

Gregory A Hand

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,800
citations

159525

30
h-index

182361

51
g-index

78
all docs

78
docs citations

78
times ranked

4585
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of U.S. Nutritional Surveillance: National Health and Nutrition Examination Survey Caloric Energy Intake Data, 1971â€“2010. PLoS ONE, 2013, 8, e76632.	1.1	325
2	Electronic feedback in a diet- and physical activity-based lifestyle intervention for weight loss: a randomized controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2011, 8, 41.	2.0	164
3	The effects of chronic treadmill and wheel running on behavior in rats. Brain Research, 2004, 1019, 84-96.	1.1	163
4	45-Year Trends in Womenâ€™s Use of Time and Household Management Energy Expenditure. PLoS ONE, 2013, 8, e56620.	1.1	137
5	Anti-inflammatory Dietary Inflammatory Index scores are associated with healthier scores on other dietary indices. Nutrition Research, 2016, 36, 214-219.	1.3	121
6	Low levels of physical activity are associated with dysregulation of energy intake and fat mass gain over 1 year. American Journal of Clinical Nutrition, 2015, 102, 1332-1338.	2.2	116
7	Metabolic syndrome and risk of cancer mortality in men. European Journal of Cancer, 2009, 45, 1831-1838.	1.3	113
8	The Association Between Cardiorespiratory Fitness and Risk of All-Cause Mortality Among Women With Impaired Fasting Glucose or Undiagnosed Diabetes Mellitus. Mayo Clinic Proceedings, 2009, 84, 780-786.	1.4	86
9	Moderate intensity exercise training reverses functional aerobic impairment in HIV-infected individuals. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2008, 20, 1066-1074.	0.6	80
10	Relationships between chronotype, social jetlag, sleep, obesity and blood pressure in healthy young adults. Chronobiology International, 2019, 36, 493-509.	0.9	73
11	Physiological and Psychological Effects of Exercise Interventions in HIV Disease. AIDS Patient Care and STDs, 2004, 18, 81-98.	1.1	68
12	Physiological and Psychological Correlates of Fatigue in HIV Disease. Biological Research for Nursing, 2004, 6, 59-74.	1.0	68
13	Impact of Aerobic and Resistance Exercise on the Health of HIV-Infected Persons. American Journal of Lifestyle Medicine, 2009, 3, 489-499.	0.8	57
14	Physiological and Psychological Correlates of Sleep in HIV Infection. Clinical Nursing Research, 2004, 13, 33-52.	0.7	53
15	The independent association between diet quality and body composition. Scientific Reports, 2014, 4, 4928.	1.6	53
16	The pressor reflex evoked by static contraction: neurochemistry at the site of the first synapse. Brain Research Reviews, 1997, 23, 196-209.	9.1	51
17	Differential release of corticotropin-releasing hormone (CRH) in the amygdala during different types of stressors. Brain Research, 2002, 949, 122-130.	1.1	47
18	The Energy Balance Study: The Design and Baseline Results for a Longitudinal Study of Energy Balance. Research Quarterly for Exercise and Sport, 2013, 84, 275-286.	0.8	46

