

Gilad Twig

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

8,489
citations

101496

36
h-index

46771

89
g-index

120
all docs

120
docs citations

120
times ranked

13809
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Epidemic in the Israeli Defense Force—Lessons Learned From Our rt-PCR Screening Policy. <i>Military Medicine</i> , 2023, 188, e65-e68.	0.4	3
2	The Effectiveness of the Two-Dose BNT162b2 Vaccine: Analysis of Real-World Data. <i>Clinical Infectious Diseases</i> , 2022, 74, 472-478.	2.9	152
3	Myopia and Early-Onset Type 2 Diabetes: A Nationwide Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e663-e671.	1.8	3
4	Attention-Deficit/Hyperactivity Disorder and Obesity: A National Study of 1.1 Million Israeli Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1434-e1443.	1.8	8
5	The Global Spread of Severe Obesity in Toddlers, Children, and Adolescents: A Systematic Review and Meta-Analysis. <i>Obesity Facts</i> , 2022, 15, 118-134.	1.6	19
6	Adolescent Blood Pressure and the Risk for Early Kidney Damage in Young Adulthood. <i>Hypertension</i> , 2022, 79, 974-983.	1.3	6
7	The actual burden of obesity—accounting for multimorbidity. <i>Lancet Diabetes and Endocrinology</i> , 2022, 10, 233-234.	5.5	13
8	Obesity in late adolescence and incident type 1 diabetes in young adulthood. <i>Diabetologia</i> , 2022, 65, 1473-1482.	2.9	18
9	Glucose Intolerance in Pregnancy and Offspring Obesity in Late Adolescence. <i>Diabetes Care</i> , 2022, 45, 1540-1548.	4.3	12
10	Acute pyelonephritis in children and the risk of end-stage kidney disease. <i>Journal of Nephrology</i> , 2021, 34, 1757-1765.	0.9	5
11	Adolescent Hypertension and Risk for Early-Onset Type 2 Diabetes: A Nationwide Study of 1.9 Million Israeli Adolescents. <i>Diabetes Care</i> , 2021, 44, e6-e8.	4.3	8
12	Kidney failure risk in type 1 vs. type 2 childhood-onset diabetes mellitus. <i>Pediatric Nephrology</i> , 2021, 36, 333-340.	0.9	9
13	Childhood Cancer and the Risk of ESKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 495-501.	3.0	7
14	Adolescent Nonalcoholic Fatty Liver Disease and Type 2 Diabetes in Young Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e34-e44.	1.8	13
15	Stuttering and Incident Type 2 Diabetes: A Population-Based Study of 2.2 Million Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e978-e987.	1.8	4
16	Height in adolescence as a risk factor for glioma subtypes: a nationwide retrospective cohort study of 2.2 million subjects. <i>Neuro-Oncology</i> , 2021, 23, 1383-1392.	0.6	5
17	Congenital Anomalies of the Kidney and Urinary Tract and Adulthood risk of Urinary Tract Cancer. <i>Kidney International Reports</i> , 2021, 6, 946-952.	0.4	5
18	Self-reported symptoms in healthy young adults to predict potential coronavirus disease 2019. <i>Clinical Microbiology and Infection</i> , 2021, 27, 618-623.	2.8	8

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19	Short Communication: Combining Ethics With Efficiencyâ€”Israel Defense Forces' Experience in Clinical Trials During the Coronavirus Disease 2019 Pandemic. <i>Journal of Empirical Research on Human Research Ethics</i> , 2021, 16, 193-199.	0.6	0
20	Associations between Exposure to Industrial Air Pollution and Prevalence of Asthma and Atopic Diseases in Haifa Bay Area. <i>Atmosphere</i> , 2021, 12, 516.	1.0	3
21	Adolescent and Childhood Obesity and Excess Morbidity and Mortality in Young Adulthoodâ€”a Systematic Review. <i>Current Obesity Reports</i> , 2021, 10, 301-310.	3.5	62
22	Adolescent Thyroid Disorders and Risk for Type 2 Diabetes in Young Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3426-e3435.	1.8	8
23	Body Mass Index in 1.9 Million Adolescents and Stroke in Young Adulthood. <i>Stroke</i> , 2021, 52, 2043-2052.	1.0	20
24	Socioeconomic disparities and COVID-19 vaccination acceptance: a nationwide ecologic study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1502-1506.	2.8	51
25	Asthma in Youth and Early-onset Type 2 Diabetes: A Nationwide Study of 1.72 Million Israeli Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5043-e5053.	1.8	2
26	A spotlight on obesity prevention. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 645-646.	5.5	2
27	Adolescent cognitive function and incident early-onset type 2 diabetes. <i>EClinicalMedicine</i> , 2021, 41, 101138.	3.2	4
28	Associations of Exposure to Nitrogen Oxides with Prevalent Asthma and Other Atopic Diseases in Israel. <i>Environments - MDPI</i> , 2021, 8, 110.	1.5	1
29	Adolescent body mass index and changes in pre-pregnancy body mass index in relation to risk of gestational diabetes. <i>EClinicalMedicine</i> , 2021, 42, 101211.	3.2	6
30	Adolescent Immigration and Type-2 Diabetes. <i>Current Diabetes Reports</i> , 2021, 21, 60.	1.7	0
31	The opposing trends of body mass index and blood pressure during 1977â€“2020; nationwide registry of 2.8 million male and female adolescents. <i>Cardiovascular Diabetology</i> , 2021, 20, 242.	2.7	5
32	Childhood Pancreatitis and Risk for Incident Diabetes in Adulthood. <i>Diabetes Care</i> , 2020, 43, 145-151.	4.3	23
33	Myopia and Childhood Migration. <i>Ophthalmology</i> , 2020, 127, 713-723.	2.5	7
34	Ethnic Variability Among Jews is Associated With Hypertension: Results of a Nationwide Study of 1.44 Million Adolescents. <i>American Journal of Hypertension</i> , 2020, 33, 175-181.	1.0	4
35	Echoes from the past- changing associations between brain tumors and ethnicity. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116552.	0.3	2
36	Obesity and sleep disorders: A nationwide study of 1.3 million Israeli adolescents. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 542-547.	0.8	4

