

Ran Yanovich

List of Publications by Citations

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Version: 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

1,146
citations

21
h-index

31
g-index

81
ext. papers

1,495
ext. citations

3.2
avg, IF

4.71
L-index

#	Paper	IF	Citations
64	Heatstroke. <i>New England Journal of Medicine</i> , 2019 , 380, 2449-2459	59.2	116
63	Effect of a personal ambient ventilation system on physiological strain during heat stress wearing a ballistic vest. <i>European Journal of Applied Physiology</i> , 2008 , 104, 311-9	3.4	70
62	Physiological employment standards IV: integration of women in combat units physiological and medical considerations. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2673-90	3.4	60
61	Effects of a 4-month recruit training program on markers of bone metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S660-70	1.2	52
60	Sex differences in parameters of bone strength in new recruits: beyond bone density. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S645-53	1.2	40
59	Overuse injuries in female infantry recruits during low-intensity basic training. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S630-5	1.2	38
58	Heat tolerance in women--reconsidering the criteria. <i>Aviation, Space, and Environmental Medicine</i> , 2012 , 83, 58-60		37
57	The role of adaptive bone formation in the etiology of stress fracture. <i>Experimental Biology and Medicine</i> , 2017 , 242, 897-906	3.7	34
56	Variation in tibial functionality and fracture susceptibility among healthy, young adults arises from the acquisition of biologically distinct sets of traits. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 1290-300	6.3	34
55	Dietary intake and stress fractures among elite male combat recruits. <i>Journal of the International Society of Sports Nutrition</i> , 2012 , 9, 6	4.5	33
54	Prediction model for stress fracture in young female recruits during basic training. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S636-44	1.2	31
53	Differences in physical fitness of male and female recruits in gender-integrated army basic training. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S654-9	1.2	28
52	The association between hematological and inflammatory factors and stress fractures among female military recruits. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S691-7	1.2	26
51	Measuring core body temperature with a non-invasive sensor. <i>Journal of Thermal Biology</i> , 2017 , 66, 17-20.	2.9	23
50	Functional polymorphisms in the P2X7 receptor gene are associated with stress fracture injury. <i>Purinergic Signalling</i> , 2016 , 12, 103-13	3.8	23
49	Refining the distinction between heat tolerant and intolerant individuals during a Heat tolerance test. <i>Journal of Thermal Biology</i> , 2013 , 38, 539-542	2.9	23
48	Physiological and Medical Aspects That Put Women Soldiers at Increased Risk for Overuse Injuries. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S107-10	3.2	22

47	Heat acclimation and performance in hypoxic conditions. <i>Aviation, Space, and Environmental Medicine</i> , 2012 , 83, 649-53		22
46	Sex Differences in Human Thermoregulation: Relevance for 2020 and Beyond. <i>Physiology</i> , 2020 , 35, 177-184	3.4	22
45	The validity of the heat tolerance test in prediction of recurrent exertional heat illness events. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 549-552	4.4	21
44	IGF-I, IGF-BPs, and inflammatory cytokine responses during gender-integrated Israeli Army basic combat training. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26 Suppl 2, S73-81	3.2	20
43	Physical and psychological stressors linked with stress fractures in recruit training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013 , 23, 443-50	4.6	19
42	Anemia, iron deficiency, and stress fractures in female combatants during 16 months. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 3412-21	3.2	19
41	Hand immersion in cold water alleviating physiological strain and increasing tolerance to uncompensable heat stress. <i>European Journal of Applied Physiology</i> , 2008 , 104, 303-9	3.4	18
40	Evaluation of the performance of females as light infantry soldiers. <i>BioMed Research International</i> , 2014 , 2014, 572953	3	17
39	Female recruits sustaining stress fractures during military basic training demonstrate differential concentrations of circulating IGF-I system components: a preliminary study. <i>Growth Hormone and IGF Research</i> , 2012 , 22, 151-7	2	15
38	Nutrition consumption of female combat recruits in army basic training. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S677-84	1.2	15
37	Probability of Heat Intolerance: Standardized Interpretation of Heat-Tolerance Testing Results Versus Specialist Judgment. <i>Journal of Athletic Training</i> , 2018 , 53, 423-430	4	14
36	The correlation between postural control and upper limb position sense in people with chronic ankle instability. <i>Journal of Foot and Ankle Research</i> , 2015 , 8, 23	3.2	14
35	Individualized estimation of human core body temperature using noninvasive measurements. <i>Journal of Applied Physiology</i> , 2018 , 124, 1387-1402	3.7	13
34	Iron deficiency and the role of nutrition among female military recruits. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S685-90	1.2	12
33	Bone turnover markers do not predict stress fracture in elite combat recruits. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 1365-72	2.2	11
32	Androgen receptor CAG repeat size is associated with stress fracture risk: a pilot study. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 2925-31	2.2	11
31	Candidate gene analysis in Israeli soldiers with stress fractures. <i>Journal of Sports Science and Medicine</i> , 2012 , 11, 147-55	2.7	11
30	Misdiagnosis of exertional heat stroke and improper medical treatment. <i>Military Medicine</i> , 2011 , 176, 1278-80	1.3	10

