

Mohammad Ehsanul Karim

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

992
citations

623734

14
h-index

501196

28
g-index

71
all docs

71
docs citations

71
times ranked

1530
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Use of Interferon Beta and Progression of Disability in Patients With Relapsing-Remitting Multiple Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 247-56.	7.4	234
2	Comparison of Statistical Approaches for Dealing With Immortal Time Bias in Drug Effectiveness Studies. <i>American Journal of Epidemiology</i> , 2016, 184, 325-335.	3.4	68
3	Marginal Structural Cox Models for Estimating the Association Between \hat{I}^2 -Interferon Exposure and Disease Progression in a Multiple Sclerosis Cohort. <i>American Journal of Epidemiology</i> , 2014, 180, 160-171.	3.4	61
4	Role of Nonsteroidal Antiinflammatory Drugs in the Association Between Osteoarthritis and Cardiovascular Diseases: A Longitudinal Study. <i>Arthritis and Rheumatology</i> , 2019, 71, 1835-1843.	5.6	56
5	Comparative efficacy, tolerability and safety of dolutegravir and efavirenz 400mg among antiretroviral therapies for first-line HIV treatment: A systematic literature review and network meta-analysis. <i>EClinicalMedicine</i> , 2020, 28, 100573.	7.1	54
6	Can We Train Machine Learning Methods to Outperform the High-dimensional Propensity Score Algorithm?. <i>Epidemiology</i> , 2018, 29, 191-198.	2.7	45
7	Multiple Sclerosis in Older Adults: The Clinical Profile and Impact of Interferon Beta Treatment. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	40
8	Beta-Interferon exposure and onset of secondary progressive multiple sclerosis. <i>European Journal of Neurology</i> , 2015, 22, 990-1000.	3.3	34
9	A Higher Antibody Response Is Generated With a 6- to 7-Week (vs Standard) Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Vaccine Dosing Interval. <i>Clinical Infectious Diseases</i> , 2022, 75, e888-e891.	5.8	25
10	Nurses "Seeing Forest for the Trees" in the Age of Machine Learning. <i>CIN - Computers Informatics Nursing</i> , 2019, 37, 203-212.	0.5	22
11	Are perceived barriers to accessing health care associated with inadequate antenatal care visits among women of reproductive age in Rwanda?. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 88.	2.4	22
12	Effectiveness of contrast-associated acute kidney injury prevention methods; a systematic review and network meta-analysis. <i>BMC Nephrology</i> , 2018, 19, 323.	1.8	21
13	Estimating inverse probability weights using super learner when weight-model specification is unknown in a marginal structural Cox model context. <i>Statistics in Medicine</i> , 2017, 36, 2032-2047.	1.6	20
14	Determinants of Antibiotic Tailoring in Pediatric Intensive Care. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e395-e405.	0.5	18
15	Nephrology consultation and mortality in people with stage 4 chronic kidney disease: a population-based study. <i>Cmaj</i> , 2019, 191, E274-E282.	2.0	15
16	Prescription opioid treatment for non-cancer pain and initiation of injection drug use: large retrospective cohort study. <i>BMJ, The</i> , 2021, 375, e066965.	6.0	15
17	Comparison of statistical approaches dealing with time-dependent confounding in drug effectiveness studies. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1709-1722.	1.5	13
18	Post-tuberculosis airway disease: A population-based cohort study of people immigrating to British Columbia, Canada, 1985-2015. <i>EClinicalMedicine</i> , 2021, 33, 100752.	7.1	12