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37	Personality disorders and cause-specific mortality: a nationwide study of 2 million adolescents. <i>Psychological Medicine</i> , 2020, , 1-9.	2.7	1
38	Height as a risk factor in meningioma: a study of 2 million Israeli adolescents. <i>BMC Cancer</i> , 2020, 20, 786.	1.1	7
39	Adolescent BMI and early-onset type 2 diabetes among Ethiopian immigrants and their descendants: a nationwide study. <i>Cardiovascular Diabetology</i> , 2020, 19, 168.	2.7	9
40	Adolescent characteristics and incidence of pre-malignant disease and invasive tumors of the cervix. <i>International Journal of Gynecological Cancer</i> , 2020, 30, 959-968.	1.2	4
41	Cardiovascular morbidity, diabetes and cancer risk among children and adolescents with severe obesity. <i>Cardiovascular Diabetology</i> , 2020, 19, 79.	2.7	138
42	Socioeconomic inequalities and severe obesity—Sex differences in a nationwide study of 1.12 million Israeli adolescents. <i>Pediatric Obesity</i> , 2020, 15, e12681.	1.4	7
43	Adolescent obesity and midlife cancer risk: a population-based cohort study of 2.3 million adolescents in Israel. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 216-225.	5.5	80
44	Adolescent Obesity and Early-Onset Type 2 Diabetes. <i>Diabetes Care</i> , 2020, 43, 1487-1495.	4.3	84
45	Allergic Rhinitis and Asthma Among Adolescents with Psoriasis: A Population-based Cross-sectional Study. <i>Acta Dermato-Venereologica</i> , 2020, 100, adv00133-5.	0.6	10
46	The association between obesity and hyperhidrosis: A nationwide, cross-sectional study of 2.77 million Israeli adolescents. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 624-627.	0.6	14
47	Acne and obesity: A nationwide study of 600,404 adolescents. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 723-729.	0.6	31
48	Impact of Immigration on Body Mass Index and Blood Pressure Among Adolescent Males and Females. <i>Hypertension</i> , 2019, 74, 1316-1323.	1.3	11
49	Renal glucosuria is associated with lower body weight and lower rates of elevated systolic blood pressure: results of a nationwide cross-sectional study of 2.5 million adolescents. <i>Cardiovascular Diabetology</i> , 2019, 18, 124.	2.7	17
50	The association between obesity and secular trend of stature: a nationwide study of 2.8 million adolescents over five decades. <i>International Journal of Obesity</i> , 2019, 43, 1932-1939.	1.6	10
51	Where periodontitis meets metabolic syndrome—The role of common health-related risk factors. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 647-656.	1.3	18
52	Association of Adolescent Hypertension With Future End-stage Renal Disease. <i>JAMA Internal Medicine</i> , 2019, 179, 517.	2.6	58
53	Reply to The relationship between obesity in adolescence and pancreatic cancer in adulthood. <i>Cancer</i> , 2019, 125, 2132-2133.	2.0	1
54	EPID-02. HEIGHT AND THE RISK OF MENINGIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi74-vi74.	0.6	0

