

# Kamarul Imran Musa

## List of Publications by Citations

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96  
papers

41,050  
citations

41  
h-index

121  
g-index

121  
ext. papers

60,582  
ext. citations

13.7  
avg, IF

7.32  
L-index

#	Paper	IF	Citations
96	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
95	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	40	3525
94	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
93	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
92	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 192 million participants. <i>Lancet, The</i> , <b>2016</b> , 387, 1377-1396 <sup>40</sup>	40	2787
91	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
90	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
89	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1204-1222	40	1847
88	Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1-25	15.1	1804
87	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
86	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
85	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
84	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
83	Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , <b>2019</b> , 18, 459-480	24.1	1093
82	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1223-1249	40	1013
81	Global, regional, and national burden of neurological disorders during 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet Neurology, The</i> , <b>2017</b> , 16, 877-897	24.1	984
80	Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2982-3021	15.1	922

79	Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015. <i>Lancet, The, 2017</i> , 389, 1885-1906	40	867
78	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. <i>New England Journal of Medicine, 2018</i> , 379, 2429-2437	59.2	495
77	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, 2018</i> , 392, 1684-1735	40	483
76	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The, 2019</i> , 18, 56-87	24.1	480
75	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, 2017</i> , 390, 1084-1150	40	421
74	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, 2018</i> , 391, 2236-2271	40	381
73	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, 2017</i> , 390, 231-266	40	352
72	Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the, 2020</i> , 8, 585-596	35.1	334
71	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The, 2016</i> , 388, 1813-1850	40	302
70	A century of trends in adult human height. <i>ELife, 2016</i> , 5,	8.9	260
69	Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology, The, 2021</i> , 20, 795-820	24.1	229
68	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The, 2020</i> , 396, 1160-1203	40	228
67	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, 2017</i> , 390, 1423-1459	40	224
66	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, 2018</i> , 392, 2091-2138	40	210
65	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, 2018</i> , 392, 1995-2051	40	189
64	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, 2021</i> , 398, 957-980	40	154
63	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The, 2020</i> , 396, 1135-1159	40	113
62	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, 2020</i> , 396, 1511-1524	40	73

61	Standardised water-soluble extract of <i>Eurycoma longifolia</i> , Tongkat ali, as testosterone booster for managing men with late-onset hypogonadism?. <i>Andrologia</i> , <b>2012</b> , 44 Suppl 1, 226-30	2.4	64
60	Effect of <i>Withania somnifera</i> (Ashwagandha) on the development of chemotherapy-induced fatigue and quality of life in breast cancer patients. <i>Integrative Cancer Therapies</i> , <b>2013</b> , 12, 312-22	3	64
59	<i>Eurycoma longifolia</i> Jack in managing idiopathic male infertility. <i>Asian Journal of Andrology</i> , <b>2010</b> , 12, 376-80	2.8	61
58	Prevalence of metabolic syndrome and its risk factors in adult Malaysians: results of a nationwide survey. <i>Diabetes Research and Clinical Practice</i> , <b>2011</b> , 91, 239-45	7.4	58
57	Prognostic factors and survival rate of osteosarcoma: A single-institution study. <i>Asia-Pacific Journal of Clinical Oncology</i> , <b>2017</b> , 13, e104-e110	1.9	54
56	Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , <b>2020</b> , 26, i46-i56	3.2	46
55	Prevalence of diabetes in Malaysia and usefulness of HbA1c as a diagnostic criterion. <i>Diabetic Medicine</i> , <b>2013</b> , 30, 825-8	3.5	41
54	Sociocultural and dietary practices among Malay subjects in the north-eastern region of Peninsular Malaysia: a region of low prevalence of <i>Helicobacter pylori</i> infection. <i>Helicobacter</i> , <b>2012</b> , 17, 54-61	4.9	41
53	Prevalence of overweight and obesity among adult Malaysians: an update. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2011</b> , 20, 35-41	1	37
52	Prevalence of metabolic syndrome and its risk factors in adult Malaysians: results of a nationwide survey. <i>Diabetes Research and Clinical Practice</i> , <b>2012</b> , 96, 91-7	7.4	32
51	Significant association of high-risk human papillomavirus (HPV) but not of p53 polymorphisms with oral squamous cell carcinomas in Malaysia. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2011</b> , 137, 311-20	4.9	32
50	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2020</b> , 395, 1779-1801	40	30
49	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1162-e1185	13.6	27
48	A hospital-based study on seroprevalence of leptospirosis among febrile cases in northeastern Malaysia. <i>International Journal of Infectious Diseases</i> , <b>2013</b> , 17, e394-7	10.5	23
47	Prognostic factors in patients with colorectal cancer at Hospital Universiti Sains Malaysia. <i>Asian Journal of Surgery</i> , <b>2010</b> , 33, 127-33	1.6	23
46	Pulse wave velocity as a marker of severity of coronary artery disease. <i>Journal of Clinical Hypertension</i> , <b>2009</b> , 11, 17-21	2.3	22
45	Shortened activated partial thromboplastin time, a hemostatic marker for hypercoagulable state during acute coronary event. <i>Translational Research</i> , <b>2010</b> , 155, 315-9	11	21
44	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , <b>2020</b> , 26, 750-759	50.5	21