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19	Investigation of heterogeneity in the association between interferon beta and disability progression in multiple sclerosis: an observational study. <i>European Journal of Neurology</i> , 2014, 21, 835-844.	3.3	11
20	The randomization-induced risk of a trial failing to attain its target power: assessment and mitigation. <i>Trials</i> , 2019, 20, 360.	1.6	10
21	Antibody dissociation rates are predictive of neutralizing antibody (NAb) course: A comparison of interferon beta-1b-treated Multiple Sclerosis (MS) patients with transient versus sustained NAb. <i>Clinical Immunology</i> , 2015, 157, 91-101.	3.2	9
22	Multimorbidity prevalence in Canada: a comparison of Northern Territories with Provinces, 2013/14. <i>International Journal of Circumpolar Health</i> , 2019, 78, 1607703.	1.2	9
23	Recommendations for the use of propensity score methods in multiple sclerosis research. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1467-1480.	3.0	9
24	On the application of statistical learning approaches to construct inverse probability weights in marginal structural Cox models: Hedging against weight-model misspecification. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 7668-7697.	1.2	8
25	The Effect of Serious Offending on Health: A Marginal Structural Model. <i>Society and Mental Health</i> , 2019, 9, 18-32.	2.2	8
26	The use and quality of reporting of propensity score methods in multiple sclerosis literature: A review. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1317-1323.	3.0	8
27	A pragmatic randomized controlled trial testing the effects of the international scientific SCI exercise guidelines on SCI chronic pain: protocol for the EPIC-SCI trial. <i>Spinal Cord</i> , 2020, 58, 746-754.	1.9	8
28	Explaining the variation in the attained power of a stepped-wedge trial with unequal cluster sizes. <i>BMC Medical Research Methodology</i> , 2020, 20, 166.	3.1	8
29	The Association of Residential Instability and Hospitalizations among Homeless and Vulnerably Housed Individuals: Results from a Prospective Cohort Study. <i>Journal of Urban Health</i> , 2020, 97, 239-249.	3.6	8
30	Impact of HCV infection and ethnicity on incident type 2 diabetes: findings from a large population-based cohort in British Columbia. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002145.	2.8	8
31	Evaluation of the Performance of a Multiplexed Serological Assay in the Detection of SARS-CoV-2 Infections in a Predominantly Vaccinated Population. <i>Microbiology Spectrum</i> , 2022, 10, e0145421.	3.0	8
32	A Prospective Observational Cohort Comparison of SARS-CoV-2 Seroprevalence Between Paramedics and Matched Blood Donors in Canada During the COVID-19 Pandemic. <i>Annals of Emergency Medicine</i> , 2022, 80, 38-45.	0.6	8
33	Longitudinal Associations between Perceived Quality of Living Spaces and Health-Related Quality of Life among Homeless and Vulnerably Housed Individuals Living in Three Canadian Cities. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4808.	2.6	7
34	Post-tuberculosis mortality risk among immigrants to British Columbia, Canada, 1985–2015: a time-dependent Cox regression analysis of linked immigration, public health, and vital statistics data. <i>Canadian Journal of Public Health</i> , 2021, 112, 132-141.	2.3	7
35	When does the use of individual patient data in network meta-analysis make a difference? A simulation study. <i>BMC Medical Research Methodology</i> , 2021, 21, 21.	3.1	7
36	Tuberculosis-associated depression: a population-based cohort study of people immigrating to British Columbia, Canada, 1985–2015. <i>Annals of Epidemiology</i> , 2021, 63, 7-14.	1.9	7

