

Eyal Shahar

List of Publications by Year in descending order

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122
papers

23,648
citations

25423

59
h-index

23173

116
g-index

122
all docs

122
docs citations

122
times ranked

22309
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep-disordered Breathing and Cardiovascular Disease. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 19-25.	2.5	2,679
2	Prospective Study of Obstructive Sleep Apnea and Incident Coronary Heart Disease and Heart Failure. Circulation, 2010, 122, 352-360.	1.6	1,316
3	Sleep-Disordered Breathing and Mortality: A Prospective Cohort Study. PLoS Medicine, 2009, 6, e1000132.	3.9	1,149
4	Predictors of Sleep-Disordered Breathing in Community-Dwelling Adults<subtitle>The Sleep Heart Health Study</subtitle>. Archives of Internal Medicine, 2002, 162, 893.	4.3	1,113
5	Association of Nocturnal Arrhythmias with Sleep-disordered Breathing. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 910-916.	2.5	1,105
6	Obstructive Sleep Apneaâ€“Hypopnea and Incident Stroke. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 269-277.	2.5	1,093
7	Sleep-Disordered Breathing, Glucose Intolerance, and Insulin Resistance: The Sleep Heart Health Study. American Journal of Epidemiology, 2004, 160, 521-530.	1.6	922
8	Retinal microvascular abnormalities and incident stroke: the Atherosclerosis Risk in Communities Study. Lancet, The, 2001, 358, 1134-1140.	6.3	743
9	Stroke Incidence and Survival Among Middle-Aged Adults. Stroke, 1999, 30, 736-743.	1.0	718
10	Ethnic Differences in Coronary Calcification. Circulation, 2005, 111, 1313-1320.	1.6	666
11	Recent Trends in Acute Coronary Heart Disease â€” Mortality, Morbidity, Medical Care, and Risk Factors. New England Journal of Medicine, 1996, 334, 884-890.	13.9	622
12	Retinal Vascular Caliber, Cardiovascular Risk Factors, and Inflammation: The Multi-Ethnic Study of Atherosclerosis (MESA). , 2006, 47, 2341.		531
13	Percent Emphysema, Airflow Obstruction, and Impaired Left Ventricular Filling. New England Journal of Medicine, 2010, 362, 217-227.	13.9	473
14	Diabetes and Sleep Disturbances: Findings from the Sleep Heart Health Study. Diabetes Care, 2003, 26, 702-709.	4.3	460
15	Associations of whole-grain, refined-grain, and fruit and vegetable consumption with risks of all-cause mortality and incident coronary artery disease and ischemic stroke: the Atherosclerosis Risk in Communities (ARIC) Study. American Journal of Clinical Nutrition, 2003, 78, 383-390.	2.2	444
16	Genomewide Association Studies of Stroke. New England Journal of Medicine, 2009, 360, 1718-1728.	13.9	420
17	Stroke Incidence and Mortality Trends in US Communities, 1987 to 2011. JAMA - Journal of the American Medical Association, 2014, 312, 259.	3.8	414
18	Prospective Study of Markers of Hemostatic Function With Risk of Ischemic Stroke. Circulation, 1999, 100, 736-742.	1.6	390

