

# Alaa Alkerwi

## List of Publications by Year in Descending Order

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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.

85  
papers

49,352  
citations

47  
h-index

88  
g-index

88  
ext. papers

64,435  
ext. citations

17.8  
avg, IF

7.29  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 85 | Dietary patterns and type 2 diabetes relationship to metabolic syndrome and inflammation <b>2022</b> , 261-366  |      | 0         |
| 84 | Mapping the burden of diabetes in five small countries in Europe and setting the agenda for health policy and strategic action. <i>Health Research Policy and Systems</i> , <b>2021</b> , 19, 43  | 3.7  | 3         |
| 83 | Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , <b>2021</b> , 10,  | 8.9  | 10        |
| 82 | Objective and subjective sleep measures are associated with HbA1c and insulin sensitivity in the general population: Findings from the ORISCAV-LUX-2 study. <i>Diabetes and Metabolism</i> , <b>2021</b> , 48, 101263   | 5.4  | 0         |
| 81 | Population-based biomonitoring of exposure to persistent and non-persistent organic pollutants in the Grand Duchy of Luxembourg: Results from hair analysis. <i>Environment International</i> , <b>2021</b> , 153, 106526   | 12.9 | 5         |
| 80 | Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , <b>2021</b> , 398, 957-980   | 40   | 154       |
| 79 | Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet, The</i> , <b>2020</b> , 396, 1511-1524  | 40   | 73        |
| 78 | Challenges and benefits of integrating diverse sampling strategies in the observation of cardiovascular risk factors (ORISCAV-LUX 2) study. <i>BMC Medical Research Methodology</i> , <b>2019</b> , 19, 27  | 4.7  | 6         |
| 77 | Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015. <i>Lancet, The</i> , <b>2018</b> , 391, 1799-1829   | 40   | 95        |
| 76 | Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40. <i>Lancet, The</i> , <b>2018</b> , 391, 1783-1798   | 40   | 121       |
| 75 | Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 872-883i                      | 7.8  | 40        |
| 74 | Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2018</b> , 392, 1015-1035   | 40   | 1171      |
| 73 | Reply-Letter to the Editor - Smoking status is inversely associated with overall diet quality: Findings from the ORISCAV-LUX study. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 761-762   | 5.9  | 2         |
| 72 | Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1684-1735  | 40   | 483       |
| 71 | Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1736-1788   | 40   | 2850      |
| 70 | Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1923-1994 | 40   | 1964      |
| 69 | Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1995-2051  | 40   | 189       |

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|----|---|------|------|
| 68 | Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1789-1858                    | 40   | 4524 |
| 67 | Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 2091-2138                        | 40   | 210  |
| 66 | Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1859-1922 | 40   | 1283 |
| 65 | Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2018</b> , 391, 2236-2271  | 40   | 381  |
| 64 | Hypothalamic-pituitary-adrenal-axis dysregulation and double product increases potentiate ischemic heart disease risk in a Black male cohort: the SABPA study. <i>Hypertension Research</i> , <b>2017</b> , 40, 590-597   | 4.7  | 10   |
| 63 | Future and potential spending on health 2015-40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. <i>Lancet, The</i> , <b>2017</b> , 389, 2005-2030  | 40   | 120  |
| 62 | Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. <i>Lancet, The</i> , <b>2017</b> , 389, 1981-2004  | 40   | 152  |
| 61 | Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2017</b> , 390, 231-266   | 40   | 352  |
| 60 | Health Effects of Overweight and Obesity in 195 Countries over 25 Years. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 13-27  | 59.2 | 3027 |
| 59 | Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , <b>2017</b> , 390, 2627-2642   | 40   | 2980 |
| 58 | Prevalence and related risk factors of chronic kidney disease among adults in Luxembourg: evidence from the observation of cardiovascular risk factors (ORISCAV-LUX) study. <i>BMC Nephrology</i> , <b>2017</b> , 18, 358   | 2.7  | 10   |
| 57 | Geographic Variations in Cardiometabolic Risk Factors in Luxembourg. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,   | 4.6  | 7    |
| 56 | Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1084-1150   | 40   | 421  |
| 55 | Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1260-1344 | 40   | 1152 |
| 54 | Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1151-1210  | 40   | 2542 |
| 53 | Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1211-1259                                    | 40   | 3432 |
| 52 | Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1345-1422                   | 40   | 1378 |
| 51 | 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, The</i> , <b>2017</b> , 390, 1423-1459  | 40   | 224  |