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55	Hypertension and childhood migration. <i>Journal of Hypertension</i> , 2019, 37, 702-709.	0.3	10
56	Adolescent overweight and obesity and the risk for pancreatic cancer among men and women: a nationwide study of 1.79 million Israeli adolescents. <i>Cancer</i> , 2019, 125, 118-126.	2.0	33
57	Severe obesity and cardio-metabolic comorbidities: a nationwide study of 2.8 million adolescents. <i>International Journal of Obesity</i> , 2019, 43, 1391-1399.	1.6	40
58	Body Mass Index and Kidney Disease-Related Mortality in Midlife: A Nationwide Cohort of 2.3 Million Adolescents. <i>Obesity</i> , 2018, 26, 776-781.	1.5	10
59	History of Childhood Kidney Disease and Risk of Adult End-Stage Renal Disease. <i>New England Journal of Medicine</i> , 2018, 378, 428-438.	13.9	140
60	Body mass index at adolescence and risk of noncardia gastric cancer in a cohort of 1.79 million men and women. <i>Cancer</i> , 2018, 124, 356-363.	2.0	14
61	Reply to Adolescent body mass index and risk of colon and rectal cancer in a cohort of 1.79 million Israeli men and women: A population-based study. <i>Cancer</i> , 2018, 124, 213-213.	2.0	2
62	Cognitive function in adolescence and the risk for premature diabetes and cardiovascular mortality in adulthood. <i>Cardiovascular Diabetology</i> , 2018, 17, 154.	2.7	37
63	The Impact of Childhood and Adolescent Obesity on Cardiovascular Risk in Adulthood: a Systematic Review. <i>Current Diabetes Reports</i> , 2018, 18, 91.	1.7	122
64	Sex-specific associations between adolescent categories of BMI with cardiovascular and non-cardiovascular mortality in midlife. <i>Cardiovascular Diabetology</i> , 2018, 17, 80.	2.7	23
65	Risk factors associated with gastroenteropancreatic neuroendocrine tumors in a cohort of 2.3 million Israeli adolescents. <i>International Journal of Cancer</i> , 2018, 143, 1876-1883.	2.3	10
66	Sex Differences in the Impact of Thinness, Overweight, Obesity, and Parental Height on Adolescent Height. <i>Journal of Adolescent Health</i> , 2017, 61, 233-239.	1.2	11
67	Prehypertension among 2.19 million adolescents and future risk for end-stage renal disease. <i>Journal of Hypertension</i> , 2017, 35, 1290-1296.	0.3	29
68	Adolescent body mass index and risk of colon and rectal cancer in a cohort of 1.79 million Israeli men and women: A population-based study. <i>Cancer</i> , 2017, 123, 4022-4030.	2.0	45
69	Adolescent Body Mass Index and Cardiovascular Disease-Specific Mortality by Midlife. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3011-3020.	1.8	15
70	Immigration to Israel during childhood is associated with diabetes at adolescence: a study of 2.7 million adolescents. <i>Diabetologia</i> , 2017, 60, 2226-2230.	2.9	9
71	Body-Mass Index in 2.3 Million Adolescents and Cardiovascular Death in Adulthood. <i>New England Journal of Medicine</i> , 2016, 374, 2430-2440.	13.9	683
72	Body-Mass Index in Adolescence and Cardiovascular Death in Adulthood. <i>New England Journal of Medicine</i> , 2016, 375, 1299-1301.	13.9	7

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73	High Normal Uric Acid Levels Are Associated with an Increased Risk of Diabetes in Lean, Normoglycemic Healthy Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3772-3778.	1.8	43
74	BMI at Age 17 Years and Diabetes Mortality in Midlife: A Nationwide Cohort of 2.3 Million Adolescents. <i>Diabetes Care</i> , 2016, 39, 1996-2003.	4.3	69
75	Self-Perceived Emotional Distress and Diabetes Risk Among Young Men. <i>American Journal of Preventive Medicine</i> , 2016, 50, 737-745.	1.6	4
76	Hypertension in late adolescence and cardiovascular mortality in midlife: a cohort study of 2.3 million 16- to 19-year-old examinees. <i>Pediatric Nephrology</i> , 2016, 31, 485-492.	0.9	45
77	Sleep quality and risk of diabetes and coronary artery disease among young men. <i>Acta Diabetologica</i> , 2016, 53, 261-270.	1.2	15
78	Height at Late Adolescence and Incident Diabetes among Young Men. <i>PLoS ONE</i> , 2015, 10, e0136464.	1.1	16
79	Cognitive Performance at Late Adolescence and the Risk for Impaired Fasting Glucose Among Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4409-4416.	1.8	17
80	Coronary artery disease risk among obese metabolically healthy young men. <i>European Journal of Endocrinology</i> , 2015, 173, 305-312.	1.9	23
81	Hormone-induced mitochondrial fission is utilized by brown adipocytes as an amplification pathway for energy expenditure. <i>EMBO Journal</i> , 2014, 33, n/a-n/a.	3.5	185
82	Cardiovascular and Metabolic Risk Factors in Inherited Autoinflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2123-E2128.	1.8	16
83	Childhood History of Resolved Glomerular Disease and Risk of Hypertension During Adulthood. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1155.	3.8	15
84	Cognitive Function and the Risk for Diabetes Among Young Men. <i>Diabetes Care</i> , 2014, 37, 2982-2988.	4.3	56
85	Adolescence BMI and Trends in Adulthood Mortality: A Study of 2.16 Million Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2095-2103.	1.8	33
86	Mortality risk factors associated with familial Mediterranean fever among a cohort of 1.25 million adolescents. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 704-709.	0.5	70
87	Diabetes Risk Among Overweight and Obese Metabolically Healthy Young Adults. <i>Diabetes Care</i> , 2014, 37, 2989-2995.	4.3	100
88	The immigration effect on obesity and overweight in Israeli Jewish male adolescents born 1970-1993. <i>Annals of Epidemiology</i> , 2014, 24, 424-431.	0.9	5
89	White Blood Cells Count and Incidence of Type 2 Diabetes in Young Men. <i>Diabetes Care</i> , 2013, 36, 276-282.	4.3	139
90	MitoTimer probe reveals the impact of autophagy, fusion, and motility on subcellular distribution of young and old mitochondrial protein and on relative mitochondrial protein age. <i>Autophagy</i> , 2013, 9, 1887-1896.	4.3	100

