# Kamarul Imran Musa

## List of Publications by Year in Descending Order

| 96 papers | 41,050 citations | 41 h-index | 121 g-index |
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| 121 ext. papers | 60,582 ext. citations | 13.7 avg, IF | 7.32 L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 96 | Trends and Spatial Pattern Analysis of Dengue Cases in Northeast Malaysia.. *Journal of Preventive Medicine and Public Health*, **2022**, 55, 80-87 | 3.7 | 1 |
| 95 | Alteration in the Functional Organization of the Default Mode Network Following Closed Non-severe Traumatic Brain Injury.. *Frontiers in Neuroscience*, **2022**, 16, 833320 | 5.1 | 0 |
| 94 | The Ten-Year Risk Prediction for Cardiovascular Disease for Malaysian Adults Using the Laboratory-Based and Office-Based (Globorisk) Prediction Model. *Medicina (Lithuania)*, **2022**, 58, 656 | 3.1 | 0 |
| 93 | Key predictors of COVID-19 vaccine hesitancy in Malaysia: An integrated framework. *PLoS ONE*, **2022**, 17, e0268926 | 3.7 | 2 |
| 92 | Prediction of Dengue Incidence in the Northeast Malaysia Based on Weather Data Using the Generalized Additive Model. *BioMed Research International*, **2021**, 2021, 3540964 | 3 | 0 |
| 91 | Measuring Time-Varying Effective Reproduction Numbers for COVID-19 and Their Relationship with Movement Control Order in Malaysia. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 6 |
| 90 | Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. *ELife*, **2021**, 10, | 8.9 | 10 |
| 89 | Neurodevelopmental effects of childhood malnutrition: A neuroimaging perspective. *NeuroImage*, **2021**, 231, 117828 | 7.9 | 7 |
| 88 | Facebook Reviews as a Supplemental Tool for Hospital Patient Satisfaction and Its Relationship with Hospital Accreditation in Malaysia. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 4 |
| 87 | 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. *Lancet, The*, **2021**, 398, 957-980 | 40 | 154 |
| 86 | Assessing Patient-Perceived Hospital Service Quality and Sentiment in Malaysian Public Hospitals Using Machine Learning and Facebook Reviews. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 3 |
| 85 | The Effectiveness of Stroke Riskometer⃝in Improving Stroke Risk Awareness in Malaysia: A Study Protocol of a Cluster-Randomized Controlled Trial. *Neuroepidemiology*, **2021**, 55, 436-446 | 5.4 | 1 |
| 84 | Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurology, The*, **2021**, 20, 795-820 | 24.1 | 229 |
| 83 | Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. *Journal of the American College of Cardiology*, **2020**, 76, 2982-3021 | 15.1 | 922 |
| 82 | Characteristics of paediatric patients with tuberculosis and associated determinants of treatment success in Malaysia using the MyTB version 2.1 database over five years. *BMC Public Health*, **2020**, 20, 1903 | 4.1 | 0 |
| 81 | 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. *Lancet, The*, **2020**, 396, 1511-1524 | 40 | 73 |
| 80 | Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet Respiratory Medicine,the*, **2020**, 8, 585-596 | 35.1 | 334 |