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| 50 | Stability-based validation of dietary patterns obtained by cluster analysis. <i>Nutrition Journal</i> , <b>2017</b> , 16, 4   | 4.3 | 15   |
| 49 | Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , <b>2017</b> , 389, 37-55   | 4.0 | 1100 |
| 48 | Smoking status is inversely associated with overall diet quality: Findings from the ORISCAV-LUX study. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 1275-1282  | 5.9 | 47   |
| 47 | Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. <i>Lancet HIV,the</i> , <b>2016</b> , 3, e361-e387   | 7.8 | 382  |
| 46 | Relation of Habitual Chocolate Consumption to Arterial Stiffness in a Community-Based Sample: Preliminary Findings. <i>Pulse</i> , <b>2016</b> , 4, 28-37   | 1.6 | 8    |
| 45 | Chocolate intake is associated with better cognitive function: The Maine-Syracuse Longitudinal Study. <i>Appetite</i> , <b>2016</b> , 100, 126-32   | 4.5 | 47   |
| 44 | Association of Empirically Derived Dietary Patterns with Cardiovascular Risk Factors: A Comparison of PCA and RRR Methods. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161298   | 3.7 | 18   |
| 43 | Effects of moderate beer consumption on health and disease: A consensus document. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2016</b> , 26, 443-67   | 4.5 | 124  |
| 42 | Daily chocolate consumption is inversely associated with insulin resistance and liver enzymes in the Observation of Cardiovascular Risk Factors in Luxembourg study. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 1661-8  | 3.6 | 21   |
| 41 | Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , <b>2016</b> , 387, 1513-1530   | 4.0 | 2039 |
| 40 | Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 1912 million participants. <i>Lancet, The</i> , <b>2016</b> , 387, 1377-1396  | 4.0 | 2787 |
| 39 | Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1775-1812  | 4.0 | 476  |
| 38 | Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1603-1658                 | 4.0 | 1216 |
| 37 | Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1459-1544                              | 4.0 | 3525 |
| 36 | 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, The</i> , <b>2016</b> , 388, 1545-1602                                    | 4.0 | 3801 |
| 35 | Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1659-1724 | 4.0 | 2431 |
| 34 | Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1725-1774                                    | 4.0 | 413  |
| 33 | Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , <b>2016</b> , 388, 1813-1850  | 4.0 | 302  |

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|----|---|------|-----|
| 32 | Cross-comparison of diet quality indices for predicting chronic disease risk: findings from the Observation of Cardiovascular Risk Factors in Luxembourg (ORISCAV-LUX) study. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 259-69 | 3.6  | 53  |
| 31 | The potential impact of animal protein intake on global and abdominal obesity: evidence from the Observation of Cardiovascular Risk Factors in Luxembourg (ORISCAV-LUX) study. <i>Public Health Nutrition</i> , <b>2015</b> , 18, 1831-8      | 3.3  | 22  |
| 30 | Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. <i>Lancet Diabetes and Endocrinology</i> , <b>2015</b> , 3, 624-37    | 18.1 | 109 |
| 29 | Tea, but not coffee consumption, is associated with components of arterial pressure. The Observation of Cardiovascular Risk Factors study in Luxembourg. <i>Nutrition Research</i> , <b>2015</b> , 35, 557-65                                 | 4    | 9   |
| 28 | Consumption of ready-made meals and increased risk of obesity: findings from the Observation of Cardiovascular Risk Factors in Luxembourg (ORISCAV-LUX) study. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 270-7                 | 3.6  | 32  |
| 27 | Physical activity, sedentary behavior time and lipid levels in the Observation of Cardiovascular Risk Factors in Luxembourg study. <i>Lipids in Health and Disease</i> , <b>2015</b> , 14, 87   | 4.4  | 34  |
| 26 | Association between nutritional awareness and diet quality: evidence from the observation of cardiovascular risk factors in Luxembourg (ORISCAV-LUX) study. <i>Nutrients</i> , <b>2015</b> , 7, 2823-38                                       | 6.7  | 33  |
| 25 | Diet Soft Drink Consumption is Associated with the Metabolic Syndrome: A Two Sample Comparison. <i>Nutrients</i> , <b>2015</b> , 7, 3569-86   | 6.7  | 22  |
| 24 | Prevalence and Correlates of Vitamin D Deficiency and Insufficiency in Luxembourg Adults: Evidence from the Observation of Cardiovascular Risk Factors (ORISCAV-LUX) Study. <i>Nutrients</i> , <b>2015</b> , 7, 6780-96                       | 6.7  | 16  |
| 23 | Intake of Lutein-Rich Vegetables Is Associated with Higher Levels of Physical Activity. <i>Nutrients</i> , <b>2015</b> , 7, 8058-71   | 6.7  | 5   |
| 22 | Adherence to physical activity recommendations and its associated factors: an interregional population-based study. <i>Journal of Public Health Research</i> , <b>2015</b> , 4, 406   | 2.2  | 19  |
| 21 | Demographic and socioeconomic disparity in nutrition: application of a novel Correlated Component Regression approach. <i>BMJ Open</i> , <b>2015</b> , 5, e006814   | 3    | 57  |
| 20 | Whole-fat dairy food intake is inversely associated with obesity prevalence: findings from the Observation of Cardiovascular Risk Factors in Luxembourg study. <i>Nutrition Research</i> , <b>2014</b> , 34, 936-43                           | 4    | 34  |
| 19 | No significant independent relationships with cardiometabolic biomarkers were detected in the Observation of Cardiovascular Risk Factors in Luxembourg study population. <i>Nutrition Research</i> , <b>2014</b> , 34, 1058-65                | 4    | 71  |
| 18 | Dairy food intake is positively associated with cardiovascular health: findings from Observation of Cardiovascular Risk Factors in Luxembourg study. <i>Nutrition Research</i> , <b>2014</b> , 34, 1036-44                                    | 4    | 21  |
| 17 | Diet quality concept. <i>Nutrition</i> , <b>2014</b> , 30, 613-8  | 4.8  | 79  |
| 16 | Association of sedentary behavior time with ideal cardiovascular health: the ORISCAV-LUX study. <i>PLoS ONE</i> , <b>2014</b> , 9, e99829   | 3.7  | 12  |
| 15 | Cardiovascular health: a cross-national comparison between the Maine Syracuse Study (Central New York, USA) and ORISCAV-LUX (Luxembourg). <i>BMC Public Health</i> , <b>2014</b> , 14, 253  | 4.1  | 16  |

