

Alaa Badawi

List of Publications by Year in descending order

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69
papers

17,509
citations

172457

29
h-index

128289

60
g-index

70
all docs

70
docs citations

70
times ranked

35651
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , The, 2016, 388, 1545-1602.	13.7	5,298
2	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet</i> , The, 2015, 386, 743-800.	13.7	4,951
3	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	7.1	1,691
4	Global, regional, and national levels and causes of maternal mortality during 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet</i> , The, 2014, 384, 980-1004.	13.7	1,230
5	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet</i> , The, 2014, 384, 1005-1070.	13.7	786
6	Prevalence of comorbidities in the Middle East respiratory syndrome coronavirus (MERS-CoV): a systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2016, 49, 129-133.	3.3	558
7	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet</i> , The, 2017, 390, 1423-1459.	13.7	284
8	The state of health in the Arab world, 1990–2010: an analysis of the burden of diseases, injuries, and risk factors. <i>Lancet</i> , The, 2014, 383, 309-320.	13.7	281
9	Comprehensive Profiling of Plasma Fatty Acid Concentrations in Young Healthy Canadian Adults. <i>PLoS ONE</i> , 2015, 10, e0116195.	2.5	250
10	Global Cardiovascular and Renal Outcomes of Reduced GFR. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2167-2179.	6.1	194
11	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
12	Health in times of uncertainty in the eastern Mediterranean region, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>The Lancet Global Health</i> , 2016, 4, e704-e713.	6.3	147
13	Global, regional, and national burden of tuberculosis, 1990–2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1329-1349.	9.1	144
14	Type 2 diabetes mellitus and inflammation: Prospects for biomarkers of risk and nutritional intervention. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2010, 3, 173.	2.4	108
15	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	2.4	103
16	The Burden of Mental Disorders in the Eastern Mediterranean Region, 1990-2013. <i>PLoS ONE</i> , 2017, 12, e0169575.	2.5	102
17	Type 2 diabetes mellitus and inflammation: Prospects for biomarkers of risk and nutritional intervention. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 3, 173-186.	2.4	94
18	Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i46-i56.	2.4	86

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19	Burden of musculoskeletal disorders in the Eastern Mediterranean Region, 1990â€“2013: findings from the Global Burden of Disease Study 2013. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1365-1373.	0.9	81
20	C-reactive protein as a biomarker of severe H1N1 influenza. <i>Inflammation Research</i> , 2019, 68, 39-46.	4.0	68
21	Prevalence of Diabetes in the 2009 Influenza A (H1N1) and the Middle East Respiratory Syndrome Coronavirus: A Systematic Review and Meta-Analysis. <i>Journal of Public Health Research</i> , 2016, 5, jphr.2016.733.	1.2	67
22	Plasma vitamin D levels and risk of metabolic syndrome in Canadians. <i>Clinical and Investigative Medicine</i> , 2011, 34, 377.	0.6	66
23	Effect of vitamin D supplementation on oral glucose tolerance in individuals with low vitamin D status and increased risk for developing type 2 diabetes (<scp>EVIDENCE</scp>): A double-blind, randomized, placebo-controlled clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 133-141.	4.4	63
24	A Distinct Fatty Acid Profile Underlies the Reduced Inflammatory State of Metabolically Healthy Obese Individuals. <i>PLoS ONE</i> , 2014, 9, e88539.	2.5	56
25	Prevalence of chronic comorbidities in dengue fever and West Nile virus: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0200200.	2.5	56
26	Prevalence of Vitamin D Insufficiency in Qatar: A Systematic Review. <i>Journal of Public Health Research</i> , 2012, 1, jphr.2012.e36.	1.2	47
27	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	2.4	44
28	Prevalence of chronic comorbidities in chikungunya: A systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2018, 67, 107-113.	3.3	40
29	Relationship between insulin resistance and plasma vitamin D in adults. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2014, 7, 297.	2.4	35
30	Ethnicity, sex, FADS genetic variation, and hormonal contraceptive use influence delta-5- and delta-6-desaturase indices and plasma docosahexaenoic acid concentration in young Canadian adults: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2015, 12, 14.	3.0	33
31	Maternal infection with Zika virus and prevalence of congenital disorders in infants: systematic review and meta-analysis. <i>Canadian Journal of Public Health</i> , 2019, 110, 638-648.	2.3	33
32	Novel Approach to Identify Potential Bioactive Plant Metabolites: Pharmacological and Metabolomics Analyses of Ethanol and Hot Water Extracts of Several Canadian Medicinal Plants of the Cree of Eeyou Istchee. <i>PLoS ONE</i> , 2015, 10, e0135721.	2.5	30
33	Burden of Diarrhea in the Eastern Mediterranean Region, 1990â€“2013: Findings from the Global Burden of Disease Study 2013. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 1319-1329.	1.4	27
34	The association between obesity, cardiometabolic disease biomarkers, and innate immunity-related inflammation in Canadian adults. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2012, 5, 347.	2.4	25
35	The Action of Antidiabetic Plants of the Canadian James Bay Cree Traditional Pharmacopeia on Key Enzymes of Hepatic Glucose Homeostasis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	23
36	Comprehensive Evidence-Based Assessment and Prioritization of Potential Antidiabetic Medicinal Plants: A Case Study from Canadian Eastern James Bay Cree Traditional Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-14.	1.2	22

