

# Karim Keshavjee

## 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.

44  
papers

862  
citations

16  
h-index

29  
g-index

53  
ext. papers

1,103  
ext. citations

2.6  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
44	An Online Risk Tool for Predicting Type 2 Diabetes Mellitus. <i>International Journal of Diabetology</i> , <b>2021</b> , 2, 123-129	1	
43	FIUS: Fixed partitioning undersampling method. <i>Clinica Chimica Acta</i> , <b>2021</b> , 522, 174-183	6.2	
42	Modeling machine learning requirements from three perspectives: a case report from the healthcare domain. <i>Requirements Engineering</i> , <b>2021</b> , 26, 237-254	2.7	3
41	Handling Irregularly Sampled Longitudinal Data and Prognostic Modeling of Diabetes Using Machine Learning Technique. <i>IEEE Access</i> , <b>2020</b> , 8, 21875-21885	3.5	18
40	Correction: Using an Electronic App to Promote Home-Based Self-Care in Older Patients With Heart Failure: Qualitative Study on Patient and Informal Caregiver Challenges. <i>JMIR Cardio</i> , <b>2020</b> , 4, e25624	3.1	
39	Using an Electronic App to Promote Home-Based Self-Care in Older Patients With Heart Failure: Qualitative Study on Patient and Informal Caregiver Challenges. <i>JMIR Cardio</i> , <b>2020</b> , 4, e15885	3.1	1
38	Evaluation of mobile apps for treatment of patients at risk of developing gestational diabetes. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 1983-1994	3	6
37	The Healthcare System Perspective in mHealth. <i>EAI/Springer Innovations in Communication and Computing</i> , <b>2019</b> , 127-142	0.6	7
36	Predictive models for diabetes mellitus using machine learning techniques. <i>BMC Endocrine Disorders</i> , <b>2019</b> , 19, 101	3.3	51
35	Prognostic Modeling and Prevention of Diabetes Using Machine Learning Technique. <i>Scientific Reports</i> , <b>2019</b> , 9, 13805	4.9	18
34	Evaluation of Heart Failure Apps to Promote Self-Care: Systematic App Search. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e13173	5.5	13
33	Use of Alternative Currencies, Blockchain Technology, and Predictive Analytics for Chronic Disease Prevention: A Conceptual Model. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 1872-1873	0.5	1
32	Participatory governance over research in an academic research network: the case of Diabetes Action Canada. <i>BMJ Open</i> , <b>2019</b> , 9, e026828	3	6
31	A Hybrid Approach for Modeling Type 2 Diabetes Mellitus Progression. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1076	4.5	7
30	A Systematic Machine Learning Based Approach for the Diagnosis of Non-Alcoholic Fatty Liver Disease Risk and Progression. <i>Scientific Reports</i> , <b>2018</b> , 8, 2112	4.9	33
29	Review of cognitive behavioural therapy mobile apps using a reference architecture embedded in the patient-provider relationship. <i>BioMedical Engineering OnLine</i> , <b>2018</b> , 17, 183	4.1	8
28	Canadian Cardiovascular Harmonized National Guidelines Endeavour (C-CHANGE) guideline for the prevention and management of cardiovascular disease in primary care: 2018 update. <i>Cmaj</i> , <b>2018</b> , 190, E1192-E1206	3.5	16

27	Barriers to technology use among older heart failure individuals in managing their symptoms after hospital discharge. <i>International Journal of Medical Informatics</i> , <b>2017</b> , 105, 136-142	5.3	8
26	Creating a Supportive Environment for Self-Management in Healthcare via Patient Electronic Tools <b>2017</b> , 481-497		
25	Diabetes mHealth Apps: Designing for Greater Uptake. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 234, 49-53	0.5	3
24	Design and Validation of a Platform to Evaluate mHealth Apps. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 235, 3-7	0.5	4
23	Dangerous ideas: Top 4 proposals presented at Family Medicine Forum. <i>Canadian Family Physician</i> , <b>2016</b> , 62, 120-1	0.9	1
22	Health Apps by Design. <i>International Journal of Handheld Computing Research</i> , <b>2016</b> , 7, 34-43		9
21	Performance Analysis of Data Mining Classification Techniques to Predict Diabetes. <i>Procedia Computer Science</i> , <b>2016</b> , 82, 115-121	1.6	107
20	Evaluating the performance of the Framingham Diabetes Risk Scoring Model in Canadian electronic medical records. <i>Canadian Journal of Diabetes</i> , <b>2015</b> , 39, 152-6	2.1	14
19	Physician and patient willingness to pay for electronic cardiovascular disease management. <i>International Journal of Medical Informatics</i> , <b>2014</b> , 83, 517-28	5.3	9
18	Online self-management interventions for chronically ill patients: cognitive impairment and technology issues. <i>International Journal of Medical Informatics</i> , <b>2014</b> , 83, 264-72	5.3	38
17	Getting to usable EMR data. <i>Canadian Family Physician</i> , <b>2014</b> , 60, 392	0.9	5
16	Creating a Supportive Environment for Self-Management in Healthcare via Patient Electronic Tools. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , <b>2014</b> , 109-125	0.3	4
15	State of IS Integration in the Context of Patient-Centered Care <b>2013</b> , 127-144		
14	Shared electronic vascular risk decision support in primary care: Computerization of Medical Practices for the Enhancement of Therapeutic Effectiveness (COMPETE III) randomized trial. <i>Archives of Internal Medicine</i> , <b>2011</b> , 171, 1736-44		28
13	Ethics and privacy issues of a practice-based surveillance system: need for a national-level institutional research ethics board and consent standards. <i>Canadian Family Physician</i> , <b>2011</b> , 57, 1165-73	0.9	17
12	State of IS Integration in the Context of Patient-Centered Care. <i>International Journal of Healthcare Information Systems and Informatics</i> , <b>2011</b> , 6, 1-18	1.1	2
11	Design and testing of an architecture for a national primary care chronic disease surveillance network in Canada. <i>Studies in Health Technology and Informatics</i> , <b>2011</b> , 164, 341-5	0.5	2
10	Building a pan-Canadian primary care sentinel surveillance network: initial development and moving forward. <i>Journal of the American Board of Family Medicine</i> , <b>2009</b> , 22, 412-22	1.6	88

9	Individualized electronic decision support and reminders to improve diabetes care in the community: COMPETE II randomized trial. <i>Cmaj</i> , <b>2009</b> , 181, 37-44	3.5	145
8	Automated telephone reminder messages can assist electronic diabetes care. <i>Journal of Telemedicine and Telecare</i> , <b>2008</b> , 14, 32-6	6.8	21
7	Best Practices for Implementing Electronic Health Records and Information Systems <b>2008</b> , 120-138		3
6	Patients' consent preferences regarding the use of their health information for research purposes: a qualitative study. <i>Journal of Health Services Research and Policy</i> , <b>2004</b> , 9, 22-7	2.4	34
5	Patients' consent preferences for research uses of information in electronic medical records: interview and survey data. <i>BMJ, The</i> , <b>2003</b> , 326, 373	5.9	93
4	Applying methodology to electronic medical record selection. <i>International Journal of Medical Informatics</i> , <b>2003</b> , 71, 43-50	5.3	23
3	Mutagenesis of the folC gene encoding folylpolyglutamate synthetase-dihydrofolate synthetase in <i>Escherichia coli</i> . <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 284, 9-16	4.1	16
2	Creating a Supportive Environment for Self-Management in Healthcare via Patient Electronic Tools 198-214		
1	Health Apps by Design 553-563		0