

# Joseph J Knapik

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

6,134  
citations

93792

39  
h-index

81351

76  
g-index

122  
all docs

122  
docs citations

122  
times ranked

4296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adverse Effects Associated with Multiple Classes of Dietary Supplements: The Military Dietary Supplement Use Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, , .	0.4	4
2	Adverse effects associated with use of specific dietary supplements: The US Military Dietary Supplement Use Study. <i>Food and Chemical Toxicology</i> , 2022, 161, 112840.	1.8	8
3	Prevalence of caffeine consumers, daily caffeine consumption, and factors associated with caffeine use among active duty United States military personnel. <i>Nutrition Journal</i> , 2022, 21, 22.	1.5	12
4	Dietary Supplement and Prescription Medication Use Among US Military Service Members With Clinically Diagnosed Medical Conditions: The US Military Dietary Supplement Use Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 1841-1850.	0.4	3
5	Prevalence of and Factors Associated with Dietary Supplement Use in a Stratified, Random Sample of US Military Personnel: The US Military Dietary Supplement Use Study. <i>Journal of Nutrition</i> , 2021, 151, 3495-3506.	1.3	17
6	Clinically diagnosed iron and iodine deficiencies and disorders in the entire population of US military service members from 1997 to 2015. <i>Public Health Nutrition</i> , 2021, 24, 3187-3195.	1.1	5
7	Clinically-diagnosed vitamin deficiencies and disorders in the entire United States military population, 1997â€“2015. <i>Nutrition Journal</i> , 2021, 20, 55.	1.5	7
8	Prevalence, factors associated with use, and adverse effects of sport-related nutritional supplements (sport drinks, sport bars, sport gels): the US military dietary supplement use study. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 59.	1.7	2
9	Risk factors for development of lower limb osteoarthritis in physically demanding occupations: A narrative umbrella review. <i>Journal of Occupational Health</i> , 2020, 62, e12103.	1.0	28
10	Functional Movement Screen (FMSâ„†) Scores and Demographics of US Army Pre-Ranger Candidates. <i>Military Medicine</i> , 2020, 185, e788-e794.	0.4	10
11	Risk factors for development of lower limb osteoarthritis in physically demanding occupations: A systematic review and meta-analysis. <i>Applied Ergonomics</i> , 2020, 86, 103097.	1.7	20
12	Clinically-diagnosed Vitamin And Mineral Deficiencies And Disorders In The United States Military. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 759-760.	0.2	0
13	Physical performance, demographic, psychological, and physiological predictors of success in the U.S. Army Special Forces Assessment and Selection course. <i>Physiology and Behavior</i> , 2019, 210, 112647.	1.0	41
14	Effectiveness of Mouthguards for the Prevention of Orofacial Injuries and Concussions in Sports: Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2019, 49, 1217-1232.	3.1	43
15	Medical Encounters During the United States Army Special Forces Assessment and Selection Course. <i>Military Medicine</i> , 2019, 184, e337-e343.	0.4	5
16	Secular Trends in the Physical Fitness of United States Army Infantry Units and Infantry Soldiers, 1976â€“2015. <i>Military Medicine</i> , 2018, 183, e414-e426.	0.4	14
17	Dietary Supplement Use in a Large, Representative Sample of the US Armed Forces. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2018, 118, 1370-1388.	0.4	23
18	Association between stress fracture incidence and predicted body fat in United States Army Basic Combat Training recruits. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 161.	0.8	25

