

Arnon Afek

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

2,343
citations

25
h-index

46
g-index

113
ext. papers

3,179
ext. citations

8
avg, IF

5.46
L-index

#	Paper	IF	Citations
101	Body-Mass Index in 2.3 Million Adolescents and Cardiovascular Death in Adulthood. <i>New England Journal of Medicine</i> , 2016 , 374, 2430-40	59.2	485
100	Immunolocalization of beta2-glycoprotein I (apolipoprotein H) to human atherosclerotic plaques: potential implications for lesion progression. <i>Circulation</i> , 1999 , 99, 2227-30	16.7	212
99	Early rate reductions of SARS-CoV-2 infection and COVID-19 in BNT162b2 vaccine recipients. <i>Lancet, The</i> , 2021 , 397, 875-877	40	192
98	Health and health care in Israel: an introduction. <i>Lancet, The</i> , 2017 , 389, 2503-2513	40	85
97	History of Childhood Kidney Disease and Risk of Adult End-Stage Renal Disease. <i>New England Journal of Medicine</i> , 2018 , 378, 428-438	59.2	85
96	Diabetes risk among overweight and obese metabolically healthy young adults. <i>Diabetes Care</i> , 2014 , 37, 2989-95	14.6	83
95	Anxiety, pandemic-related stress and resilience among physicians during the COVID-19 pandemic. <i>Depression and Anxiety</i> , 2020 , 37, 965-971	8.4	72
94	Decreased infectivity following BNT162b2 vaccination: A prospective cohort study in Israel. <i>Lancet Regional Health - Europe, The</i> , 2021 , 7, 100150		50
93	Increased endothelial cell expression of alpha3beta1 integrin in cardiac valvulopathy in the primary (Hughes) and secondary antiphospholipid syndrome. <i>Lupus</i> , 1999 , 8, 502-7	2.6	49
92	A large-scale study on epidemiology and risk factors for chronic ankle instability in young adults. <i>Journal of Foot and Ankle Surgery</i> , 2015 , 54, 183-7	1.6	47
91	Cardiovascular morbidity, diabetes and cancer risk among children and adolescents with severe obesity. <i>Cardiovascular Diabetology</i> , 2020 , 19, 79	8.7	46
90	Clopidogrel attenuates atheroma formation and induces a stable plaque phenotype in apolipoprotein E knockout mice. <i>Microvascular Research</i> , 2009 , 77, 364-9	3.7	46
89	Cognitive function and the risk for diabetes among young men. <i>Diabetes Care</i> , 2014 , 37, 2982-8	14.6	41
88	The role of stress in the mosaic of autoimmunity: An overlooked association. <i>Autoimmunity Reviews</i> , 2018 , 17, 967-983	13.6	38
87	Adolescent Obesity and Early-Onset Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 1487-1495	14.6	36
86	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, 485-92	3.2	35
85	Adolescent obesity and midlife cancer risk: a population-based cohort study of 2.3 million adolescents in Israel. <i>Lancet Diabetes and Endocrinology, the</i> , 2020 , 8, 216-225	18.1	34