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| 79 | 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. *Lancet, The*, **2020**, 395, 1779-1801 | 40 | 30 |
| 78 | Tobacco Denormalization Indicator in the Prevalence of Positive Smoker Identity and Its Associated Factors. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 1 |
| 77 | Treatment-Seeking Behavior Among Male Civil Servants in Northeastern Malaysia: A Mixed-Methods Study. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 1 |
| 76 | 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. *Lancet, The*, **2020**, 396, 1204-1222 | 40 | 1847 |
| 75 | Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet, The*, **2020**, 396, 1223-1249 | 40 | 1013 |
| 74 | 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. *Lancet, The*, **2020**, 396, 1160-1203 | 40 | 228 |
| 73 | Five insights from the Global Burden of Disease Study 2019. *Lancet, The*, **2020**, 396, 1135-1159 | 40 | 113 |
| 72 | Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. *The Lancet Global Health*, **2020**, 8, e1038-e1060 | 13.6 | 12 |
| 71 | Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. *Injury Prevention*, **2020**, 26, i125-i153 | 3.2 | 12 |
| 70 | Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17. *The Lancet Global Health*, **2020**, 8, e1162-e1185 | 13.6 | 27 |
| 69 | Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Medicine*, **2020**, 26, 750-759 | 50.5 | 21 |
| 68 | 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. *Injury Prevention*, **2020**, 26, i12-i26 | 3.2 | 13 |
| 67 | Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. *Injury Prevention*, **2020**, 26, i46-i56 | 3.2 | 46 |
| 66 | Sex differences in stroke metrics among Southeast Asian countries: Results from the Global Burden of Disease Study 2015. *International Journal of Stroke*, **2019**, 14, 826-834 | 6.3 | 5 |
| 65 | Reliability of Telephone Interview for Assessment of Long-Term Stroke Outcomes: Evidence from Interrater Analysis. *Neuroepidemiology*, **2019**, 52, 214-219 | 5.4 | 5 |
| 64 | Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurology, The*, **2019**, 18, 459-480 | 24.1 | 1093 |
| 63 | Trends in stroke outcomes at hospital discharge in first-ever stroke patients: Observations from the Malaysia National Stroke Registry (2009-2017). *Journal of the Neurological Sciences*, **2019**, 401, 130-135 | 3.2 | 2 |
| 62 | Development and Validation of Positive Smoker Identity Questionnaire (PSmoQi): A New Instrument for Smoking Cessation Correlates. *International Journal of Environmental Research and Public Health*, **2019**, 16, | 4.6 | 5 |

| # | Publication | IF | Cites |
|---|---|---|---|
| 61 | Effect of MyMAFI-A Newly Developed Mobile App for Field Investigation of Food Poisoning Outbreak on the Timeliness in Reporting: A Randomized Crossover Trial. *International Journal of Environmental Research and Public Health*, **2019**, 16, | 4.6 | 1 |
| 60 | Reduced CD4+ terminally differentiated effector memory T cells in moderate-severe house dust mites sensitized allergic rhinitis patients. *Asian Pacific Journal of Allergy and Immunology*, **2019**, 37, 138-146 | 5.4 | 12 |
| 59 | Contribution of Genetic Polymorphisms of Inflammation Response Genes on Sporadic Colorectal Cancer Predisposition Risk in Malaysian Patients - A Case Control Study. *Asian Pacific Journal of Cancer Prevention*, **2019**, 20, 1621-1632 | 1.7 | 3 |
| 58 | 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. *Lancet Neurology, The*, **2019**, 18, 56-87 | 24.1 | 480 |
| 57 | Factors associated with the severity of hypertension among Malaysian adults. *PLoS ONE*, **2019**, 14, e0207472 | 3.7 | 11 |
| 56 | Anatomical variations of anterior ethmoidal artery at the ethmoidal roof and anterior skull base in Asians. *Surgical and Radiologic Anatomy*, **2019**, 41, 543-550 | 1.4 | 4 |
| 55 | The estimated cost of surgically managed isolated traumatic head injury secondary to road traffic accidents. *Neurosurgical Focus*, **2018**, 44, E7 | 4.2 | 7 |
| 54 | Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet, The*, **2018**, 392, 1015-1035 | 40 | 1171 |
| 53 | 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. *PLoS ONE*, **2018**, 13, e0208594 | 3.7 | 18 |
| 52 | Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet, The*, **2018**, 392, 1684-1735 | 40 | 483 |
| 51 | 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. *Lancet, The*, **2018**, 392, 1736-1788 | 40 | 2850 |
| 50 | 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. *Lancet, The*, **2018**, 392, 1923-1994 | 40 | 1964 |
| 49 | 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. *Lancet, The*, **2018**, 392, 1995-2051 | 40 | 189 |
| 48 | 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. *Lancet, The*, **2018**, 392, 1789-1858 | 40 | 4524 |
| 47 | 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. *Lancet, The*, **2018**, 392, 2091-2138 | 40 | 210 |
| 46 | 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. *Lancet, The*, **2018**, 392, 1859-1922 | 40 | 1283 |
| 45 | Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. *New England Journal of Medicine*, **2018**, 379, 2429-2437 | 59.2 | 495 |
| 44 | 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. *Lancet, The*, **2018**, 391, 2236-2271 | 40 | 381 |