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19	Osteoarthritis: Pathophysiology, Prevalence, Risk Factors, and Exercise for Reducing Pain and Disability. <i>Journal of Special Operations Medicine: A Peer Reviewed Journal for SOF Medical Professionals</i> , 2018, 18, 94-102.	0.1	2
20	Caffeine consumption among active duty United States Air Force personnel. <i>Food and Chemical Toxicology</i> , 2017, 105, 377-386.	1.8	17
21	Trends and factors associated with insomnia and sleep apnea in all United States military service members from 2005 to 2014. <i>Journal of Sleep Research</i> , 2017, 26, 665-670.	1.7	47
22	Demographic factors associated with dietary supplement prescriptions filled by United States Military Service Members 2005-2013. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 84.	3.7	5
23	A job task analysis to quantify the physical demands of load carriage duties conducted by ground close combat roles in the UK Armed Forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S64-S65.	0.6	2
24	A job task analysis of digging duties conducted by the ground close combat roles in the UK Armed Forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S66.	0.6	0
25	Secular trends in insomnia and associations with deployment and combat exposure in the entire population of US Army Soldiers, 1997-2011. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S109.	0.6	0
26	A job task analysis of a parachuting training exercise conducted by the British Army parachute regiment. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S169.	0.6	0
27	Medical Encounters During a Joint Canadian/U.S. Exercise in the High Arctic (Exercise Arctic Ram). <i>Military Medicine</i> , 2017, 182, e1764-e1768.	0.4	11
28	Identification and Verification of Critical Physically Demanding Tasks Undertaken by Royal Marines. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 94.	0.2	0
29	Caffeine Use among Active Duty Navy and Marine Corps Personnel. <i>Nutrients</i> , 2016, 8, 620.	1.7	19
30	Risk Factors for Injuries During Military Static-Line Airborne Operations: A Systematic Review and Meta-Analysis. <i>Journal of Athletic Training</i> , 2016, 51, 962-980.	0.9	23
31	Prevalence, Adverse Events, and Factors Associated with Dietary Supplement and Nutritional Supplement Use by US Navy and Marine Corps Personnel. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016, 116, 1423-1442.	0.4	68
32	Temporal trends in dietary supplement prescriptions of United States military service members suggest a decrease in pyridoxine and increase in vitamin D supplements from 2005 to 2013. <i>Nutrition Research</i> , 2016, 36, 1140-1152.	1.3	7
33	Associations Between Functional Movement Screening, the Y Balance Test, and Injuries in Coast Guard Training. <i>Military Medicine</i> , 2016, 181, 643-648.	0.4	26
34	Prevalence of Dietary Supplement Use by Athletes: Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016, 46, 103-123.	3.1	286
35	Y Balance Test and Functional Movement Screening as Predictors of Injuries in a Maritime Security Response TEAM. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 648.	0.2	0
36	Physical Training in Boots and Running Shoes: A Historical Comparison of Injury Incidence in Basic Combat Training. <i>Military Medicine</i> , 2015, 180, 321-328.	0.4	15

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37	Incidence of Admission to the Physical Training and Rehabilitation Programs in Initial Entry Training During Fiscal Year 2011. <i>Military Medicine</i> , 2014, 179, 547-552.	0.4	5
38	o-Chlorobenzylidene Malononitrile (CS Riot Control Agent) Associated Acute Respiratory Illnesses in a U.S. Army Basic Combat Training Cohort. <i>Military Medicine</i> , 2014, 179, 793-798.	0.4	14
39	Injury-Reduction Effectiveness of Prescribing Running Shoes on the Basis of Foot Arch Height: Summary of Military Investigations. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 805-812.	1.7	51
40	A systematic review and meta-analysis on the prevalence of dietary supplement use by military personnel. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 143.	3.7	63
41	Efficacy of Functional Movement Screening in Predicting Injuries in Coast Guard Cadets. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 768.	0.2	0
42	Injury Incidence with T-10 and T-11 Parachutes in Military Airborne Operations. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 1159-1169.	0.6	12
43	Risk Factors for Closed-Head Injuries During Military Airborne Operations. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 105-111.	0.6	7
44	Activities Associated With Injuries in Initial Entry Training. <i>Military Medicine</i> , 2013, 178, 500-506.	0.4	35
45	Functional Movement Screen and Aerobic Fitness Predict Injuries in Military Training. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 636-643.	0.2	170
46	Reply: To PMID 22130400. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, E1-2.	1.0	0
47	Risk Factors for Musculoskeletal Injuries for Soldiers Deployed to Afghanistan. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 1060-1066.	0.6	94
48	A Systematic Review of the Effects of Physical Training on Load Carriage Performance. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 585-597.	1.0	91
49	A Multiple Intervention Strategy for Reducing Femoral Neck Stress Injuries and Other Serious Overuse Injuries in U.S. Army Basic Combat Training. <i>Military Medicine</i> , 2012, 177, 1081-1089.	0.4	35
50	Lifting Tasks are Associated With Injuries During the Early Portion of a Deployment to Afghanistan. <i>Military Medicine</i> , 2012, 177, 716-722.	0.4	43
51	Risk Factors for Medical Discharge From United States Army Basic Combat Training. <i>Military Medicine</i> , 2011, 176, 1104-1110.	0.4	34
52	Risk Factors for Injuries in the U.S. Army Ordnance School. <i>Military Medicine</i> , 2011, 176, 1292-1299.	0.4	33
53	The Advanced Tactical Parachute System (T-11): Injuries During Basic Military Parachute Training. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 935-940.	0.6	2
54	Military Parachuting Injuries, Associated Events, and Injury Risk Factors. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 797-804.	0.6	26

