

Glen E Duncan

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

6,364
citations

108046

37
h-index

81351

76
g-index

106
all docs

106
docs citations

106
times ranked

10957
citing authors

#	ARTICLE	IF	CITATIONS
1	Do married and/or cohabiting individuals fare better during the COVID-19 pandemic? Satisfaction with life and depression among adult twins in the United States. <i>Psychology, Health and Medicine</i> , 2023, 28, 131-138.	1.3	7
2	Fear and depression linked to COVID-19 exposure A study of adult twins during the COVID-19 pandemic. <i>Psychiatry Research</i> , 2021, 296, 113699.	1.7	35
3	Measurement of neighborhood-based physical activity bouts. <i>Health and Place</i> , 2021, 70, 102595.	1.5	12
4	GPS-based built environment measures associated with adult physical activity. <i>Health and Place</i> , 2021, 70, 102602.	1.5	18
5	Differences in Stress and Anxiety Among Women With and Without Children in the Household During the Early Months of the COVID-19 Pandemic. <i>Frontiers in Public Health</i> , 2021, 9, 688462.	1.3	15
6	Educational attainment of same-sex and opposite-sex dizygotic twins: An individual-level pooled study of 19 twin cohorts. <i>Hormones and Behavior</i> , 2021, 136, 105054.	1.0	1
7	Changes in physical activity levels and mental health during COVID-19: Prospective findings among adult twin pairs. <i>PLoS ONE</i> , 2021, 16, e0260218.	1.1	6
8	Stress, Anxiety, and Change in Alcohol Use During the COVID-19 Pandemic: Findings Among Adult Twin Pairs. <i>Frontiers in Psychiatry</i> , 2020, 11, 571084.	1.3	59
9	Psychometric and Classification Properties of the Peas in a Pod Questionnaire. <i>Twin Research and Human Genetics</i> , 2020, 23, 247-255.	0.3	4
10	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs. <i>PLoS ONE</i> , 2020, 15, e0237695.	1.1	91
11	Association between low back pain and body mass index in adult twins: an analysis of monozygotic and dizygotic twins of the Washington State Twin Registry. <i>Spine Journal</i> , 2020, 20, 1805-1815.	0.6	0
12	Neighborhood Deprivation Moderates Shared and Unique Environmental Influences on Hazardous Drinking: Findings from a Cross-Sectional Co-Twin Study. <i>Substance Use and Misuse</i> , 2020, 55, 1625-1632.	0.7	2
13	Title is missing!. , 2020, 15, e0237695.		0
14	Title is missing!. , 2020, 15, e0237695.		0
15	Title is missing!. , 2020, 15, e0237695.		0
16	Title is missing!. , 2020, 15, e0237695.		0
17	Sleep duration and post-traumatic stress disorder symptoms: a twin study. <i>Sleep</i> , 2019, 42, .	0.6	8
18	Probabilistic walking models using built environment and sociodemographic predictors. <i>Population Health Metrics</i> , 2019, 17, 7.	1.3	4

