

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	Obesity and Prevalence of Latent Tuberculosis: A Population-Based Survey. <i>Infectious Diseases: Research and Treatment</i> , 2021, 14, 117863372199460.	1.7	1
2	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
3	Artificial neural network to predict the effect of obesity on the risk of tuberculosis infection. <i>Journal of Public Health Research</i> , 2021, 10, .	1.2	1
4	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
5	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
6	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
7	<p>Hypercytokinemia and Pathogenâ€™Host Interaction in COVID-19</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 255-261.	3.5	14
8	The modifying effect of nutritional factors on the association between IL1-Î² single nucleotide polymorphism and serum CXCL10 levels in young Canadian adults. <i>Nutrition and Health</i> , 2020, 26, 151-159.	1.5	1
9	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
10	Metabolites of prostaglandin synthases as potential biomarkers of Lyme disease severity and symptom resolution. <i>Inflammation Research</i> , 2019, 68, 7-17.	4.0	2
11	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
12	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
13	Convergence of chronic and infectious diseases: a new direction in public health policy. <i>Canadian Journal of Public Health</i> , 2019, 110, 523-524.	2.3	4
14	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
15	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
16	Biologic Markers of Antibiotic-Refractory Lyme Arthritis in Human: A Systematic Review. <i>Infectious Diseases and Therapy</i> , 2019, 8, 5-22.	4.0	2
17	C-reactive protein as a biomarker ofÂsevere H1N1 influenza. <i>Inflammation Research</i> , 2019, 68, 39-46.	4.0	68
18	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

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19	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
20	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
21	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
22	Burden of musculoskeletal disorders in the Eastern Mediterranean Region, 1990–2013: findings from the Global Burden of Disease Study 2013. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1365-1373.	0.9	81
23	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
24	Circulating concentrations and relative percent composition of trans fatty acids in healthy Canadian young adults between 2004 and 2010: a cross-sectional study. <i>CMAJ Open</i> , 2017, 5, E130-E136.	2.4	3
25	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
26	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
27	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
28	The Burden of Mental Disorders in the Eastern Mediterranean Region, 1990-2013. <i>PLoS ONE</i> , 2017, 12, e0169575.	2.5	102
29	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
30	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
31	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
32	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
33	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
34	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
35	Burden of Diarrhea in the Eastern Mediterranean Region, 1990–2013: 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
36	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

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37	Comprehensive Profiling of Plasma Fatty Acid Concentrations in Young Healthy Canadian Adults. PLoS ONE, 2015, 10, e0116195.	2.5	250
38	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. PLoS ONE, 2015, 10, e0135721.	2.5	30
39	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
40	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. Nutrition and Metabolism, 2015, 12, 14.	3.0	33
41	Associations of circulating 25(OH)D with cardiometabolic disorders underlying type 2 diabetes mellitus in an Aboriginal Canadian community. Diabetes Research and Clinical Practice, 2015, 109, 440-449.	2.8	12
42	A Distinct Fatty Acid Profile Underlies the Reduced Inflammatory State of Metabolically Healthy Obese Individuals. PLoS ONE, 2014, 9, e88539.	2.5	56
43	The Global Relationship Between the Prevalence of Diabetes Mellitus and Incidence of Tuberculosis: 2000-2012. Global Journal of Health Science, 2014, 7, 183-91.	0.2	19
44	The state of health in the Arab world, 1990â€“2010: an analysis of the burden of diseases, injuries, and risk factors. Lancet, The, 2014, 383, 309-320.	13.7	281
45	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 1005-1070.	13.7	786
46	Global, regional, and national levels and causes of maternal mortality during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 980-1004.	13.7	1,230
47	Change in the structures, dynamics and disease-related mortality rates of the population of Qatari nationals: 2007â€“2011. Journal of Epidemiology and Global Health, 2014, 4, 277.	2.9	5
48	Relationship between insulin resistance and plasma vitamin D in adults. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2014, 7, 297.	2.4	35
49	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
50	Plasma concentration of cis 9trans 11 CLA in males and females is influenced by SCD1 genetic variations and hormonal contraceptives: a cross-sectional study. Nutrition and Metabolism, 2013, 10, 50.	3.0	16
51	Ethnic- and sex-specific associations between plasma fatty acids and markers of insulin resistance in healthy young adults. Nutrition and Metabolism, 2013, 10, 42.	3.0	15
52	Association between the plasma proteome and plasma Î±-tocopherol concentrations in humans. Journal of Nutritional Biochemistry, 2013, 24, 396-400.	4.2	12
53	Genetic Variation in the Vitamin D Receptor, Plasma 25-Hydroxyvitamin D, and Biomarkers of Cardiometabolic Disease in Caucasian Young Adults. Journal of Nutrigenetics and Nutrigenomics, 2013, 6, 256-267.	1.3	9
54	The Action of Antidiabetic Plants of the Canadian James Bay Cree Traditional Pharmacopeia on Key Enzymes of Hepatic Glucose Homeostasis. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	23

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55	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
56	Plasma vitamin D, hormonal contraceptive use, and biomarkers of cardiometabolic disease. <i>FASEB Journal</i> , 2013, 27, 347.3.	0.5	0
57	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
58	Association between circulating ascorbic acid, α -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
59	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
60	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
61	Association between obesity, cardiometabolic disease biomarkers and innate immunity-related inflammation: Relevance of vitamin D.. , 2012, , .		0
62	Association between the plasma proteome and plasma alphas-tocopherol concentrations in humans. <i>FASEB Journal</i> , 2012, 26, 1017.10.	0.5	1
63	Association between the plasma proteome and serum ascorbic acid concentrations in humans. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
64	Genetic variation in the vitamin D receptor (VDR) and the plasma proteome. <i>FASEB Journal</i> , 2012, 26, 1012.6.	0.5	0
65	Plasma vitamin D levels and risk of metabolic syndrome in Canadians. <i>Clinical and Investigative Medicine</i> , 2011, 34, 377.	0.6	66
66	Vitamin D status and plasma proteomic profiles. <i>FASEB Journal</i> , 2011, 25, 984.3.	0.5	0
67	Vitamin D status in an ethnically diverse population of young Canadian adults. <i>FASEB Journal</i> , 2011, 25, 996.17.	0.5	0
68	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
69	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