43	Prevalence of abnormal glucose tolerance and risk factors in urban and rural Malaysia. <i>Diabetes Care</i> , <b>2011</b> , 34, 1362-4	14.6	18
42	The change of Barthel Index scores from the time of discharge until 3-month post-discharge among acute stroke patients in Malaysia: A random intercept model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208594	3.7	18
41	Ventilator-associated nosocomial pneumonia in intensive care units in Malaysia. <i>Journal of Infection in Developing Countries</i> , <b>2009</b> , 3, 704-10	2.3	15
40	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , <b>2020</b> , 26, i12-i26	3.2	13
39	Reduced CD4+ terminally differentiated effector memory T cells in moderate-severe house dust mites sensitized allergic rhinitis patients. <i>Asian Pacific Journal of Allergy and Immunology</i> , <b>2019</b> , 37, 138-146	5.4	12
38	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1038-e1060	13.6	12
37	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , <b>2020</b> , 26, i125-i153	3.2	12
36	Factors associated with the severity of hypertension among Malaysian adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0207472	3.7	11
35	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
34	An audit of diabetes-dependent quality of life in patients with type 2 diabetes mellitus in Malaysia. <i>Quality of Life Research</i> , <b>2015</b> , 24, 2297-302	3.7	9
33	Risk factors of leptospirosis among febrile hospital admissions in northeastern Malaysia. <i>Preventive Medicine</i> , <b>2013</b> , 57 Suppl, S11-3	4.3	8
32	Randomized Controlled Trial on the Effects of Tualang Honey and Hormonal Replacement Therapy (HRT) on Cardiovascular Risk Factors, Hormonal Profiles and Bone Density Among Postmenopausal Women: A Pilot Study. <i>Journal of Food Research</i> , <b>2012</b> , 1,	1.3	8
31	Knowledge, attitude and practice of sawmill workers towards noise-induced hearing loss in kota bharu, kelantan. <i>The Malaysian Journal of Medical Sciences</i> , <b>2008</b> , 15, 28-34	1.3	8
30	The estimated cost of surgically managed isolated traumatic head injury secondary to road traffic accidents. <i>Neurosurgical Focus</i> , <b>2018</b> , 44, E7	4.2	7
29	Prognostic study of using different monitoring modalities in treating severe traumatic brain injury. <i>Asian Journal of Surgery</i> , <b>2007</b> , 30, 200-8	1.6	7
28	Neurodevelopmental effects of childhood malnutrition: A neuroimaging perspective. <i>NeuroImage</i> , <b>2021</b> , 231, 117828	7.9	7
27	Measuring Time-Varying Effective Reproduction Numbers for COVID-19 and Their Relationship with Movement Control Order in Malaysia. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	6
26	Sex differences in stroke metrics among Southeast Asian countries: Results from the Global Burden of Disease Study 2015. <i>International Journal of Stroke</i> , <b>2019</b> , 14, 826-834	6.3	5