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55	Association Between Ambulatory Physical Activity and Injuries During United States Army Basic Combat Training. <i>Journal of Physical Activity and Health</i> , 2011, 8, 496-502.	1.0	38
56	Footwear in the United States Army Band: Injury incidence and risk factors associated with foot pain. <i>Foot</i> , 2011, 21, 60-65.	0.4	22
57	Comparison of Injury Incidence in Two Different Military Parachuting Systems During United States Army Airborne Training. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 367-368.	0.2	0
58	Functional Movement Screening. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2224-2230.	0.2	215
59	Injuries and injury risk factors among British army infantry soldiers during predeployment training. <i>Injury Prevention</i> , 2011, 17, 381-387.	1.2	40
60	Association of Fitness and Injuries in Military Services' Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 472.	0.2	1
61	Does Assigning Running Shoes Based on Plantar Shape Reduce Injury Risk? A Meta-Analysis. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 145.	0.2	0
62	Effect of a 13-Month Deployment to Iraq on Physical Fitness and Body Composition. <i>Military Medicine</i> , 2010, 175, 417-423.	0.4	62
63	Injury Reduction Effectiveness of Assigning Running Shoes Based on Plantar Shape in Marine Corps Basic Training. <i>American Journal of Sports Medicine</i> , 2010, 38, 1759-1767.	1.9	74
64	Systematic Review of the Parachute Ankle Brace. <i>American Journal of Preventive Medicine</i> , 2010, 38, S182-S188.	1.6	40
65	Effect on Injuries of Assigning Shoes Based on Foot Shape in Air Force Basic Training. <i>American Journal of Preventive Medicine</i> , 2010, 38, S197-S211.	1.6	73
66	Tobacco Use Prevalence and Factors Associated with Tobacco Use in New U.S. Army Personnel. <i>Journal of Addictive Diseases</i> , 2010, 29, 284-293.	0.8	12
67	Injury Reduction Effectiveness of Selecting Running Shoes Based on Plantar Shape. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 98-99.	0.2	0
68	Evaluation of mouthguards for the prevention of orofacial injuries during United States Army basic military training. <i>Dental Traumatology</i> , 2008, 24, 86-90.	0.8	24
69	Injury Risk Factors in Parachuting and Acceptability of the Parachute Ankle Brace. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 689-694.	0.6	19
70	Parachute Ankle Brace and Extrinsic Injury Risk Factors During Parachuting. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 408-415.	0.6	29
71	Seasonal Variations in Injury Rates in U.S. Army Ordnance Training. <i>Military Medicine</i> , 2008, 173, 362-368.	0.4	3
72	Risk Factors Associated with Self-Reported Training-Related Injury at the U.S. Army Ordnance School. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S235.	0.2	0

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73	Validity of Visual Assessment of the Plantar Surface as an Estimate of Foot Arch Height. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S93.	0.2	0
74	Mouthguards in Sport Activities. <i>Sports Medicine</i> , 2007, 37, 117-144.	3.1	232
75	Injury Rates and Injury Risk Factors among U.S. Army Wheel Vehicle Mechanics. <i>Military Medicine</i> , 2007, 172, 988-996.	0.4	49
76	The Validity of Self-Reported Physical Fitness Test Scores. <i>Military Medicine</i> , 2007, 172, 115-120.	0.4	29
77	Injuries and injury risk factors among members of the United States Army band. <i>American Journal of Industrial Medicine</i> , 2007, 50, 951-961.	1.0	34
78	Temporal Changes in the Physical Fitness of US Army Recruits. <i>Sports Medicine</i> , 2006, 36, 613-634.	3.1	67
79	Injuries and Illnesses among Armor Brigade Soldiers during Operational Training. <i>Military Medicine</i> , 2006, 171, 1051-1056.	0.4	25
80	The Basis for Prescribed Ability Group Run Speeds and Distances in U.S. Army Basic Combat Training. <i>Military Medicine</i> , 2006, 171, 669-677.	0.4	23
81	Increasing the Physical Fitness of Low-Fit Recruits before Basic Combat Training: An Evaluation of Fitness, Injuries, and Training Outcomes. <i>Military Medicine</i> , 2006, 171, 45-54.	0.4	94
82	Injury Rates, Activities Associated with Injuries, and Risk Factors of Army Wheel Vehicle Mechanics. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S348.	0.2	0
83	Evaluation of a Standardized Physical Training Program for Basic Combat Training. <i>Journal of Strength and Conditioning Research</i> , 2005, 19, 246.	1.0	55
84	History Of Vigorous Physical Activity Among Army Recruits And Its Association With Education And Cigarette Smoking. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S31.	0.2	0
85	Outcomes of Fort Jackson's Physical Training and Rehabilitation Program in Army Basic Combat Training: Return to Training, Graduation, and 2-Year Retention. <i>Military Medicine</i> , 2004, 169, 562-567.	0.4	6
86	Soldier Load Carriage: Historical, Physiological, Biomechanical, and Medical Aspects. <i>Military Medicine</i> , 2004, 169, 45-56.	0.4	433
87	Retention in service of recruits assigned to the army physical fitness test enhancement program in basic combat training. <i>Military Medicine</i> , 2003, 168, 490-2.	0.4	3
88	Risk factors for injuries during military parachuting. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 768-74.	0.6	17
89	Seasonal Variations in Injury Rates During US Army Basic Combat Training. <i>Annals of Occupational Hygiene</i> , 2002, 46, 15-23.	1.9	42
90	Injuries and injury prevention among senior military officers at the Army War College. <i>Military Medicine</i> , 2002, 167, 593-9.	0.4	5