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19	Sleep and Sleep-disordered Breathing in Adults with Predominantly Mild Obstructive Airway Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 7-14.	2.5	369
20	Risk Factors for Ischemic Stroke Subtypes. <i>Stroke</i> , 2006, 37, 2493-2498.	1.0	329
21	Trends in Acute Coronary Heart Disease Mortality, Morbidity, and Medical Care From 1985 Through 1997. <i>Circulation</i> , 2001, 104, 19-24.	1.6	309
22	White Blood Cell Count and Incidence of Coronary Heart Disease and Ischemic Stroke and Mortality from Cardiovascular Disease in African-American and White Men and Women: Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2001, 154, 758-764.	1.6	302
23	Risk Factors for Intracerebral Hemorrhage in a Pooled Prospective Study. <i>Stroke</i> , 2007, 38, 2718-2725.	1.0	301
24	Hormone Replacement Therapy and Sleep-disordered Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1186-1192.	2.5	299
25	Differences between respondents and nonrespondents in a multicenter community-based study vary by gender and ethnicity. <i>Journal of Clinical Epidemiology</i> , 1996, 49, 1441-1446.	2.4	292
26	Reliability of Scoring Respiratory Disturbance Indices and Sleep Staging. <i>Sleep</i> , 1998, 21, 749-757.	0.6	291
27	Plasma Lipid Profile and Incident Ischemic Stroke. <i>Stroke</i> , 2003, 34, 623-631.	1.0	279
28	Classification of Heart Failure in the Atherosclerosis Risk in Communities (ARIC) Study. <i>Circulation: Heart Failure</i> , 2012, 5, 152-159.	1.6	278
29	Triggering of Nocturnal Arrhythmias by Sleep-Disordered Breathing Events. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1797-1804.	1.2	246
30	Correlates of Cognitive Function in Middle-Aged Adults. <i>Gerontology</i> , 1998, 44, 95-105.	1.4	237
31	Performance of American Thoracic Society-Recommended Spirometry Reference Values in a Multiethnic Sample of Adults. <i>Chest</i> , 2010, 137, 138-145.	0.4	214
32	Prediction of Incident Heart Failure in General Practice. <i>Circulation: Heart Failure</i> , 2012, 5, 422-429.	1.6	185
33	Dietary n-3 Polyunsaturated Fatty Acids and Smoking-Related Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 1994, 331, 228-233.	13.9	182
34	Sleep and Reported Daytime Sleepiness in Normal Subjects: the Sleep Heart Health Study. <i>Sleep</i> , 2004, 27, 293-298.	0.6	169
35	Trends in Hospitalizations and Survival of Acute Decompensated Heart Failure in Four US Communities (2005-2014). <i>Circulation</i> , 2018, 138, 12-24.	1.6	160
36	Familial History of Stroke and Stroke Risk. <i>Stroke</i> , 1997, 28, 1908-1912.	1.0	154

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37	Prediction of Ischemic Stroke Risk in the Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2004, 160, 259-269.	1.6	145
38	Serum uric acid and risk of ischemic stroke: The ARIC Study. <i>Atherosclerosis</i> , 2006, 187, 401-407.	0.4	137
39	Electrocardiographic Findings in a Healthy Biracial Population. <i>American Journal of Cardiology</i> , 1998, 81, 453-459.	0.7	134
40	Association of physical activity with sleep-disordered breathing. <i>Sleep and Breathing</i> , 2007, 11, 149-157.	0.9	132
41	Obstructive sleep apnea and incident type 2 diabetes. <i>Sleep Medicine</i> , 2016, 25, 156-161.	0.8	125
42	Physical Activity and Ischemic Stroke Risk. <i>Stroke</i> , 1999, 30, 1333-1339.	1.0	124
43	Glycaemia (haemoglobin A1c) and incident ischaemic stroke: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Lancet Neurology</i> , The, 2005, 4, 821-826.	4.9	124
44	HDL-Cholesterol and Incidence of Breast Cancer in the ARIC Cohort Study. <i>Annals of Epidemiology</i> , 2008, 18, 671-677.	0.9	122
45	Sleep characteristics and risk of dementia and Alzheimer's disease: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , 2018, 14, 157-166.	0.4	122
46	Improved Survival of Stroke Patients During the 1980s. <i>Stroke</i> , 1995, 26, 1-6.	1.0	121
47	Serum Insulin and Glucose Levels and Breast Cancer Incidence: The Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2002, 156, 349-352.	1.6	113
48	Fifteen-Year Trends in Cardiovascular Risk Factors (1980-1982 through 1995-1997): The Minnesota Heart Survey. <i>American Journal of Epidemiology</i> , 2002, 156, 929-935.	1.6	109
49	Airflow obstruction, lung function, and risk of incident heart failure: the Atherosclerosis Risk in Communities (ARIC) study. <i>European Journal of Heart Failure</i> , 2012, 14, 414-422.	2.9	98
50	Incidence and Survival of Hospitalized Acute Decompensated Heart Failure in Four US Communities (from the Atherosclerosis Risk in Communities Study). <i>American Journal of Cardiology</i> , 2014, 113, 504-510.	0.7	90
51	Lung Function and Ischemic Stroke Incidence. <i>Chest</i> , 2006, 130, 1642-1649.	0.4	89
52	Validity of Hospital Discharge Diagnosis Codes for Stroke. <i>Stroke</i> , 2014, 45, 3219-3225.	1.0	88
53	Measures of cognitive function in persons with varying degrees of sleep-disordered breathing: the Sleep Heart Health Study. <i>Journal of Sleep Research</i> , 2002, 11, 265-272.	1.7	83
54	Hospitalized heart failure: rates and long-term mortality. <i>Journal of Cardiac Failure</i> , 2004, 10, 374-379.	0.7	80