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19	Health Benefits of Exercise for People Living With HIV. <i>American Journal of Lifestyle Medicine</i> , 2016, 10, 184-192.	0.8	43
20	Maximal Exercise Electrocardiography Responses and Coronary Heart Disease Mortality Among Men With Diabetes Mellitus. <i>Circulation</i> , 2008, 117, 2734-2742.	1.6	42
21	Clinical Implications of Therapeutic Exercise in HIV/AIDS. <i>Journal of the Association of Nurses in AIDS Care</i> , 2003, 14, 73-78.	0.4	40
22	Persistence of social jetlag and sleep disruption in healthy young adults. <i>Chronobiology International</i> , 2018, 35, 312-328.	0.9	40
23	Commentary: Luke and Cooper are wrong: physical activity has a crucial role in weight management and determinants of obesity. <i>International Journal of Epidemiology</i> , 2013, 42, 1836-1838.	0.9	38
24	Changes in sedentary time are associated with changes in mental wellbeing over 1-year in young adults. <i>Preventive Medicine Reports</i> , 2018, 11, 274-281.	0.8	38
25	Central interaction between carotid baroreceptors and skeletal muscle receptors inhibits sympathoexcitation. <i>Journal of Applied Physiology</i> , 1998, 84, 1158-1165.	1.2	36
26	Association of Markers of Inflammation with Sleep and Physical Activity Among People Living with HIV or AIDS. <i>AIDS and Behavior</i> , 2015, 19, 1098-1107.	1.4	33
27	The association between cardiorespiratory fitness and risk of all-cause mortality among women with impaired fasting glucose or undiagnosed diabetes mellitus. <i>Mayo Clinic Proceedings</i> , 2009, 84, 780-6.	1.4	33
28	Association between actigraphic sleep metrics and body composition. <i>Annals of Epidemiology</i> , 2015, 25, 773-778.	0.9	32
29	The Association of Physical Activity during Weekdays and Weekend with Body Composition in Young Adults. <i>Journal of Obesity</i> , 2016, 2016, 1-8.	1.1	32
30	Changes in defensive behaviors following olfactory bulbectomy in male and female rats. <i>Brain Research</i> , 2001, 903, 242-246.	1.1	31
31	Energy Intake Derived from an Energy Balance Equation, Validated Activity Monitors, and Dual X-Ray Absorptiometry Can Provide Acceptable Caloric Intake Data among Young Adults. <i>Journal of Nutrition</i> , 2018, 148, 490-496.	1.3	31
32	An Economic Analysis of Traditional and Technology-Based Approaches to Weight Loss. <i>American Journal of Preventive Medicine</i> , 2012, 43, 176-182.	1.6	30
33	Effects of moderate and vigorous physical activity on fitness and body composition. <i>Journal of Behavioral Medicine</i> , 2016, 39, 624-632.	1.1	30
34	Low Fitness Partially Explains Resting Metabolic Rate Differences Between African American and White Women. <i>American Journal of Medicine</i> , 2014, 127, 436-442.	0.6	28
35	Associations between physical activity and sedentary time on components of metabolic syndrome among adults with HIV. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2014, 26, 1387-1392.	0.6	28
36	Validation of a Novel Protocol for Calculating Estimated Energy Requirements and Average Daily Physical Activity Ratio for the US Population: 2005-2006. <i>Mayo Clinic Proceedings</i> , 2013, 88, 1398-1407.	1.4	27

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37	Using a technology-based intervention to promote weight loss in sedentary overweight or obese adults: a randomized controlled trial study design. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2011, 4, 67.	1.1	25
38	Static muscle contraction elicits a baroreflex-dependent increase in glutamate concentration in the ventrolateral medulla. <i>Brain Research</i> , 1997, 748, 211-218.	1.1	24
39	A home-based exercise intervention to increase physical activity among people living with HIV: study design of a randomized clinical trial. <i>BMC Public Health</i> , 2013, 13, 502.	1.2	21
40	Association of Changes in Fitness and Body Composition with Cancer Mortality in Men. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1366-1374.	0.2	21
41	Top 10 Research Questions Related to Energy Balance. <i>Research Quarterly for Exercise and Sport</i> , 2014, 85, 49-58.	0.8	21
42	Cross-sectional and longitudinal associations between different exercise types and food cravings in free-living healthy young adults. <i>Appetite</i> , 2017, 118, 82-89.	1.8	17
43	Moderate Cardiorespiratory Fitness Is Positively Associated With Resting Metabolic Rate in Young Adults. <i>Mayo Clinic Proceedings</i> , 2014, 89, 763-771.	1.4	16
44	Differences in correlates of energy balance in normal weight, overweight and obese adults. <i>Obesity Research and Clinical Practice</i> , 2015, 9, 592-602.	0.8	16
45	The association between different types of exercise and energy expenditure in young nonoverweight and overweight adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 211-217.	0.9	15
46	Energy flux: staying in energy balance at a high level is necessary to prevent weight gain for most people. <i>Expert Review of Endocrinology and Metabolism</i> , 2015, 10, 599-605.	1.2	15
47	The Prospective Association between Different Types of Exercise and Body Composition. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2535-2541.	0.2	14
48	Reciprocal relationship between sedentary behavior and mood in young adults over one-year duration. <i>Mental Health and Physical Activity</i> , 2018, 14, 157-162.	0.9	14
49	Energy balance: a crucial issue for exercise and sports medicine. <i>British Journal of Sports Medicine</i> , 2015, 49, 970-971.	3.1	13
50	Association of Exercise Heart Rate Response and Incidence of Hypertension in Men. <i>Mayo Clinic Proceedings</i> , 2014, 89, 1101-1107.	1.4	10
51	Energy Flux and its Role in Obesity and Metabolic Disease. <i>European Endocrinology</i> , 2014, 10, 131.	0.8	10
52	Segmental effect of spinal NK-1 receptor blockade on the pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H789-H796.	1.5	9
53	Maximal Exercise Electrocardiographic Responses and Coronary Heart Disease Mortality Among Men With Metabolic Syndrome. <i>Mayo Clinic Proceedings</i> , 2010, 85, 239-246.	1.4	9
54	Psychological Correlates of HIV-Related Symptom Distress. <i>Journal of the Association of Nurses in AIDS Care</i> , 2014, 25, 309-317.	0.4	9

