinants of Elite 800m and 1500m Running Performance. Medicine and Science in Sports and Exercise, 2007, 39, S206.	0.2	0
94	The Acute Exhaled Nitric Oxide Response and 5km Performance in Normobaric Hypoxia in Highly Trained Athletes. Medicine and Science in Sports and Exercise, 2006, 38, S527.	0.2	0
95	The detraining and retraining of an elite rower: a case study. Journal of Science and Medicine in Sport, 2005, 8, 314-320.	0.6	26
96	Simulating Moderate Altitude Using Normobaric Hypoxia with Commercially Available Hypoxic Gas Generators. High Altitude Medicine and Biology, 2005, 6, 346-347.	0.5	5
97	Identifying Individual Responses To Moderate Altitude Amongst Elite GB Speedskaters. Medicine and Science in Sports and Exercise, 2005, 37, S469.	0.2	4
98	Acute sleep responses in a normobaric hypoxic tent. Medicine and Science in Sports and Exercise, 2005, 37, 1075-9.	0.2	24