

# Ran Yanovich

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

1,696  
citations

318942

23  
h-index

340414

39  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing rectal temperature with a novel non-invasive sensor. <i>Journal of Thermal Biology</i> , 2021, 95, 102788.	1.1	10
2	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.	0.6	27
3	Cognitive and physical performance are well preserved following standard blood donation: A noninferiority, randomized clinical trial. <i>Transfusion</i> , 2020, 60, S77-S86.	0.8	2
4	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.	0.9	7
5	Sex Differences in Human Thermoregulation: Relevance for 2020 and Beyond. <i>Physiology</i> , 2020, 35, 177-184.	1.6	61
6	Astaxanthin Improves Aerobic Exercise Recovery Without Affecting Heat Tolerance in Humans. <i>Frontiers in Sports and Active Living</i> , 2019, 1, 17.	0.9	7
7	Heatstroke. <i>New England Journal of Medicine</i> , 2019, 380, 2449-2459.	13.9	302
8	Physiological Differences Between Heat Tolerant and Heat Intolerant Young Healthy Women. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 307-317.	0.8	7
9	The relation between central variables, electromyography signals and peripheral microcirculation during intensive treadmill exercise. <i>Clinical Biomechanics</i> , 2019, 67, 52-60.	0.5	4
10	Developing and Validating Virtual Reality Tool for the Evaluation of Cognitive and Physical Performance During Simulated lengthy field March. , 2019, , .		0
11	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.	0.6	24
12	Past Methylphenidate Exposure and Stress Fractures in Combat Soldiers: A Case-Control Study. <i>American Journal of Sports Medicine</i> , 2018, 46, 728-733.	1.9	13
13	The Cardiovascular Reserve Index—A Noninvasive Clinical Insight Into Heat Intolerance. <i>Clinical Journal of Sport Medicine</i> , 2018, Publish Ahead of Print, 232-236.	0.9	2
14	Probability of Heat Intolerance: Standardized Interpretation of Heat-Tolerance Testing Results Versus Specialist Judgment. <i>Journal of Athletic Training</i> , 2018, 53, 423-430.	0.9	22
15	Individualized estimation of human core body temperature using noninvasive measurements. <i>Journal of Applied Physiology</i> , 2018, 124, 1387-1402.	1.2	25
16	Musculoskeletal Injuries Among Female Soldiers Working With Dogs. <i>Military Medicine</i> , 2018, 183, e343-e348.	0.4	5
17	Wheeled assistive device for load carriage — the effects on human gait and biomechanics. <i>Ergonomics</i> , 2017, 60, 1415-1424.	1.1	3
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.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Measuring core body temperature with a non-invasive sensor. <i>Journal of Thermal Biology</i> , 2017, 66, 17-20.	1.1	42
20	Intervention program to lower overuse injuries among women warfighters. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S86.	0.6	0
21	The role of adaptive bone formation in the etiology of stress fracture. <i>Experimental Biology and Medicine</i> , 2017, 242, 897-906.	1.1	56
22	Immersive trail making: Construct validity of an ecological neuropsychological test. , 2017, , .		10
23	Evaluation of physical screening tests for military recruits â€œ A prospective cohort study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S21.	0.6	0
24	Upper limb musculoskeletal overuse injuries among female soldiers working with dogs. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S21-S22.	0.6	0
25	Use of a Heat Tolerance Test (HTT) within the Israel Defense Force (IDF). <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S57-S58.	0.6	1
26	Evaluating the effects of Asthaxanthin as a preconditioning strategy to heat stress in humans â€œ A preliminary study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S73.	0.6	1
27	Nutritional habits among Israeli Defense Forces soldiers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S143.	0.6	0
28	Past methylphenidate exposure and stress fractures in combat soldiers: A caseâ€œcontrol study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S162.	0.6	0
29	Rhabdomyolysis After Crawling Military Training. <i>Military Medicine</i> , 2017, 182, e1948-e1952.	0.4	10
30	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.	0.2	5
31	Functional polymorphisms in the P2X7 receptor gene are associated with stress fracture injury. <i>Purinergic Signalling</i> , 2016, 12, 103-113.	1.1	31
32	Measuring body core temperature using a novel non-invasive sensor. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	1
33	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.	0.7	3
34	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.	2.5	1
35	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.	1.0	4
36	Physiological and cognitive military related performances after 10-kilometer march. <i>Disaster and Military Medicine</i> , 2015, 1, 6.	1.0	4