84	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	6.4	33
83	Adolescence BMI and trends in adulthood mortality: a study of 2.16 million adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2095-103	5.6	30
82	The 106b~25 microRNA cluster is essential for neovascularization after hindlimb ischaemia in mice. <i>European Heart Journal</i> , 2014 , 35, 3212-23	9.5	30
81	Population-based trends in male adolescent obesity in Israel 1967-2003. <i>Journal of Adolescent Health</i> , 2009 , 44, 195-198	5.8	29
80	Association between body mass index, body height, and the prevalence of spinal deformities. <i>Spine Journal</i> , 2014 , 14, 1581-7	4	28
79	A functional role for inducible costimulator (ICOS) in atherosclerosis. <i>Atherosclerosis</i> , 2005 , 183, 57-63	3.1	26
78	Severe obesity and cardio-metabolic comorbidities: a nationwide study of 2.8 million adolescents. <i>International Journal of Obesity</i> , 2019 , 43, 1391-1399	5.5	26
77	Trajectories of post-traumatic stress symptoms, anxiety, and depression in hospitalized COVID-19 patients: A one-month follow-up. <i>Journal of Psychosomatic Research</i> , 2021 , 143, 110399	4.1	25
76	Digital health nation: Israel's global big data innovation hub. <i>Lancet, The</i> , 2017 , 389, 2451-2453	4.0	24
75	Psychological stress and type 1 diabetes mellitus: what is the link?. <i>Expert Review of Clinical Immunology</i> , 2018 , 14, 1081-1088	5.1	24
74	Sex-specific associations between adolescent categories of BMI with cardiovascular and non-cardiovascular mortality in midlife. <i>Cardiovascular Diabetology</i> , 2018 , 17, 80	8.7	20
73	Anxiety and Depression Symptoms in COVID-19 Isolated Patients and in Their Relatives. <i>Frontiers in Psychiatry</i> , 2020 , 11, 581598	5	19
72	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	6.4	19
71	Third dose of the BNT162b2 vaccine in heart transplant recipients: Immunogenicity and clinical experience. <i>Journal of Heart and Lung Transplantation</i> , 2021 ,	5.8	19
70	Prevalence of Allergic Reactions After Pfizer-BioNTech COVID-19 Vaccination Among Adults With High Allergy Risk. <i>JAMA Network Open</i> , 2021 , 4, e2122255	10.4	19
69	Cognitive function in adolescence and the risk for premature diabetes and cardiovascular mortality in adulthood. <i>Cardiovascular Diabetology</i> , 2018 , 17, 154	8.7	16
68	Coronary artery disease risk among obese metabolically healthy young men. <i>European Journal of Endocrinology</i> , 2015 , 173, 305-12	6.5	15
67	Evidence for the involvement of T cell costimulation through the B-7/CD28 pathway in atherosclerotic plaques from apolipoprotein E knockout mice. <i>Experimental and Molecular Pathology</i> , 2004 , 76, 219-23	4.4	15

66	Adolescent Body Mass Index and Cardiovascular Disease-Specific Mortality by Midlife. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3011-3020	5.6	14
65	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, 4409-16	5.6	13
64	The Prevalence of Cruciate Ligament and Meniscus Knee Injury in Young Adults and Associations with Gender, Body Mass Index, and Height a Large Cross-Sectional Study. <i>Journal of Knee Surgery</i> , 2017 , 30, 565-570	2.4	12
63	Sleep quality and risk of diabetes and coronary artery disease among young men. <i>Acta Diabetologica</i> , 2016 , 53, 261-70	3.9	11
62	Anthropometric measures and prevalence trends in adolescents with coeliac disease: a population based study. <i>Archives of Disease in Childhood</i> , 2017 , 102, 139-144	2.2	11
61	Height at Late Adolescence and Incident Diabetes among Young Men. <i>PLoS ONE</i> , 2015 , 10, e0136464	3.7	11
60	Childhood Pancreatitis and Risk for Incident Diabetes in Adulthood. <i>Diabetes Care</i> , 2020 , 43, 145-151	14.6	11
59	Impact of Immigration on Body Mass Index and Blood Pressure Among Adolescent Males and Females: A Nationwide Study. <i>Hypertension</i> , 2019 , 74, 1316-1323	8.5	9
58	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	6.4	9
57	Clinical characteristics of ruptured chordae tendineae in hospitalized patients: primary tear versus infective endocarditis. <i>Clinical Cardiology</i> , 1998 , 21, 813-6	3.3	9
56	Physician density planning in a public healthcare system: Complexities, threats and opportunities-The case of the Israeli healthcare system. <i>Health Policy</i> , 2016 , 120, 920-7	3.2	9
55	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	5.8	8
54	Hypertension and childhood migration: a nationwide study of 2.7 million adolescents. <i>Journal of Hypertension</i> , 2019 , 37, 702-709	1.9	8
53	Obesity and related risk of myeloproliferative neoplasms among israeli adolescents. <i>Obesity</i> , 2017 , 25, 1187-1190	8	7
52	Association between asthma and body mass index and socioeconomic status: A cross-sectional study on 849,659 adolescents. <i>Respirology</i> , 2016 , 21, 95-101	3.6	7
51	Geographic variation in selected hospital procedures and services in the Israeli health care system. <i>Israel Journal of Health Policy Research</i> , 2017 , 6, 4	1.7	7
50	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	10.3	7
49	Emergency Department Triage in the Era of COVID-19: The Sheba Medical Center Experience. <i>Israel Medical Association Journal</i> , 2020 , 22, 470-475	0.9	7