29	The effect of air permeability characteristics of protective garments on the induced physiological strain under exercise-heat stress. <i>Annals of Occupational Hygiene</i> , 2013 , 57, 866-74		9
28	Motivation, cohesion, satisfaction, and their relation to stress fracture among female military recruits. <i>European Journal of Applied Physiology</i> , 2008 , 104, 329-35	3.4	8
27	Novel candidate genes putatively involved in stress fracture predisposition detected by whole-exome sequencing. <i>Genetical Research</i> , 2014 , 96, e004	1.1	7
26	Rhabdomyolysis After Crawling Military Training. <i>Military Medicine</i> , 2017 , 182, e1948-e1952	1.3	6
25	2017 ,		6
24	Psychological aspects of the integration of women into combat roles. <i>Personality and Individual Differences</i> , 2011 , 50, 305-309	3.3	6
23	Past Methylphenidate Exposure and Stress Fractures in Combat Soldiers: A Case-Control Study. <i>American Journal of Sports Medicine</i> , 2018 , 46, 728-733	6.8	6
22	Heat Tolerance Test or Race Simulation Test for Return to Activity after Heat Stroke. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1428	1.2	5
21	Musculoskeletal Injuries Among Female Soldiers Working With Dogs. <i>Military Medicine</i> , 2018 , 183, e343-e348	3.4	4
20	Return to duty/play after exertional heat injury: do we have all the answers? A lesson from two case studies. <i>Disaster and Military Medicine</i> , 2015 , 1, 18		4
19	Musculoskeletal injuries in military personnel-Descriptive epidemiology, risk factor identification, and prevention. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 963-969	4.4	4
18	Effect of cardiovascular and muscular endurance is not associated with stress fracture incidence in female military recruits: a 12-month follow up study. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2017 , 28, 219-224	1.6	3
17	Physiological Differences Between Heat Tolerant and Heat Intolerant Young Healthy Women. <i>Research Quarterly for Exercise and Sport</i> , 2019 , 90, 307-317	1.9	3
16	The relation between central variables, electromyography signals and peripheral microcirculation during intensive treadmill exercise. <i>Clinical Biomechanics</i> , 2019 , 67, 52-60	2.2	3
15	Physiological and cognitive military related performances after 10-kilometer march. <i>Disaster and Military Medicine</i> , 2015 , 1, 6		3
14	Effects of basic combat training on iron status in male and female soldiers: a comparative study. <i>US Army Medical Department Journal</i> , 2015 , 67-73		3
13	Wheeled assistive device for load carriage - the effects on human gait and biomechanics. <i>Ergonomics</i> , 2017 , 60, 1415-1424	2.9	2
12	Astaxanthin Improves Aerobic Exercise Recovery Without Affecting Heat Tolerance in Humans. <i>Frontiers in Sports and Active Living</i> , 2019 , 1, 17	2.3	2

11	When Should a Heat-Tolerance Test Be Scheduled After Clinical Recovery From an Exertional Heat Illness?. <i>Journal of Athletic Training</i> , 2020 , 55, 289-294	4	2
10	Measuring body core temperature using a novel non-invasive sensor. <i>Extreme Physiology and Medicine</i> , 2015 , 4,		1
9	The Biomechanical Basis for Increased Risk of Overuse Musculoskeletal Injuries in Female Soldiers. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2015 , 187-206	0.5	1
8	The load carriage index (LCI) - adjusting the load carried by the soldier according to body composition measurements. <i>Extreme Physiology and Medicine</i> , 2015 , 4, A10		1
7	Physiological Evaluation of a Wheeled Assistive Device for Load Carriage. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S139-43	3.2	1
6	The Cardiovascular Reserve Index-A Noninvasive Clinical Insight Into Heat Intolerance. <i>Clinical Journal of Sport Medicine</i> , 2021 , 31, 232-236	3.2	1
5	Cognitive and physical performance are well preserved following standard blood donation: A noninferiority, randomized clinical trial. <i>Transfusion</i> , 2020 , 60 Suppl 3, S77-S86	2.9	0
4	Assessing rectal temperature with a novel non-invasive sensor. <i>Journal of Thermal Biology</i> , 2021 , 95, 102788	2.9	0
3	Comments to "Rhabdomyolysis in the US Active Duty Army, 2004-2006". <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2042; author reply 2043	1.2	
2	Iron Deficiency and the Role of Nutrition among Female Military Recruits.. <i>Blood</i> , 2007 , 110, 3753-3753	2.2	
1	The Association between Hematological and Inflammatory Factors and Stress Fractures among Female Military Recruits.. <i>Blood</i> , 2007 , 110, 5160-5160	2.2	