25	Reliability of Telephone Interview for Assessment of Long-Term Stroke Outcomes: Evidence from Interrater Analysis. <i>Neuroepidemiology</i> , <b>2019</b> , 52, 214-219	5.4	5
24	Development and Validation of Positive Smoker Identity Questionnaire (PSmoQi): A New Instrument for Smoking Cessation Correlates. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	5
23	Post traumatic cerebral oedema in severe head injury is related to intracranial pressure and cerebral perfusion pressure but not to cerebral compliance. <i>Asian Journal of Surgery</i> , <b>2009</b> , 32, 157-62	1.6	5
22	Functional outcome at 6 months in surgical treatment of spontaneous supratentorial intracerebral haemorrhage. <i>The Malaysian Journal of Medical Sciences</i> , <b>2008</b> , 15, 48-55	1.3	5
21	A Susceptible-Infected-Removed (SIR) model of COVID-19 epidemic trend in Malaysia under Movement Control Order (MCO) using a data fitting approach		4
20	Anatomical variations of anterior ethmoidal artery at the ethmoidal roof and anterior skull base in Asians. <i>Surgical and Radiologic Anatomy</i> , <b>2019</b> , 41, 543-550	1.4	4
19	Facebook Reviews as a Supplemental Tool for Hospital Patient Satisfaction and Its Relationship with Hospital Accreditation in Malaysia. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	4
18	Contribution of Genetic Polymorphisms of Inflammation Response Genes on Sporadic Colorectal Cancer Predisposition Risk in Malaysian Patients - A Case Control Study. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2019</b> , 20, 1621-1632	1.7	3
17	The Combination of Sonography and Physical Examination Improves the Patency and Suitability of Hemodialysis Arteriovenous Fistula in Vascular Access. <i>The Malaysian Journal of Medical Sciences</i> , <b>2016</b> , 23, 26-32	1.3	3
16	Assessing Patient-Perceived Hospital Service Quality and Sentiment in Malaysian Public Hospitals Using Machine Learning and Facebook Reviews. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
15	TRADITIONAL CARDIOVASCULAR RISK-FACTORS AMONG HEALTHCARE WORKERS IN KELANTAN, MALAYSIA. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , <b>2015</b> , 46, 504-11	1	3
14	Trends in stroke outcomes at hospital discharge in first-ever stroke patients: Observations from the Malaysia National Stroke Registry (2009-2017). <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 401, 130-135	3.2	2
13	Low-density lipoprotein cholesterol goal attainment among Malaysian dyslipidemic patients. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , <b>2011</b> , 42, 388-94	1	2
12	Key predictors of COVID-19 vaccine hesitancy in Malaysia: An integrated framework. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268926	3.7	2
11	Tobacco Denormalization Indicator in the Prevalence of Positive Smoker Identity and Its Associated Factors. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
10	Treatment-Seeking Behavior Among Male Civil Servants in Northeastern Malaysia: A Mixed-Methods Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
9	Effect of MyMAFI-A Newly Developed Mobile App for Field Investigation of Food Poisoning Outbreak on the Timeliness in Reporting: A Randomized Crossover Trial. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	1
8	Predictors of ischaemic heart disease in a Malaysian population with the metabolic syndrome. <i>Diabetic Medicine</i> , <b>2012</b> , 29, 1378-84	3.5	1



7	Trends and Spatial Pattern Analysis of Dengue Cases in Northeast Malaysia.. <i>Journal of Preventive Medicine and Public Health</i> , <b>2022</b> , 55, 80-87	3.7	1
6	A brief analysis of the COVID-19 death data in Malaysia		1
5	The Effectiveness of Stroke Riskometer In Improving Stroke Risk Awareness in Malaysia: A Study Protocol of a Cluster-Randomized Controlled Trial. <i>Neuroepidemiology</i> , <b>2021</b> , 55, 436-446	5.4	1
4	Characteristics of paediatric patients with tuberculosis and associated determinants of treatment success in Malaysia using the MyTB version 2.1 database over five years. <i>BMC Public Health</i> , <b>2020</b> , 20, 1903	4.1	0
3	Prediction of Dengue Incidence in the Northeast Malaysia Based on Weather Data Using the Generalized Additive Model. <i>BioMed Research International</i> , <b>2021</b> , 2021, 3540964	3	0
2	Alteration in the Functional Organization of the Default Mode Network Following Closed Non-severe Traumatic Brain Injury.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 833320	5.1	0
1	The Ten-Year Risk Prediction for Cardiovascular Disease for Malaysian Adults Using the Laboratory-Based and Office-Based (Glorisk) Prediction Model. <i>Medicina (Lithuania)</i> , <b>2022</b> , 58, 656	3.1	0