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55	Patterns of aspirin use in middle-aged adults: The atherosclerosis risk in communities (ARIC) study. <i>American Heart Journal</i> , 1996, 131, 915-922.	1.2	79
56	Plasma D-Dimer and Incident Ischemic Stroke and Coronary Heart Disease. <i>Stroke</i> , 2016, 47, 18-23.	1.0	73
57	Orthostatic Hypotension as a Risk Factor for Incident Heart Failure. <i>Hypertension</i> , 2012, 59, 913-918.	1.3	72
58	Premature Ventricular Complexes and the Risk of Incident Stroke. <i>Stroke</i> , 2010, 41, 588-593.	1.0	66
59	Relation of Ventricular Premature Complexes to Heart Failure (from the Atherosclerosis Risk In Communities Study). <i>Circulation</i> , 2010, 121, 1077-1083.	0.7	66
60	Longitudinal Evaluation of Sleep-Disordered Breathing and Sleep Symptoms with Change in Quality of Life: The Sleep Heart Health Study (SHHS). <i>Sleep</i> , 2009, 32, 1049-1057.	0.6	65
61	Meta-Analysis of Genome-Wide Association Studies Identifies Genetic Risk Factors for Stroke in African Americans. <i>Stroke</i> , 2015, 46, 2063-2068.	1.0	63
62	Predicting Stroke Through Genetic Risk Functions. <i>Stroke</i> , 2014, 45, 403-412.	1.0	62
63	Objectively measured sleep characteristics and prevalence of coronary artery calcification: the Multi-Ethnic Study of Atherosclerosis Sleep study. <i>Thorax</i> , 2015, 70, 880-887.	2.7	62
64	Obstructive Sleep Apnea and 15-Year Cognitive Decline: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Sleep</i> , 2016, 39, 309-316.	0.6	62
65	A Popperian perspective of the term "evidence-based medicine". <i>Journal of Evaluation in Clinical Practice</i> , 1997, 3, 109-116.	0.9	59
66	Docosahexaenoic Acid and Smoking-Related Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 159, 1780-1785.	2.5	59
67	Relation of sleep-disordered breathing to carotid plaque and intima-media thickness. <i>Atherosclerosis</i> , 2008, 197, 125-131.	0.4	51
68	Carotid Artery Wall Thickness and Risk of Stroke Subtypes. <i>Stroke</i> , 2011, 42, 397-403.	1.0	44
69	Baldness and Myocardial Infarction in Men: The Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2007, 167, 676-683.	1.6	38
70	Obstructive Sleep Apnea and Progression of Coronary Artery Calcium: The Multi-Ethnic Study of Atherosclerosis Study. <i>Journal of the American Heart Association</i> , 2014, 3, e001241.	1.6	37
71	Association of sleep apnea and sleep duration with peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2016, 251, 467-475.	0.4	37
72	Sleep Apnea, Sleep Duration and Brain MRI Markers of Cerebral Vascular Disease and Alzheimer's Disease: The Atherosclerosis Risk in Communities Study (ARIC). <i>PLoS ONE</i> , 2016, 11, e0158758.	1.1	37