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37	Cardiovascular disease risk in patients with hepatitis C infection: Results from two general population health surveys in Canada and the United States (2007-2017). <i>PLoS ONE</i> , 2018, 13, e0208839.	2.5	22
38	Association between circulating ascorbic acid, $\hat{\alpha}$ -tocopherol, 25-hydroxyvitamin D, and plasma cytokine concentrations in young adults: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2012, 9, 102.	3.0	19
39	The Global Relationship Between the Prevalence of Diabetes Mellitus and Incidence of Tuberculosis: 2000-2012. <i>Global Journal of Health Science</i> , 2014, 7, 183-91.	0.2	19
40	Plasma concentration of cis 9trans 11 CLA in males and females is influenced by SCD1 genetic variations and hormonal contraceptives: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2013, 10, 50.	3.0	16
41	Ethnic- and sex-specific associations between plasma fatty acids and markers of insulin resistance in healthy young adults. <i>Nutrition and Metabolism</i> , 2013, 10, 42.	3.0	15
42	<p>Hypercytokinemia and Pathogen"Host Interaction in COVID-19</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 255-261.	3.5	14
43	Toll-like receptor cascade and gene polymorphism in host–pathogen interaction in Lyme disease. <i>Journal of Inflammation Research</i> , 2016, 9, 91.	3.5	13
44	Association between the plasma proteome and plasma $\hat{\alpha}$ -tocopherol concentrations in humans. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 396-400.	4.2	12
45	Associations of circulating 25(OH)D with cardiometabolic disorders underlying type 2 diabetes mellitus in an Aboriginal Canadian community. <i>Diabetes Research and Clinical Practice</i> , 2015, 109, 440-449.	2.8	12
46	The Potential of Omics Technologies in Lyme Disease Biomarker Discovery and Early Detection. <i>Infectious Diseases and Therapy</i> , 2017, 6, 85-102.	4.0	11
47	Genetic Variation in the Vitamin D Receptor, Plasma 25-Hydroxyvitamin D, and Biomarkers of Cardiometabolic Disease in Caucasian Young Adults. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013, 6, 256-267.	1.3	9
48	Traditional foods and 25(OH)D concentrations in a subarctic First Nations community. <i>International Journal of Circumpolar Health</i> , 2016, 75, 31956.	1.2	8
49	Bayesian network modelling study to identify factors influencing the risk of cardiovascular disease in Canadian adults with hepatitis C virus infection. <i>BMJ Open</i> , 2020, 10, e035867.	1.9	8
50	Positive Association Between 25-Hydroxyvitamin D and C-Reactive Protein is Confounded by Hormonal Contraceptive Use. <i>Journal of Women's Health</i> , 2013, 22, 417-425.	3.3	7
51	A systematic review and meta-analysis for the adverse effects, immunogenicity and efficacy of Lyme disease vaccines: Guiding novel vaccine development. <i>Canadian Journal of Public Health</i> , 2017, 108, e62-e70.	2.3	7
52	The Association between Plasma Omega-6/Omega-3 Ratio and Anthropometric Traits Differs by Racial/Ethnic Groups and NFKB1 Genotypes in Healthy Young Adults. <i>Journal of Personalized Medicine</i> , 2019, 9, 13.	2.5	7
53	Comparative profile for COVID-19 cases from China and North America: Clinical symptoms, comorbidities and disease biomarkers. <i>World Journal of Clinical Cases</i> , 2021, 9, 118-132.	0.8	6
54	Change in the structures, dynamics and disease-related mortality rates of the population of Qatari nationals: 2007"2011. <i>Journal of Epidemiology and Global Health</i> , 2014, 4, 277.	2.9	5

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55	Convergence of chronic and infectious diseases: a new direction in public health policy. Canadian Journal of Public Health, 2019, 110, 523-524.	2.3	4
56	Circulating concentrations and relative percent composition of trans fatty acids in healthy Canadian young adults between 2004 and 2010: a cross-sectional study. CMAJ Open, 2017, 5, E130-E136.	2.4	3
57	Metabolites of prostaglandin synthases as potential biomarkers of Lyme disease severity and symptom resolution. Inflammation Research, 2019, 68, 7-17.	4.0	2
58	Biologic Markers of Antibiotic-Refractory Lyme Arthritis in Human: A Systematic Review. Infectious Diseases and Therapy, 2019, 8, 5-22.	4.0	2
59	The modifying effect of nutritional factors on the association between IL1-Î² single nucleotide polymorphism and serum CXCL10 levels in young Canadian adults. Nutrition and Health, 2020, 26, 151-159.	1.5	1
60	Obesity and Prevalence of Latent Tuberculosis: A Population-Based Survey. Infectious Diseases: Research and Treatment, 2021, 14, 117863372199460.	1.7	1
61	Artificial neural network to predict the effect of obesity on the risk of tuberculosis infection. Journal of Public Health Research, 2021, 10, .	1.2	1
62	Association between the plasma proteome and plasma alfatocopherol concentrations in humans. FASEB Journal, 2012, 26, 1017.10.	0.5	1
63	Vitamin D status and plasma proteomic profiles. FASEB Journal, 2011, 25, 984.3.	0.5	0
64	Vitamin D status in an ethnically diverse population of young Canadian adults. FASEB Journal, 2011, 25, 996.17.	0.5	0
65	Association between obesity, cardiometabolic disease biomarkers and innate immunity-related inflammation: Relevance of vitamin D.. , 2012, , .		0
66	Association between the plasma proteome and serum ascorbic acid concentrations in humans. FASEB Journal, 2012, 26, .	0.5	0
67	Genetic variation in the vitamin D receptor (VDR) and the plasma proteome. FASEB Journal, 2012, 26, 1012.6.	0.5	0
68	Plasma vitamin D, hormonal contraceptive use, and biomarkers of cardiometabolic disease. FASEB Journal, 2013, 27, 347.3.	0.5	0
69	Associations of total, bioavailable, and free 25(OH)D concentrations with insulin resistance and beta cell function in an Aboriginal Canadian community (628.5). FASEB Journal, 2014, 28, 628.5.	0.5	0