

# Khaled El Emam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8772529/publications.pdf>

Version: 2024-02-01

47  
papers

1,821  
citations

361413

20  
h-index

289244

40  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2000  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Reconciling public health common good and individual privacy: new methods and issues in geoprivacy. <i>International Journal of Health Geographics</i> , 2022, 21, 1.   | 2.5 | 8         |
| 2  | Vasomotor symptoms in early breast cancer—a “real world” exploration of the patient experience. <i>Supportive Care in Cancer</i> , 2022, 30, 4437-4446.   | 2.2 | 5         |
| 3  | Utility Metrics for Evaluating Synthetic Health Data Generation Methods: Validation Study. <i>JMIR Medical Informatics</i> , 2022, 10, e35734.  | 2.6 | 22        |
| 4  | Importance of sex and gender factors for COVID-19 infection and hospitalisation: a sex-stratified analysis using machine learning in UK Biobank data. <i>BMJ Open</i> , 2022, 12, e050450.  | 1.9 | 5         |
| 5  | Measuring re-identification risk using a synthetic estimator to enable data sharing. <i>PLoS ONE</i> , 2022, 17, e0269097.  | 2.5 | 7         |
| 6  | Optimizing the synthesis of clinical trial data using sequential trees. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 3-13.   | 4.4 | 28        |
| 7  | Identification and inclusion of gender factors in retrospective cohort studies: the GOING-FWD framework. <i>BMJ Global Health</i> , 2021, 6, e005413.   | 4.7 | 25        |
| 8  | Can synthetic data be a proxy for real clinical trial data? A validation study. <i>BMJ Open</i> , 2021, 11, e043497.  | 1.9 | 44        |
| 9  | Sex, Gender, and Cardiovascular Health in Canadian and Austrian Populations. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1240-1247.   | 1.7 | 17        |
| 10 | Evaluating the utility of synthetic COVID-19 case data. <i>JAMIA Open</i> , 2021, 4, ooab012.   | 2.0 | 27        |
| 11 | Advancing data science in drug development through an innovative computational framework for data sharing and statistical analysis. <i>BMC Medical Research Methodology</i> , 2021, 21, 250.  | 3.1 | 9         |
| 12 | Seven Ways to Evaluate the Utility of Synthetic Data. <i>IEEE Security and Privacy</i> , 2020, 18, 56-59.   | 1.2 | 32        |
| 13 | Evaluating the re-identification risk of a clinical study report anonymized under EMA Policy 0070 and Health Canada Regulations. <i>Trials</i> , 2020, 21, 200.   | 1.6 | 15        |
| 14 | Evaluating Identity Disclosure Risk in Fully Synthetic Health Data: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e23139.   | 4.3 | 35        |
| 15 | Efficient Active Learning for Electronic Medical Record De-identification. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 462-471.  | 0.4 | 6         |
| 16 | Montreal Accord on Patient-Reported Outcomes (PROs) use series “ Paper 9: anonymization and ethics considerations for capturing and sharing patient reported outcomes. <i>Journal of Clinical Epidemiology</i> , 2017, 89, 168-172. | 5.0 | 5         |
| 17 | Geospatial cryptography: enabling researchers to access private, spatially referenced, human subjects data for cancer control and prevention. <i>Journal of Geographical Systems</i> , 2017, 19, 197-220.                           | 3.1 | 7         |
| 18 | A unified framework for evaluating the risk of re-identification of text de-identification tools. <i>Journal of Biomedical Informatics</i> , 2016, 63, 174-183.   | 4.3 | 14        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Anonymising and sharing individual patient data. <i>BMJ, The</i> , 2015, 350, h1139-h1139.   | 6.0 | 146       |
| 20 | The Ethical Merits of Nudges in the Clinical Setting. <i>American Journal of Bioethics</i> , 2015, 15, 54-55.  | 0.9 | 1         |
| 21 | A critical appraisal of the Article 29 Working Party Opinion 05/2014 on data anonymization techniques. <i>International Data Privacy Law</i> , 2015, 5, 73-87.                                       | 1.2 | 44        |
| 22 | A privacy preserving protocol for tracking participants in phase I clinical trials. <i>Journal of Biomedical Informatics</i> , 2015, 57, 145-162.  | 4.3 | 0         |
| 23 | Common Length Name Representation: An Efficient Privacy-Preserving Scheme. , 2015, , .   |     | 0         |
| 24 | Secure Surveillance of Antimicrobial Resistant Organism Colonization or Infection in Ontario Long Term Care Homes. <i>PLoS ONE</i> , 2014, 9, e93285.  | 2.5 | 10        |
| 25 | Real-World Data Set Parameters and Synthesization for Matching Identity in Clinical Protocols. , 2014, , .   |     | 1         |
| 26 | Evaluating the risk of patient re-identification from adverse drug event reports. <i>BMC Medical Informatics and Decision Making</i> , 2013, 13, 114.  | 3.0 | 19        |
| 27 | A Review of Evidence on Consent Bias in Research. <i>American Journal of Bioethics</i> , 2013, 13, 42-44.  | 0.9 | 21        |
| 28 | Biomedical data privacy: problems, perspectives, and recent advances. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 2-6.   | 4.4 | 136       |
| 29 | Estimating the re-identification risk of clinical data sets. <i>BMC Medical Informatics and Decision Making</i> , 2012, 12, 66.  | 3.0 | 66        |
| 30 | A Protocol for the Secure Linking of Registries for HPV Surveillance. <i>PLoS ONE</i> , 2012, 7, e39915.   | 2.5 | 17        |
| 31 | De-identification Methods for Open Health Data: The Case of the Heritage Health Prize Claims Dataset. <i>Journal of Medical Internet Research</i> , 2012, 14, e33.                                   | 4.3 | 44        |
| 32 | Two h-Index Benchmarks for Evaluating the Publication Performance of Medical Informatics Researchers. <i>Journal of Medical Internet Research</i> , 2012, 14, e144.                                  | 4.3 | 16        |
| 33 | Methods for the de-identification of electronic health records for genomic research. <i>Genome Medicine</i> , 2011, 3, 25.   | 8.2 | 57        |
| 34 | The re-identification risk of Canadians from longitudinal demographics. <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 46.   | 3.0 | 34        |
| 35 | De-identifying a public use microdata file from the Canadian national discharge abstract database. <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 53.                                | 3.0 | 20        |
| 36 | A secure protocol for protecting the identity of providers when disclosing data for disease surveillance. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 212-217. | 4.4 | 40        |