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91	Autophagy in the Homeostasis of Pancreatic β -Cells. , 2013, , 89-100.		0
92	Pathogenesis of infertility and recurrent pregnancy loss in thyroid autoimmunity. Journal of Autoimmunity, 2012, 38, J275-J281.	3.0	151
93	White Blood Cell Count and the Risk for Coronary Artery Disease in Young Adults. PLoS ONE, 2012, 7, e47183.	1.1	55
94	The Interplay Between Mitochondrial Dynamics and Mitophagy. Antioxidants and Redox Signaling, 2011, 14, 1939-1951.	2.5	632
95	Fatty Acids Suppress Autophagic Turnover in β -Cells. Journal of Biological Chemistry, 2011, 286, 42534-42544.	1.6	170
96	Biophysical properties of mitochondrial fusion events in pancreatic β -cells and cardiac cells unravel potential control mechanisms of its selectivity. American Journal of Physiology - Cell Physiology, 2010, 299, C477-C487.	2.1	75
97	Organellar vs cellular control of mitochondrial dynamics. Seminars in Cell and Developmental Biology, 2010, 21, 575-581.	2.3	70
98	Effect of a tailor-made continuous medical education program for primary care physicians on self-perception of physicians' roles and quality of care. Israel Medical Association Journal, 2010, 12, 521-5.	0.1	1
99	Mitochondrial Networking Protects β -Cells From Nutrient-Induced Apoptosis. Diabetes, 2009, 58, 2303-2315.	0.3	339
100	What can mitochondrial heterogeneity tell us about mitochondrial dynamics and autophagy?. International Journal of Biochemistry and Cell Biology, 2009, 41, 1914-1927.	1.2	99
101	Frequency and Selectivity of Mitochondrial Fusion Are Key to Its Quality Maintenance Function. Biophysical Journal, 2009, 96, 3509-3518.	0.2	136
102	Fission and selective fusion govern mitochondrial segregation and elimination by autophagy. EMBO Journal, 2008, 27, 433-446.	3.5	2,587
103	Mitochondrial fusion, fission and autophagy as a quality control axis: The bioenergetic view. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1092-1097.	0.5	556
104	Autoantibody explosion in antiphospholipid syndrome. Journal of Autoimmunity, 2008, 30, 74-83.	3.0	87
105	β -Cell Mitochondria Exhibit Membrane Potential Heterogeneity That Can Be Altered by Stimulatory or Toxic Fuel Levels. Diabetes, 2007, 56, 2569-2578.	0.3	104
106	Epileptic seizure vs. myocardial infarction: the significance of cardiac troponin levels. Israel Medical Association Journal, 2007, 9, 889-90.	0.1	7
107	Tagging and tracking individual networks within a complex mitochondrial web with photoactivatable GFP. American Journal of Physiology - Cell Physiology, 2006, 291, C176-C184.	2.1	112
108	Systemic Thromboembolism in Inflammatory Bowel Disease: Mechanisms and Clinical Applications. Annals of the New York Academy of Sciences, 2005, 1051, 166-173.	1.8	82

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109	Synergistic amplification of β -amyloid- and interferon- γ -induced microglial neurotoxic response by the senile plaque component chromogranin A. American Journal of Physiology - Cell Physiology, 2005, 288, C169-C175.	2.1	13
110	Recurrent and bilateral deep vein thrombosis in a Crohn's patient. Israel Medical Association Journal, 2005, 7, 612-3.	0.1	0