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37	Physiological Evaluation of a Wheeled Assistive Device for Load Carriage. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S139-S143.	1.0	2
38	Physiological and Medical Aspects That Put Women Soldiers at Increased Risk for Overuse Injuries. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S107-S110.	1.0	27
39	The cardiovascular reserve index (CVRI) - a surrogate index in predicting heat tolerance. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	1
40	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.	0.7	20
41	Effects of basic combat training on iron status in male and female soldiers: a comparative study. <i>U S Army Medical Department Journal</i> , 2015, , 67-73.	0.2	3
42	Evaluation of the Performance of Females as Light Infantry Soldiers. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	26
43	Novel candidate genes putatively involved in stress fracture predisposition detected by whole-exome sequencing. <i>Genetical Research</i> , 2014, 96, e004.	0.3	14
44	Physical and psychological stressors linked with stress fractures in recruit training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 443-450.	1.3	25
45	Bone Turnover Markers Do Not Predict Stress Fracture in Elite Combat Recruits. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1365-1372.	0.7	17
46	Physiological employment standards IV: integration of women in combat units physiological and medical considerations. <i>European Journal of Applied Physiology</i> , 2013, 113, 2673-2690.	1.2	78
47	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.	1.9	12
48	Refining the distinction between heat tolerant and intolerant individuals during a Heat tolerance test. <i>Journal of Thermal Biology</i> , 2013, 38, 539-542.	1.1	28
49	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, 1290-1300.	3.1	48
50	Heat Acclimation and Performance in Hypoxic Conditions. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 649-653.	0.6	30
51	Heat Tolerance in Women—Reconsidering the Criteria. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 58-60.	0.6	49
52	Comments to “Rhabdomyolysis in the US Active Duty Army, 2004–2006”. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2042.	0.2	0
53	IGF-I, IGFBPs, and Inflammatory Cytokine Responses During Gender-Integrated Israeli Army Basic Combat Training. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, S73-S81.	1.0	23
54	Dietary intake and stress fractures among elite male combat recruits. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 6.	1.7	47

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55	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, 151-157.	0.5	20
56	Candidate gene analysis in Israeli soldiers with stress fractures. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 147-55.	0.7	14
57	Misdiagnosis of Exertional Heat Stroke and Improper Medical Treatment. <i>Military Medicine</i> , 2011, 176, 1278-1280.	0.4	11
58	Anemia, Iron Deficiency, and Stress Fractures in Female Combatants During 16 Months. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 3412-3421.	1.0	31
59	Prediction Model for Attrition from a Combat Unit Training Program. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 366.	0.2	0
60	Psychological aspects of the integration of women into combat roles. <i>Personality and Individual Differences</i> , 2011, 50, 305-309.	1.6	8
61	Androgen Receptor CAG Repeat Size is Associated with Stress Fracture Risk: A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 2925-2931.	0.7	12
62	Evaluation of Hydration Status in Combat Soldiers during Marches. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 102-103.	0.2	0
63	A Simple Prediction Model For Stress Fracture In New Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 526.	0.2	0
64	Hand immersion in cold water alleviating physiological strain and increasing tolerance to uncompensable heat stress. <i>European Journal of Applied Physiology</i> , 2008, 104, 303-309.	1.2	23
65	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, 311-319.	1.2	89
66	Motivation, cohesion, satisfaction, and their relation to stress fracture among female military recruits. <i>European Journal of Applied Physiology</i> , 2008, 104, 329-335.	1.2	8
67	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-S659.	0.2	44
68	Iron Deficiency and the Role of Nutrition among Female Military Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S685-S690.	0.2	17
69	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-S670.	0.2	73
70	Prediction Model for Stress Fracture in Young Female Recruits during Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S636-S644.	0.2	40
71	Sex Differences in Parameters of Bone Strength in New Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S645-S653.	0.2	48
72	Overuse Injuries in Female Infantry Recruits during Low-Intensity Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S630-S635.	0.2	50

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73	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-S697.	0.2	33
74	Nutrition Consumption of Female Combat Recruits in Army Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S677-S684.	0.2	21
75	Parameters of Bone Strength in New Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S65.	0.2	0
76	Effects of a 16-Week Recruit Training Program on Bone Turnover Markers and Bone Mineral Density. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S440.	0.2	0
77	Iron Deficiency and the Role of Nutrition among Female Military Recruits.. <i>Blood</i> , 2007, 110, 3753-3753.	0.6	2
78	The Association between Hematological and Inflammatory Factors and Stress Fractures among Female Military Recruits.. <i>Blood</i> , 2007, 110, 5160-5160.	0.6	0
79	Regional Bone Mineral Density of the Tibia in Female Soldiers Following 16-Weeks of Recruit Training. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S531.	0.2	0