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73	Hemostatic and Inflammatory Risk Factors for Intracerebral Hemorrhage in a Pooled Cohort. <i>Stroke</i> , 2008, 39, 2268-2273.	1.0	36
74	Association between Physical Activity and Risk of Stroke Subtypes: The Atherosclerosis Risk in Communities Study. <i>Neuroepidemiology</i> , 2013, 40, 109-116.	1.1	36
75	Depressive Symptoms and Risk of Cardiovascular Events in Blacks. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, 552-559.	0.9	36
76	Stroke Rates During the 1980s. <i>Stroke</i> , 1997, 28, 275-279.	1.0	33
77	Polysomnographic Predictors of Blood Pressure and Hypertension: Is One Index Best?. <i>Sleep</i> , 2005, 28, 1122-1130.	0.6	32
78	Genetic ancestry and the relationship of cigarette smoking to lung function and per cent emphysema in four race/ethnic groups: a cross-sectional study. <i>Thorax</i> , 2013, 68, 634-642.	2.7	30
79	Apnea-hypopnea index: time to wake up. <i>Nature and Science of Sleep</i> , 2014, 6, 51.	1.4	30
80	The role of stroke attack rate and case fatality in the decline of stroke mortality The Minnesota heart survey. <i>Annals of Epidemiology</i> , 1993, 3, 483-487.	0.9	29
81	The association of lipoprotein(a) with incident heart failure hospitalization: Atherosclerosis Risk in Communities study. <i>Atherosclerosis</i> , 2017, 262, 131-137.	0.4	29
82	Family History of Coronary Heart Disease and Hemostatic Variables in Middle-Aged Adults. <i>Thrombosis and Haemostasis</i> , 1997, 77, 087-093.	1.8	29
83	Comparison of Medical Care and One- and 12-Month Mortality of Hospitalized Patients With Acute Myocardial Infarction in Minneapolis-St. Paul, Minnesota, United States of America and Gteborg, Sweden. <i>American Journal of Cardiology</i> , 1997, 80, 557-562.	0.7	28
84	Sleep-Disordered Breathing is not Associated with the Presence of Retinal Microvascular Abnormalities: The Sleep Heart Health Study. <i>Sleep</i> , 2004, 27, 467-473.	0.6	25
85	Midlife Alcohol Consumption and the Risk of Stroke in the Atherosclerosis Risk in Communities Study. <i>Stroke</i> , 2015, 46, 3124-3130.	1.0	24
86	Migraine Age of Onset and Association With Ischemic Stroke in Late Life: 20 Years Follow-up in ARIC. <i>Headache</i> , 2019, 59, 556-566.	1.8	23
87	Causal diagrams for encoding and evaluation of information bias. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 436-440.	0.9	22
88	Evidence-based medicine: a new paradigm or the Emperor's new clothes?. <i>Journal of Evaluation in Clinical Practice</i> , 1998, 4, 277-282.	0.9	20
89	Separate prediction of intracerebral hemorrhage and ischemic stroke. <i>Neurology</i> , 2014, 82, 1804-1812.	1.5	20
90	The Association of Body Mass Index With Health Outcomes: Causal, Inconsistent, or Confounded?. <i>American Journal of Epidemiology</i> , 2009, 170, 957-958.	1.6	18