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19	Heritability of Type 2 Diabetes in the Washington State Twin Registry. <i>Twin Research and Human Genetics</i> , 2019, 22, 95-98.	0.3	15
20	A Twin Study of Genetic Influences on Nephrolithiasis in Women and Men. <i>Kidney International Reports</i> , 2019, 4, 535-540.	0.4	39
21	The Washington State Twin Registry: 2019 Update. <i>Twin Research and Human Genetics</i> , 2019, 22, 788-793.	0.3	20
22	Familial factors predicting recovery and maintenance of physical activity in people with low back pain: Insights from a population-based twin study. <i>European Journal of Pain</i> , 2019, 23, 367-377.	1.4	3
23	Cohort Profile: TWINS study of environment, lifestyle behaviours and health. <i>International Journal of Epidemiology</i> , 2019, 48, 1041-1041h.	0.9	3
24	Associations between social capital and depression: A study of adult twins. <i>Health and Place</i> , 2018, 50, 162-167.	1.5	33
25	Using Smart City Technology to Make Healthcare Smarter. <i>Proceedings of the IEEE</i> , 2018, 106, 708-722.	16.4	120
26	Associations between neighbourhood characteristics and depression: a twin study. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 202-207.	2.0	23
27	Examination of Cross-Sectional Associations of Neighborhood Deprivation and Alcohol Outlet Density With Hazardous Drinking Using a Twin Design. <i>Journal of Studies on Alcohol and Drugs</i> , 2018, 79, 68-73.	0.6	9
28	DNA methylation associated with healthy aging of elderly twins. <i>GeroScience</i> , 2018, 40, 469-484.	2.1	38
29	Differential models of twin correlations in skew for body-mass index (BMI). <i>PLoS ONE</i> , 2018, 13, e0194968.	1.1	8
30	Usability of a Personal Air Pollution Monitor: Design-Feedback Iterative Cycle Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e12023.	1.8	10
31	Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 457-466.	2.2	107
32	Cross-sectional association between soda consumption and body mass index in a community-based sample of twins. <i>Nutrition Journal</i> , 2017, 16, 48.	1.5	5
33	Sleep Duration and Area-Level Deprivation in Twins. <i>Sleep</i> , 2016, 39, 67-77.	0.6	23
34	Cross Sectional Association between Spatially Measured Walking Bouts and Neighborhood Walkability. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 412.	1.2	17
35	Variation in WIC Cash-Value Voucher Redemption Among American Indian Reservation Communities in Washington State. <i>Journal of Hunger and Environmental Nutrition</i> , 2016, 11, 254-262.	1.1	7
36	Socioeconomic modifiers of genetic and environmental influences on body mass index in adult twins.. <i>Health Psychology</i> , 2016, 35, 157-166.	1.3	28

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37	Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the COllaborative project of Development of Anthropometrical measures in Twins (CODATwins) study. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 371-379.	2.2	175
38	Is marriage a buzzkill? A twin study of marital status and alcohol consumption.. <i>Journal of Family Psychology</i> , 2016, 30, 698-707.	1.0	44
39	Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. <i>Scientific Reports</i> , 2016, 6, 28496.	1.6	133
40	Participant Experience Using GPS Devices in a Food Environment and Nutrition Study. <i>Journal of Hunger and Environmental Nutrition</i> , 2016, 11, 414-427.	1.1	5
41	Zygoty Differences in Height and Body Mass Index of Twins From Infancy to Old Age: A Study of the CODATwins Project. <i>Twin Research and Human Genetics</i> , 2015, 18, 557-570.	0.3	24
42	The CODATwins Project: The Cohort Description of Collaborative Project of Development of Anthropometrical Measures in Twins to Study Macro-Environmental Variation in Genetic and Environmental Effects on Anthropometric Traits. <i>Twin Research and Human Genetics</i> , 2015, 18, 348-360.	0.3	55
43	Associations Between Fast-Food Consumption and Body Mass Index: A Cross-Sectional Study in Adult Twins. <i>Twin Research and Human Genetics</i> , 2015, 18, 375-382.	0.3	6
44	Access to green space, physical activity and mental health: a twin study. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 523-529.	2.0	261
45	Behavioral and Environmental Modification of the Genetic Influence on Body Mass Index: A Twin Study. <i>Behavior Genetics</i> , 2015, 45, 409-426.	1.4	16
46	Response to Letter Regarding Article, "Physical Activity and Heart Rate Variability in Older Adults: The Cardiovascular Health Study". <i>Circulation</i> , 2015, 131, e349-50.	1.6	5
47	Worksite Neighborhood and Obesogenic Behaviors. <i>American Journal of Preventive Medicine</i> , 2015, 48, 31-41.	1.6	20
48	Quasi-causal associations of physical activity and neighborhood walkability with body mass index: A twin study. <i>Preventive Medicine</i> , 2015, 70, 90-95.	1.6	22
49	Emerging Technologies for Assessing Physical Activity Behaviors in Space and Time. <i>Frontiers in Public Health</i> , 2014, 2, 2.	1.3	87
50	Life's Simple 7 and Incidence of Diabetes Among American Indians: The Strong Heart Family Study. <i>Diabetes Care</i> , 2014, 37, 2240-2245.	4.3	87
51	Stepping towards causation in studies of neighborhood and environmental effects: How twin research can overcome problems of selection and reverse causation. <i>Health and Place</i> , 2014, 27, 106-111.	1.5	20
52	Physical Activity and Change in Estimated GFR among Persons with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 399-406.	3.0	113
53	Physical Activity and Heart Rate Variability in Older Adults. <i>Circulation</i> , 2014, 129, 2100-2110.	1.6	168
54	The built environment and utilitarian walking in small U.S. towns. <i>Preventive Medicine</i> , 2014, 69, 80-86.	1.6	52