| 43 | Prognostic factors and survival rate of osteosarcoma: A single-institution study. *Asia-Pacific Journal of Clinical Oncology*, **2017**, 13, e104-e110 | 1.9 | 54 |
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| 42 | Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. *Journal of the American College of Cardiology*, **2017**, 70, 1-25 | 15.1 | 1804 |
| 41 | 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. *Lancet, The*, **2017**, 390, 231-266 | 40 | 352 |
| 40 | Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015. *Lancet, The*, **2017**, 389, 1885-1906 | 40 | 867 |
| 39 | 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. *Lancet, The*, **2017**, 390, 1084-1150 | 40 | 421 |
| 38 | 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. *Lancet, The*, **2017**, 390, 1260-1344 | 40 | 1152 |
| 37 | 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. *Lancet, The*, **2017**, 390, 1151-1210 | 40 | 2542 |
| 36 | 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. *Lancet, The*, **2017**, 390, 1211-1259 | 40 | 3432 |
| 35 | 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. *Lancet, The*, **2017**, 390, 1345-1422 | 40 | 1378 |
| 34 | Global, regional, and national burden of neurological disorders during 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Neurology, The*, **2017**, 16, 877-897 | 24.1 | 984 |
| 33 | 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. *Lancet, The*, **2017**, 390, 1423-1459 | 40 | 224 |
| 32 | The Combination of Sonography and Physical Examination Improves the Patency and Suitability of Hemodialysis Arteriovenous Fistula in Vascular Access. *The Malaysian Journal of Medical Sciences*, **2016**, 23, 26-32 | 1.3 | 3 |
| 31 | A century of trends in adult human height. *ELife*, **2016**, 5, | 8.9 | 260 |
| 30 | Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19·2 million participants. *Lancet, The*, **2016**, 387, 1377-1396 | 40 | 2787 |
| 29 | 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. *Lancet, The*, **2016**, 388, 1459-1544 | 40 | 3525 |
| 28 | Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. *Lancet, The*, **2016**, 388, 1813-1850 | 40 | 302 |
| 27 | An audit of diabetes-dependent quality of life in patients with type 2 diabetes mellitus in Malaysia. *Quality of Life Research*, **2015**, 24, 2297-302 | 3.7 | 9 |
| 26 | TRADITIONAL CARDIOVASCULAR RISK-FACTORS AMONG HEALTHCARE WORKERS IN KELANTAN, MALAYSIA. *Southeast Asian Journal of Tropical Medicine and Public Health*, **2015**, 46, 504-11 | 1 | 3 |