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91	Prognostic Value of a Novel Classification Scheme for Heart Failure: The Minnesota Heart Failure Criteria. <i>American Journal of Epidemiology</i> , 2006, 164, 184-193.	1.6	17
92	Estimating causal parameters without target populations. <i>Journal of Evaluation in Clinical Practice</i> , 2007, 13, 814-816.	0.9	17
93	Causal diagrams and change variables. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 143-148.	0.9	16
94	On the causal structure of information bias and confounding bias in randomized trials. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 1214-1216.	0.9	15
95	Classification of Acute Decompensated Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 719-726.	1.6	15
96	A comparative analysis of risk factors for stroke in blacks and whites: the Atherosclerosis Risk in Communities study. <i>Ethnicity and Health</i> , 2014, 19, 601-616.	1.5	14
97	On morality and logic in medical practice: commentary on "A critical appraisal of evidence-based medicine: some ethical considerations" (Gupta 2003). <i>Journal of Evaluation in Clinical Practice</i> , 2003, 9, 133-135.	0.9	12
98	Causal diagrams and the logic of matched case-control studies. <i>Clinical Epidemiology</i> , 2012, 4, 137.	1.5	12
99	Associations of NIN2 Sequence Variants with Incident Ischemic Stroke in the Cohorts for Heart and Aging in Genomic Epidemiology (CHARGE) Consortium. <i>PLoS ONE</i> , 2014, 9, e99798.	1.1	11
100	Dietary n-3 Polyunsaturated Acids and Smoking-Related Chronic Obstructive Pulmonary Disease. <i>American Journal of Epidemiology</i> , 2008, 168, 796-801.	1.6	10
101	Are Lung Disease and Function Related to Age-Related Macular Degeneration?. <i>American Journal of Ophthalmology</i> , 2011, 151, 375-379.	1.7	10
102	Carotid Intima-Media Thickness, Electrocardiographic Left Ventricular Hypertrophy, and Incidence of Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 3075-3079.	1.0	10
103	Post menopausal hormones and measures of subclinical atherosclerosis: The multi-ethnic study of atherosclerosis. <i>Preventive Medicine</i> , 2008, 47, 38-45.	1.6	8
104	A method to detect an unknown confounder: something from nothing?. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 702-703.	0.9	7
105	Generalizability: beyond plausibility and handwaving. <i>Journal of Evaluation in Clinical Practice</i> , 2003, 9, 151-159.	0.9	6
106	Historical trends in survival of hospitalized heart failure patients: 2000 versus 1995. <i>BMC Cardiovascular Disorders</i> , 2007, 7, 2.	0.7	6
107	Causal diagrams, the placebo effect, and the expectation effect. <i>International Journal of General Medicine</i> , 2013, 6, 821.	0.8	6
108	Trends in medical care of hospitalized stroke patients between 1980 and 1990: The minnesota stroke survey. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1998, 7, 76-84.	0.7	5

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109	Commentary: interpreting the interpretation. Journal of Evaluation in Clinical Practice, 2007, 13, 693-694.	0.9	5
110	Evaluating the effect of change on change: a different viewpoint. Journal of Evaluation in Clinical Practice, 2009, 15, 204-207.	0.9	5
111	Metabolic syndrome? A critical look from the viewpoints of causal diagrams and statistics. Journal of Cardiovascular Medicine, 2010, 11, 772-779.	0.6	5
112	Marginal structural models: much ado about (almost) nothing. Journal of Evaluation in Clinical Practice, 2013, 19, 214-222.	0.9	5
113	A new criterion for confounder selection? Neither a confounder nor science. Journal of Evaluation in Clinical Practice, 2013, 19, 984-986.	0.9	3
114	On editorial practice and peer review. Journal of Evaluation in Clinical Practice, 2007, 13, 699-701.	0.9	2
115	Making sense of health statistics?. Journal of Evaluation in Clinical Practice, 2009, 15, 1217-1219.	0.9	2
116	Fish Consumption May Limit the Damage of Smoking on the Lung: To the Editor. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 1688-1688.	2.5	1
117	Forced Expiratory Volume in the First Second and Aldosterone as Mediators of Smoking Effect on Stroke in African Americans: The Jackson Heart Study. Journal of the American Heart Association, 2016, 5, .	1.6	1
118	Response to the Association Between Orthostatic Hypotension and Nocturnal Blood Pressure May Explain the Risk for Heart Failure. Hypertension, 2012, 60, .	1.3	0
119	Causal diagrams, gastroesophageal reflux and erosive oesophagitis. Journal of Evaluation in Clinical Practice, 2013, 19, 976-983.	0.9	0
120	Reflux, Barrett's esophagus and esophageal adenocarcinoma. Scandinavian Journal of Gastroenterology, 2014, 49, 1499-1500.	0.6	0
121	Temporal trends in validated ischaemic stroke hospitalizations in the USA. International Journal of Epidemiology, 2019, 48, 994-1003.	0.9	0
122	Plasma Lipids, Lipoproteins, and Apolipoproteins and Incident Ischemic Stroke:. Circulation, 2001, 103, 1363-1363.	1.6	0