48	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	4.5	6
47	The association between body mass index and increased utilization of healthcare services: a retrospective cohort study of 51,521 young adult males. <i>Endocrine Practice</i> , 2014 , 20, 638-45	3.2	6
46	Sex differences in the association between body mass index and hypertension - a cross-sectional study in 717 812 adolescents. <i>Pediatric Obesity</i> , 2016 , 11, 317-20	4.6	6
45	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	7.5	5
44	Assigning Israeli medical graduates to internships. <i>Israel Journal of Health Policy Research</i> , 2015 , 4, 6	1.7	5
43	Local complement genes expression in the mammary gland: effect of gestation and inflammation. <i>Pediatric Research</i> , 1999 , 46, 608-12	3.2	5
42	Adolescent Nonalcoholic Fatty Liver Disease and Type 2 Diabetes in Young Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e34-e44	5.6	5
41	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	5.5	4
40	Adolescent BMI and early-onset type 2 diabetes among Ethiopian immigrants and their descendants: a nationwide study. <i>Cardiovascular Diabetology</i> , 2020 , 19, 168	8.7	4
39	Socioeconomic inequalities and severe obesity-Sex differences in a nationwide study of 1.12 million Israeli adolescents. <i>Pediatric Obesity</i> , 2020 , 15, e12681	4.6	4
38	The immigration effect on obesity and overweight in Israeli Jewish male adolescents born 1970-1993. <i>Annals of Epidemiology</i> , 2014 , 24, 424-31	6.4	4
37	Overexpression of 15-lipoxygenase in the vascular endothelium is associated with increased thymic apoptosis in LDL receptor-deficient mice. <i>Pathobiology</i> , 2004 , 71, 261-6	3.6	4
36	Induction of Goodpasture antibodies to noncollagenous domain (NC1) of type IV collagen in mice by idiotypic manipulation. <i>Human Antibodies</i> , 1995 , 6, 122-128	1.3	4
35	The effect of Covid-19 mRNA vaccine on serum anti-Müllerian hormone levels.. <i>Human Reproduction</i> , 2021 ,	5.7	4
34	Adolescent Thyroid Disorders and Risk for Type 2 Diabetes in Young Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3426-e3435	5.6	4
33	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	14.6	4
32	Childhood Cancer and the Risk of ESKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 495-501	12.7	4
31	A third dose of the BNT162b2 mRNA vaccine significantly improves immune responses among liver transplant recipients.. <i>Journal of Hepatology</i> , 2022 ,	13.4	4