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55	Energy Flux and its Role in Obesity and Metabolic Disease. <i>US Endocrinology</i> , 2014, 10, 59.	0.3	9
56	Association between cardiorespiratory fitness and submaximal systolic blood pressure among young adult men. <i>Journal of Hypertension</i> , 2015, 33, 2239-2244.	0.3	8
57	Cardiometabolic results from an armband-based weight loss trial. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2011, 4, 187.	1.1	7
58	The Association of Neighborhood Gene-Environment Susceptibility with Cortisol and Blood Pressure in African-American Adults. <i>Annals of Behavioral Medicine</i> , 2016, 50, 98-107.	1.7	7
59	Current and 1-Year Psychological and Physical Effects of Replacing Sedentary Time With Time in Other Behaviors. <i>American Journal of Preventive Medicine</i> , 2020, 59, 12-20.	1.6	7
60	What is Causing the Worldwide Rise in Body Weight?. <i>European Endocrinology</i> , 2014, 10, 136.	0.8	7
61	What is Causing the Worldwide Rise in Body Weight?. <i>US Endocrinology</i> , 2014, 10, 44.	0.3	7
62	Extremes of weight gain and weight loss with detailed assessments of energy balance: Illustrative case studies and clinical recommendations. <i>Postgraduate Medicine</i> , 2015, 127, 282-288.	0.9	5
63	Relation of Body's Lean Mass, Fat Mass, and Body Mass Index With Submaximal Systolic Blood Pressure in Young Adult Men. <i>American Journal of Cardiology</i> , 2016, 117, 394-398.	0.7	5
64	Neighborhood Social Predictors of Weight-related Measures in Underserved African-Americans in the PATH Trial. <i>Ethnicity and Disease</i> , 2015, 25, 405.	1.0	4
65	Depressive Symptoms Are Positively Associated with Time Spent Sedentary in Healthy Young US Adults. <i>Progress in Preventive Medicine (New York, N Y)</i> , 2017, 2, e0004.	0.7	4
66	The association between sedentary behaviors during weekdays and weekend with change in body composition in young adults. <i>AIMS Public Health</i> , 2016, 3, 375-388.	1.1	4
67	Spinal cholinergic inhibition of the pressor response to muscle activation is mediated by muscarinic, but not nicotinic, receptors. <i>Brain Research</i> , 2000, 877, 382-386.	1.1	3
68	Physical activity in cardiovascular disease prevention in patients with HIV/AIDS. <i>Current Cardiovascular Risk Reports</i> , 2009, 3, 288-295.	0.8	3
69	Is nutrient intake associated with physical activity levels in healthy young adults?. <i>Public Health Nutrition</i> , 2016, 19, 1983-1989.	1.1	3
70	Spinal cholinergic inhibition of the pressor response to skeletal muscle activation. <i>Brain Research</i> , 1999, 837, 143-151.	1.1	2
71	Stress Reduction as a Means to Enhance Oral Immunity in HIV-Infected Individuals. <i>Journal of the Association of Nurses in AIDS Care</i> , 2005, 16, 58-63.	0.4	2
72	Psychosocial Determinants of Weight Loss Among Young Adults With Overweight and Obesity. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2018, 38, 104-110.	1.2	1

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73	AICAR. , 2012, , 50-50.		0
74	Autophagy. , 2012, , 112-112.		0
75	Î±B crystalline. , 2012, , 1-1.		0
76	Cardiorespiratory Fitness, Body Fatness, and Submaximal Systolic Blood Pressure Among Young Adult Women. <i>Journal of Women's Health</i> , 2016, 25, 897-903.	1.5	0
77	A Review of Small Screen and Internet Technologyâ€œInduced Pathology as a Lifestyle Determinant of Health and Illness: A Commentary to Stevens and Egger (2019). <i>American Journal of Lifestyle Medicine</i> , 2020, 14, 122-125.	0.8	0