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| 14 | Acute cardiometabolic responses facilitating a state of chronic hyperglycemia and renal impairment. <i>Cardiovascular Endocrinology</i> , <b>2014</b> , 3, 98-106  |     | 2   |
| 13 | Cardiovascular health and cognitive function: the Maine-Syracuse Longitudinal Study. <i>PLoS ONE</i> , <b>2014</b> , 9, e89317   | 3.7 | 64  |
| 12 | Use of food frequency questionnaire to assess relationships between dietary habits and cardiovascular risk factors in NESCAV study: validation with biomarkers. <i>Nutrition Journal</i> , <b>2013</b> , 12, 143-43    | 4.3 | 50  |
| 11 | Level of unawareness and management of diabetes, hypertension, and dyslipidemia among adults in Luxembourg: findings from ORISCAV-LUX study. <i>PLoS ONE</i> , <b>2013</b> , 8, e57920                                 | 3.7 | 23  |
| 10 | Contribution of violaxanthin, neoxanthin, phytoene and phytofluene to total carotenoid intake: Assessment in Luxembourg. <i>Journal of Food Composition and Analysis</i> , <b>2012</b> , 25, 56-65                     | 4.1 | 65  |
| 9  | Simultaneous determination of nicotine and PAH metabolites in human hair specimen: a potential methodology to assess tobacco smoke contribution in PAH exposure. <i>Toxicology Letters</i> , <b>2012</b> , 210, 211-44 | 4.4 | 17  |
| 8  | Acculturation, immigration status and cardiovascular risk factors among Portuguese immigrants to Luxembourg: findings from ORISCAV-LUX study. <i>BMC Public Health</i> , <b>2012</b> , 12, 864                         | 4.1 | 10  |
| 7  | Population compliance with national dietary recommendations and its determinants: findings from the ORISCAV-LUX study. <i>British Journal of Nutrition</i> , <b>2012</b> , 108, 2083-92                                | 3.6 | 25  |
| 6  | Dietary, behavioural and socio-economic determinants of the metabolic syndrome among adults in Luxembourg: findings from the ORISCAV-LUX study. <i>Public Health Nutrition</i> , <b>2012</b> , 15, 849-59              | 3.3 | 24  |
| 5  | Prevalence of the metabolic syndrome in Luxembourg according to the Joint Interim Statement definition estimated from the ORISCAV-LUX study. <i>BMC Public Health</i> , <b>2011</b> , 11, 4                            | 4.1 | 45  |
| 4  | Comparison of participants and non-participants to the ORISCAV-LUX population-based study on cardiovascular risk factors in Luxembourg. <i>BMC Medical Research Methodology</i> , <b>2010</b> , 10, 80                 | 4.7 | 51  |
| 3  | First nationwide survey on cardiovascular risk factors in Grand-Duchy of Luxembourg (ORISCAV-LUX). <i>BMC Public Health</i> , <b>2010</b> , 10, 468  | 4.1 | 53  |
| 2  | Nutrition, environment and cardiovascular health (NESCAV): protocol of an inter-regional cross-sectional study. <i>BMC Public Health</i> , <b>2010</b> , 10, 698   | 4.1 | 14  |
| 1  | Alcohol consumption and the prevalence of metabolic syndrome: a meta-analysis of observational studies. <i>Atherosclerosis</i> , <b>2009</b> , 204, 624-35   | 3.1 | 141 |