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91	Energy cost during locomotion across snow: a comparison of four types of snowshoes with snowshoe design considerations. <i>Work</i> , 2002, 18, 171-7.	0.6	3
92	The Physical Training and Rehabilitation Program: Duration of Rehabilitation and Final Outcome of Injuries in Basic Combat Training. <i>Military Medicine</i> , 2001, 166, 820-826.	0.4	38
93	Angiotensin-converting enzyme genotype and physical performance during US Army basic training. <i>Journal of Applied Physiology</i> , 2001, 91, 1355-1363.	1.2	60
94	The Prevalence of Exercise-Induced Bronchospasm Among US Army Recruits and Its Effects on Physical Performance. <i>Chest</i> , 2001, 119, 1676-1684.	0.4	37
95	Risk factors for training-related injuries among men and women in basic combat training. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 946-954.	0.2	406
96	The Fitness Training Unit in U.S. Army Basic Combat Training: Physical Fitness, Training Outcomes, and Injuries. , 2001, 166, 356-61.		17
97	Does Stretching Before Exercise Prevent Lower-Limb Injury?. <i>Clinical Journal of Sport Medicine</i> , 2000, 10, 216.	0.9	2
98	Physical Training and Exercise-Related Injuries. <i>Sports Medicine</i> , 1999, 27, 111-125.	3.1	244
99	Injuries and Risk Factors in a 100-Mile (161-km) Infantry Road March. <i>Preventive Medicine</i> , 1999, 28, 167-173.	1.6	67
100	Task-specific and generalized physical training for improving manual-material handling capability. <i>International Journal of Industrial Ergonomics</i> , 1998, 22, 149-160.	1.5	10
101	Influence of an antiperspirant on foot blister incidence during cross-country hiking. <i>Journal of the American Academy of Dermatology</i> , 1998, 39, 202-206.	0.6	62
102	Toward Better Snowshoe Design. <i>Ergonomics in Design</i> , 1998, 6, 5-10.	0.4	1
103	The influence of physical fitness training on the manual material handling capability of women. <i>Applied Ergonomics</i> , 1997, 28, 339-345.	1.7	36
104	Influence of Age and Body Mass Index on Measures of Physical Fitness in U.S. Army Soldiers. <i>Journal of Aging and Physical Activity</i> , 1996, 4, 234-250.	0.5	7
105	Load carriage using packs: A review of physiological, biomechanical and medical aspects. <i>Applied Ergonomics</i> , 1996, 27, 207-216.	1.7	313
106	Validity of an anthropometric estimate of thigh muscle cross-sectional area. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 1523-1530.	0.2	61
107	Symptoms during Load Carrying: Effects of Mass and Load Distribution during a 20-Km Road March. <i>Perceptual and Motor Skills</i> , 1995, 81, 331-338.	0.6	47
108	Effects of an antiperspirant with emollients on foot-sweat accumulation and blister formation while walking in the heat. <i>Journal of the American Academy of Dermatology</i> , 1995, 33, 626-630.	0.6	47

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109	Friction Blisters. Sports Medicine, 1995, 20, 136-147.	3.1	114
110	Exercise, Training and Injuries*. Sports Medicine, 1994, 18, 202-214.	3.1	142
111	Strength, Flexibility and Athletic Injuries <sup>1</sup> . Sports Medicine, 1992, 14, 277-288.	3.1	70
112	Psychological and Behavioral Benefits of a Stress/Type A Behavior Reduction Program for Healthy Middle-Aged Army Officers. Psychosomatics, 1991, 32, 337-342.	2.5	21
113	Preseason strength and flexibility imbalances associated with athletic injuries in female collegiate athletes. American Journal of Sports Medicine, 1991, 19, 76-81.	1.9	576
114	The energy cost of women walking and running in shoes and boots— . Ergonomics, 1986, 29, 439-443.	1.1	54
115	The energy cost and heart-rate response of trained and untrained subjects walking and running in shoes and boots. Ergonomics, 1984, 27, 895-902.	1.1	95
116	Angular Specificity and Test Mode Specificity of Isometric and Isokinetic Strength Training. Journal of Orthopaedic and Sports Physical Therapy, 1983, 5, 58-65.	1.7	62
117	Isometric, Isotonic, and Isokinetic Torque Variations in Four Muscle Groups Through a Range of Joint Motion. Physical Therapy, 1983, 63, 938-947.	1.1	165
118	Comparison of Isokinetic Measurements with Test Repetitions. Physical Therapy, 1982, 62, 169-172.	1.1	90