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55	Association of American Indian cultural identity with physical activity. <i>Ethnicity and Disease</i> , 2014, 24, 1-7.	1.0	38
56	Increases in physical activity may affect quality of life differently in men and women: the PACE project. <i>Quality of Life Research</i> , 2013, 22, 2381-2388.	1.5	11
57	Age at dieting onset, body mass index, and dieting practices. A twin study. <i>Appetite</i> , 2013, 71, 301-306.	1.8	6
58	Assessment of Physical Activity in Chronic Kidney Disease. , 2013, 23, 123-131.		36
59	Measuring slope to improve energy expenditure estimates during field-based activities. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 352-356.	0.9	5
60	Characterizing the food environment: pitfalls and future directions. <i>Public Health Nutrition</i> , 2013, 16, 1238-1243.	1.1	46
61	University of Washington Twin Registry: Poised for the Next Generation of Twin Research. <i>Twin Research and Human Genetics</i> , 2013, 16, 455-462.	0.3	71
62	Associations of processed meat and unprocessed red meat intake with incident diabetes: the Strong Heart Family Study. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 752-758.	2.2	76
63	New Horizons in Sensor Development. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, S24-S31.	0.2	87
64	Modest Levels of Physical Activity Are Associated With a Lower Incidence of Diabetes in a Population With a High Rate of Obesity: The Strong Heart Family Study. <i>Diabetes Care</i> , 2012, 35, 1743-1745.	4.3	73
65	Genetic and environmental influences on residential location in the US. <i>Health and Place</i> , 2012, 18, 515-519.	1.5	12
66	Physical Activity and Cervical Cancer Testing Among American Indian Women. <i>Journal of Rural Health</i> , 2012, 28, 320-326.	1.6	8
67	Food Access and Cost in American Indian Communities in Washington State. <i>Journal of the American Dietetic Association</i> , 2011, 111, 1375-1379.	1.3	62
68	Accuracy of a novel multi-sensor board for measuring physical activity and energy expenditure. <i>European Journal of Applied Physiology</i> , 2011, 111, 2025-2032.	1.2	13
69	Soda intake and osteoporosis risk in postmenopausal American-Indian women. <i>Public Health Nutrition</i> , 2011, 14, 1900-1906.	1.1	12
70	Environmental Assessment at Worksites After a Multilevel Intervention to Promote Activity and Changes in Eating: The PACE Project. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, S22-S28.	0.9	21
71	Aerobic Exercise Improves Cognition for Older Adults with Glucose Intolerance, A Risk Factor for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 569-579.	1.2	215
72	Effects of Aerobic Exercise on Mild Cognitive Impairment. <i>Archives of Neurology</i> , 2010, 67, 71-9.	4.9	915