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|----|--|-----|-----------|
| 37 | A Systematic Review of Re-Identification Attacks on Health Data. PLoS ONE, 2011, 6, e28071.  | 2.5 | 265       |
| 38 | How Strong are Passwords Used to Protect Personal Health Information in Clinical Trials?. Journal of Medical Internet Research, 2011, 13, e18.   | 4.3 | 19        |
| 39 | The inadvertent disclosure of personal health information through peer-to-peer file sharing programs. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 148-158. | 4.4 | 13        |
| 40 | Risk-Based De-Identification of Health Data. IEEE Security and Privacy, 2010, 8, 64-67.  | 1.2 | 32        |
| 41 | A method for managing re-identification risk from small geographic areas in Canada. BMC Medical Informatics and Decision Making, 2010, 10, 18.   | 3.0 | 24        |
| 42 | Evaluating Predictors of Geographic Area Population Size Cut-offs to Manage Re-identification Risk. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 256-266.   | 4.4 | 44        |
| 43 | The Use of Electronic Data Capture Tools in Clinical Trials: Web-Survey of 259 Canadian Trials. Journal of Medical Internet Research, 2009, 11, e8.                                      | 4.3 | 74        |
| 44 | Theory of relative defect proneness. Empirical Software Engineering, 2008, 13, 473-498.  | 3.9 | 62        |
| 45 | Protecting Privacy Using k-Anonymity. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 627-637.   | 4.4 | 234       |
| 46 | An Evaluation of Personal Health Information Remnants in Second-Hand Personal Computer Disk Drives. Journal of Medical Internet Research, 2007, 9, e24.                                  | 4.3 | 8         |
| 47 | Guide to the De-Identification of Personal Health Information. , 0, , .  |     | 63        |