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| 25 | Effect of Withania somnifera (Ashwagandha) on the development of chemotherapy-induced fatigue and quality of life in breast cancer patients. *Integrative Cancer Therapies*, **2013**, 12, 312-22 | 3 | 64 |
| 24 | Prevalence of diabetes in Malaysia and usefulness of HbA1c as a diagnostic criterion. *Diabetic Medicine*, **2013**, 30, 825-8 | 3.5 | 41 |
| 23 | A hospital-based study on seroprevalence of leptospirosis among febrile cases in northeastern Malaysia. *International Journal of Infectious Diseases*, **2013**, 17, e394-7 | 10.5 | 23 |
| 22 | Risk factors of leptospirosis among febrile hospital admissions in northeastern Malaysia. *Preventive Medicine*, **2013**, 57 Suppl, S11-3 | 4.3 | 8 |
| 21 | Standardised water-soluble extract of Eurycoma longifolia, Tongkat ali, as testosterone booster for managing men with late-onset hypogonadism?. *Andrologia*, **2012**, 44 Suppl 1, 226-30 | 2.4 | 64 |
| 20 | 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. *Journal of Food Research*, **2012**, 1, | 1.3 | 8 |
| 19 | Prevalence of metabolic syndrome and its risk factors in adult Malaysians: results of a nationwide survey. *Diabetes Research and Clinical Practice*, **2012**, 96, 91-7 | 7.4 | 32 |
| 18 | Predictors of ischaemic heart disease in a Malaysian population with the metabolic syndrome. *Diabetic Medicine*, **2012**, 29, 1378-84 | 3.5 | 1 |
| 17 | Sociocultural and dietary practices among Malay subjects in the north-eastern region of Peninsular Malaysia: a region of low prevalence of Helicobacter pylori infection. *Helicobacter*, **2012**, 17, 54-61 | 4.9 | 41 |
| 16 | Prevalence of metabolic syndrome and its risk factors in adult Malaysians: results of a nationwide survey. *Diabetes Research and Clinical Practice*, **2011**, 91, 239-45 | 7.4 | 58 |
| 15 | Significant association of high-risk human papillomavirus (HPV) but not of p53 polymorphisms with oral squamous cell carcinomas in Malaysia. *Journal of Cancer Research and Clinical Oncology*, **2011**, 137, 311-20 | 4.9 | 32 |
| 14 | Prevalence of abnormal glucose tolerance and risk factors in urban and rural Malaysia. *Diabetes Care*, **2011**, 34, 1362-4 | 14.6 | 18 |
| 13 | Prevalence of overweight and obesity among adult Malaysians: an update. *Asia Pacific Journal of Clinical Nutrition*, **2011**, 20, 35-41 | 1 | 37 |
| 12 | Low-density lipoprotein cholesterol goal attainment among Malaysian dyslipidemic patients. *Southeast Asian Journal of Tropical Medicine and Public Health*, **2011**, 42, 388-94 | 1 | 2 |
| 11 | Shortened activated partial thromboplastin time, a hemostatic marker for hypercoagulable state during acute coronary event. *Translational Research*, **2010**, 155, 315-9 | 11 | 21 |
| 10 | Eurycoma longifolia Jack in managing idiopathic male infertility. *Asian Journal of Andrology*, **2010**, 12, 376-80 | 2.8 | 61 |
| 9 | Prognostic factors in patients with colorectal cancer at Hospital Universiti Sains Malaysia. *Asian Journal of Surgery*, **2010**, 33, 127-33 | 1.6 | 23 |
| 8 | Pulse wave velocity as a marker of severity of coronary artery disease. *Journal of Clinical Hypertension*, **2009**, 11, 17-21 | 2.3 | 22 |

# List of Publications

| 7 | Post traumatic cerebral oedema in severe head injury is related to intracranial pressure and cerebral perfusion pressure but not to cerebral compliance. *Asian Journal of Surgery*, **2009**, 32, 157-62 | 1.6 | 5 |
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| 6 | Ventilator-associated nosocomial pneumonia in intensive care units in Malaysia. *Journal of Infection in Developing Countries*, **2009**, 3, 704-10 | 2.3 | 15 |
| 5 | Knowledge, attitude and practice of sawmill workers towards noise-induced hearing loss in kota bharu, kelantan. *The Malaysian Journal of Medical Sciences*, **2008**, 15, 28-34 | 1.3 | 8 |
| 4 | Functional outcome at 6 months in surgical treatment of spontaneous supratentorial intracerebral haemorrhage. *The Malaysian Journal of Medical Sciences*, **2008**, 15, 48-55 | 1.3 | 5 |
| 3 | Prognostic study of using different monitoring modalities in treating severe traumatic brain injury. *Asian Journal of Surgery*, **2007**, 30, 200-8 | 1.6 | 7 |
| 2 | A Susceptible-Infected-Removed (SIR) model of COVID-19 epidemic trend in Malaysia under Movement Control Order (MCO) using a data fitting approach | | 4 |
| 1 | A brief analysis of the COVID-19 death data in Malaysia | | 1 |