30	Self-Perceived Emotional Distress and Diabetes Risk Among Young Men. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 737-745	6.1	3
29	Body Mass Index in 1.9 Million Adolescents and Stroke in Young Adulthood. <i>Stroke</i> , 2021 , 52, 2043-2052	6.7	3
28	Coronal Knee Malalignment in Young Adults and Its Link to Body Measures. <i>Journal of Knee Surgery</i> , 2019 , 32, 421-426	2.4	3
27	Kidney failure risk in type 1 vs. type 2 childhood-onset diabetes mellitus. <i>Pediatric Nephrology</i> , 2021 , 36, 333-340	3.2	3
26	The role of direct single monetary grants in residents' choice of field of residency. <i>Medical Teacher</i> , 2017 , 39, 548-554	3	2
25	Maternal morbidity following caesarean deliveries with barbed suture for uterine closure. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 300, 1245-1252	2.5	2
24	Myopia and Childhood Migration: A Study of 607 862 Adolescents. <i>Ophthalmology</i> , 2020 , 127, 713-723	7.3	2
23	Obesity and sleep disorders: A nationwide study of 1.3 million Israeli adolescents. <i>Obesity Research and Clinical Practice</i> , 2020 , 14, 542-547	5.4	2
22	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, 978-987	5.6	2
21	Influenza Season Hospitalization Trends in Israel: A Multi-Year Comparative Analysis 2005/2006 Through 2012/2013. <i>Journal of Hospital Medicine</i> , 2017 , 12, 710-716	2.7	1
20	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	11.3	1
19	A double-blind randomized trial comparing lidocaine spray and placebo spray anesthesia prior to cervical laminaria insertion. <i>Contraception</i> , 2020 , 102, 332-338	2.5	1
18	Personality disorders and cause-specific mortality: a nationwide study of 2 million adolescents. <i>Psychological Medicine</i> , 2020 , 1-9	6.9	1
17	Establishing a COVID-19 treatment centre in Israel at the initial stage of the outbreak: challenges, responses and lessons learned. <i>Emergency Medicine Journal</i> , 2021 , 38, 373-378	1.5	1
16	Congenital Anomalies of the Kidney and Urinary Tract and Adulthood risk of Urinary Tract Cancer. <i>Kidney International Reports</i> , 2021 , 6, 946-952	4.1	1
15	Adolescent cognitive function and incident early-onset type 2 diabetes. <i>EClinicalMedicine</i> , 2021 , 41, 101138	13.8	1
14	The Future Evolution of Hospitals. <i>Israel Medical Association Journal</i> , 2019 , 21, 163-164	0.9	1
13	The opposing trends of body mass index and blood pressure during 1977-2020; nationwide registry of 2.8 million male and female adolescents. <i>Cardiovascular Diabetology</i> , 2021 , 20, 242	8.7	1

12	Israel-Gaza conflict. <i>Lancet, The</i> , 2014 , 384, e32-3	4.0	o
11	9-cis and all-trans beta-carotene isomers of super critical CO ₂ -extracted Dunaliella oil are absorbed and accumulated in mouse tissues. <i>Applied Phycology</i> , 2021 , 2, 74-79	2.6	o
10	Five years into the Israeli National Diabetes Program - are we on the right track?. <i>Diabetes/Metabolism Research and Reviews</i> , 2021 , 37, e3421	7.5	o
9	Acute pyelonephritis in children and the risk of end-stage kidney disease. <i>Journal of Nephrology</i> , 2021 , 34, 1757-1765	4.8	o
8	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	5.6	o
7	Orthopaedic residents' autonomy in hip fracture surgery: what is the effect on patient outcomes?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 1	3.6	o
6	Dr. Tulp's Anatomy Lesson by Rembrandt: the third day hypothesis. <i>Israel Medical Association Journal</i> , 2009 , 11, 389-92	0.9	o
5	Sleep Difficulties Among COVID-19 Frontline Healthcare Workers.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 838825	3.5	o
4	Jewish Immigrants Of Middle Eastern Origin Have a Lower Incidence Of Multiple Myeloma Compared To Both North African and European Jews In a Cohort Of 746,200 Israeli Men Followed From Late Adolescence. <i>Blood</i> , 2013 , 122, 5346-5346	2.2	
3	COVID-19 vaccine efficacy data: solid enough to delay second dose? - Authors' reply. <i>Lancet, The</i> , 2021 , 397, 2249-2250	4.0	
2	Gender bias in the evaluation of interns in different medical specialties: An archival study.. <i>Medical Teacher</i> , 2022 , 1-7	3	
1	Adolescent Blood Pressure and the Risk for Early Kidney Damage in Young Adulthood.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12118748	8.5	