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37	The association between Diabetes and Excessive Daytime Sleepiness among American adults aged 20-79 years: Findings from the 2015-2018 National Health and Nutrition Examination Surveys. <i>Annals of Epidemiology</i> , 2022, 68, 54-54.	1.9	7
38	Dealing With Treatment-Confounder Feedback and Sparse Follow-up in Longitudinal Studies: Application of a Marginal Structural Model in a Multiple Sclerosis Cohort. <i>American Journal of Epidemiology</i> , 2021, 190, 908-917.	3.4	6
39	CRTpowerdist: An R package to calculate attained power and construct the power distribution for cross-sectional stepped-wedge and parallel cluster randomized trials. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106255.	4.7	5
40	The association between rheumatoid arthritis and cardiovascular disease among adults in the United States during 1999â€“2018, and age-related effect modification in relative and absolute scales. <i>Annals of Epidemiology</i> , 2022, 71, 23-30.	1.9	5
41	Interferon Beta and Long-term Disability in Multiple Sclerosis. <i>JAMA Neurology</i> , 2013, 70, 651.	9.0	4
42	Understanding subjective quality of life in homeless and vulnerably housed individuals: The role of housing, health, substance use, and social support. <i>SSM Mental Health</i> , 2021, 1, 100021.	1.8	4
43	Testing the Feasibility of Sensor-Based Home Health Monitoring (TEC4Home) to Support the Convalescence of Patients With Heart Failure: Preâ€“Post Study. <i>JMIR Formative Research</i> , 2021, 5, e24509.	1.4	4
44	Use of community healthcare and overdose in the 30 days following release from provincial correctional facilities in British Columbia. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109113.	3.2	3
45	Application of decision tree-based techniques to veneer processing. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	3
46	Can joint replacement reduce cardiovascular risk?. <i>BMJ, The</i> , 2013, 347, f6651-f6651.	6.0	2
47	Hypothesis Testing for an Exposureâ€“Disease Association in Caseâ€“Control Studies Under Nondifferential Exposure Misclassification in the Presence of Validation Data: Bayesian and Frequentist Adjustments. <i>Statistics in Biosciences</i> , 2016, 8, 234-252.	1.2	2
48	Comparing the use of aggregate data and various methods of integrating individual patient data to network meta-analysis and its application to first-line ART. <i>BMC Medical Research Methodology</i> , 2021, 21, 60.	3.1	2
49	Incorporating partial adherence into the principal stratification analysis framework. <i>Statistics in Medicine</i> , 2021, 40, 3625-3644.	1.6	2
50	A Propensity Score Analysis of the Effect of a Single Dose Vitamin A Supplementation on Child Hemoglobin Status in Bangladesh. <i>Child Care in Practice</i> , 0, , 1-15.	0.9	2
51	An E-value analysis of potential unmeasured or residual confounding in systematic reviews of post-tuberculosis mortality, respiratory disease, and cardiovascular disease. <i>Annals of Epidemiology</i> , 2022, 68, 24-31.	1.9	2
52	Patterns and determinants of adherence to colorectal cancer primary and secondary prevention recommendations in the BC Generations Project. <i>Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice</i> , 2022, 42, 79-93.	1.1	2
53	Accurate classification of carotid endarterectomy indication using physician claims and hospital discharge data. <i>BMC Health Services Research</i> , 2022, 22, 379.	2.2	2
54	Directed Acyclic Graphs to Identify Confounders. , 2015, , 275-290.		1

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55	THE AUTHORS REPLY. <i>American Journal of Epidemiology</i> , 2016, 184, 857-858.	3.4	1
56	Association between human papillomavirus vaccine status and sexually transmitted infection outcomes among females aged 18-35 with a history of sexual activity in the United States: A population survey-based cross-sectional analysis. <i>Vaccine</i> , 2020, 38, 8396-8404.	3.8	1
57	Influence of chronic hepatitis C infection on the monocyte-to-platelet ratio: data analysis from the National Health and Nutrition Examination Survey (2009-2016). <i>BMC Public Health</i> , 2021, 21, 1388.	2.9	1
58	Association Between Prescription Opioid Therapy for Noncancer Pain and Hepatitis C Virus Seroconversion. <i>JAMA Network Open</i> , 2022, 5, e2143050.	5.9	1
59	Considerations for choosing an imputation method for addressing sparse measurement issues dictated by the study design - An illustration from per-protocol analysis in pragmatic trials. <i>Research Methods in Medicine & Health Sciences</i> , 0, , 263208432210856.	1.2	1
60	When exposure is subject to nondifferential misclassification, are validation data helpful in testing for an exposure-disease association?. <i>Canadian Journal of Statistics</i> , 2019, 47, 222-237.	0.9	0
61	Authors' reply: Letter to the Editor: Comparison of statistical approaches dealing with time-dependent confounding in drug effectiveness studies (SMMR, Vol 27, Issue 6, 2018). <i>Statistical Methods in Medical Research</i> , 2019, 28, 323-324.	1.5	0
62	The relationship between mood disorder diagnosis and experiencing an unmet health-care need in Canada: findings from the 2014 Canadian Community Health Survey. <i>Journal of Mental Health</i> , 2020, , 1-13.	1.9	0
63	Reply. <i>Arthritis and Rheumatology</i> , 2020, 72, 1583-1584.	5.6	0
64	Is Regular Access to Internet Services Associated with Comprehensive Correct HIV/AIDS Knowledge among People Aged 15-49 Years in Nigeria? Findings from the 2018 Demographic Health Survey. <i>Journal of Consumer Health on the Internet</i> , 2021, 25, 242-260.	0.4	0
65	Estimating the effect of referral for nephrology care on the survival of adults with advanced chronic kidney disease in a real-world clinical setting. <i>International Journal of Population Data Science</i> , 2018, 3, .	0.1	0
66	Analysis approaches to address treatment nonadherence in pragmatic trials with point-treatment settings: a simulation study. <i>BMC Medical Research Methodology</i> , 2022, 22, 46.	3.1	0