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73	BALANCE (Bioengineering Approaches for Lifestyle Activity and Nutrition Continuous Engagement): Developing New Technology for Monitoring Energy Balance in Real Time. <i>Journal of Diabetes Science and Technology</i> , 2010, 4, 429-434.	1.3	12
74	The "fit but fat" concept revisited: population-based estimates using NHANES. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2010, 7, 47.	2.0	49
75	Validated caloric expenditure estimation using a single body-worn sensor. , 2009, , .		58
76	Epidemiology of Physical Activity in American Indians in the Education and Research Towards Health Cohort. <i>American Journal of Preventive Medicine</i> , 2009, 37, 488-494.	1.6	21
77	BALANCE. , 2009, 2009, 5.		58
78	Unique Environmental Effects on Physical Activity Participation: A Twin Study. <i>PLoS ONE</i> , 2008, 3, e2019.	1.1	35
79	Worksite Study Promoting Activity and Changes in Eating (PACE): Design and Baseline Results. <i>Obesity</i> , 2007, 15, 4S-15S.	1.5	42
80	Population-Based Reference Standards for Cardiovascular Fitness among U.S. Adults. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 701-707.	0.2	29
81	Exercise, fitness, and cardiovascular disease risk in type 2 diabetes and the metabolic syndrome. <i>Current Diabetes Reports</i> , 2006, 6, 29-35.	1.7	53
82	Prevalence of Diabetes and Impaired Fasting Glucose Levels Among US Adolescents. <i>JAMA Pediatrics</i> , 2006, 160, 523.	3.6	158
83	Prescribing Exercise at Varied Levels of Intensity and Frequency. <i>Archives of Internal Medicine</i> , 2005, 165, 2362.	4.3	152
84	Cardiovascular Fitness among U.S. Adults: NHANES 1999-2000 and 2001-2002. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1324-1328.	0.2	35
85	Age and kidney function are the primary correlates of fasting plasma total homocysteine levels in non-diabetic and diabetic adults. Results from the 1999-2002 National Health and Nutrition Examination Survey. <i>Nutrition and Metabolism</i> , 2005, 2, 13.	1.3	5
86	Dichloroacetate Therapy Attenuates the Blood Lactate Response to Submaximal Exercise in Patients with Defects in Mitochondrial Energy Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1733-1738.	1.8	35
87	Prevalence and Trends of a Metabolic Syndrome Phenotype Among U.S. Adolescents, 1999-2000. <i>Diabetes Care</i> , 2004, 27, 2438-2443.	4.3	409
88	Differential Metabolic Effects of Saturated Versus Polyunsaturated Fats in Ketogenic Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1641-1645.	1.8	71
89	Effects of exercise on emerging and traditional cardiovascular risk factors. <i>Preventive Medicine</i> , 2004, 39, 894-902.	1.6	40
90	Comparison of perceived health to physiological measures of health in Black and White women††This work was supported by HL58873 and RR0082.. <i>Preventive Medicine</i> , 2003, 36, 624-628.	1.6	28

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91	Exercise Training, Without Weight Loss, Increases Insulin Sensitivity and Postheparin Plasma Lipase Activity in Previously Sedentary Adults. <i>Diabetes Care</i> , 2003, 26, 557-562.	4.3	326
92	QUICKI Is Not a Useful and Accurate Index of Insulin Sensitivity following Exercise Training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 950-951.	1.8	8
93	Can Sedentary Adults Accurately Recall the Intensity of Their Physical Activity?. <i>Preventive Medicine</i> , 2001, 33, 18-26.	1.6	113
94	QUICKI Does Not Accurately Reflect Changes in Insulin Sensitivity with Exercise Training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4115-4119.	1.8	32
95	Substrate Metabolism during Exercise in Children and the "Crossover Concept". <i>Pediatric Exercise Science</i> , 1999, 11, 12-21.	0.5	10
96	Metabolic and Perceptual Responses to Short-Term Cycle Training in Children. <i>Pediatric Exercise Science</i> , 1998, 10, 110-122.	0.5	11
97	Applicability of "VO2max criteria: discontinuous versus continuous protocols. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 273-278.	0.2	169
98	Energy cost of stair climbing and descending on the college alumnus questionnaire. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1250-1254.	0.2	95
99	Blood lactate and perceived exertion relative to ventilatory threshold: boys versus men. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1332-1337.	0.2	47
100	Plateau in Oxygen Uptake at Maximal Exercise in Male Children. <i>Pediatric Exercise Science</i> , 1996, 8, 77-86.	0.5	16
101	Physiological and Perceptual Responses to Graded Treadmill and Cycle Exercise in Male Children. <i>Pediatric Exercise Science</i> , 1996, 8, 251-258.	0.5	19
102	Accuracy of five electronic pedometers for measuring distance walked. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 1071-1077.	0.2	443
103	1172 PLATEAU IN OXYGEN CONSUMPTION AT MAXIMAL EXERCISE IN MALE CHILDREN. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, S209.	0.2	0