

Khaled El Emam

List of Publications by Year in descending order

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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	A Systematic Review of Re-Identification Attacks on Health Data. PLoS ONE, 2011, 6, e28071.	2.5	265
2	Protecting Privacy Using k-Anonymity. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 627-637.	4.4	234
3	Anonymising and sharing individual patient data. BMJ, The, 2015, 350, h1139-h1139.	6.0	146
4	Biomedical data privacy: problems, perspectives, and recent advances. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 2-6.	4.4	136
5	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
6	Estimating the re-identification risk of clinical data sets. BMC Medical Informatics and Decision Making, 2012, 12, 66.	3.0	66
7	Guide to the De-Identification of Personal Health Information. , 0, , .		63
8	Theory of relative defect proneness. Empirical Software Engineering, 2008, 13, 473-498.	3.9	62
9	Methods for the de-identification of electronic health records for genomic research. Genome Medicine, 2011, 3, 25.	8.2	57
10	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
11	A critical appraisal of the Article 29 Working Party Opinion 05/2014 on data anonymization techniques. International Data Privacy Law, 2015, 5, 73-87.	1.2	44
12	Can synthetic data be a proxy for real clinical trial data? A validation study. BMJ Open, 2021, 11, e043497.	1.9	44
13	De-identification Methods for Open Health Data: The Case of the Heritage Health Prize Claims Dataset. Journal of Medical Internet Research, 2012, 14, e33.	4.3	44
14	A secure protocol for protecting the identity of providers when disclosing data for disease surveillance. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 212-217.	4.4	40
15	Evaluating Identity Disclosure Risk in Fully Synthetic Health Data: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e23139.	4.3	35
16	The re-identification risk of Canadians from longitudinal demographics. BMC Medical Informatics and Decision Making, 2011, 11, 46.	3.0	34
17	Risk-Based De-Identification of Health Data. IEEE Security and Privacy, 2010, 8, 64-67.	1.2	32
18	Seven Ways to Evaluate the Utility of Synthetic Data. IEEE Security and Privacy, 2020, 18, 56-59.	1.2	32

#	ARTICLE	IF	CITATIONS
19	Optimizing the synthesis of clinical trial data using sequential trees. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 3-13.	4.4	28
20	Evaluating the utility of synthetic COVID-19 case data. JAMIA Open, 2021, 4, ooab012.	2.0	27
21	Identification and inclusion of gender factors in retrospective cohort studies: the GOING-FWD framework. BMJ Global Health, 2021, 6, e005413.	4.7	25
22	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
23	Utility Metrics for Evaluating Synthetic Health Data Generation Methods: Validation Study. JMIR Medical Informatics, 2022, 10, e35734.	2.6	22
24	A Review of Evidence on Consent Bias in Research. American Journal of Bioethics, 2013, 13, 42-44.	0.9	21
25	De-identifying a public use microdata file from the Canadian national discharge abstract database. BMC Medical Informatics and Decision Making, 2011, 11, 53.	3.0	20
26	Evaluating the risk of patient re-identification from adverse drug event reports. BMC Medical Informatics and Decision Making, 2013, 13, 114.	3.0	19
27	How Strong are Passwords Used to Protect Personal Health Information in Clinical Trials?. Journal of Medical Internet Research, 2011, 13, e18.	4.3	19
28	A Protocol for the Secure Linking of Registries for HPV Surveillance. PLoS ONE, 2012, 7, e39915.	2.5	17
29	Sex, Gender, and Cardiovascular Health in Canadian and Austrian Populations. Canadian Journal of Cardiology, 2021, 37, 1240-1247.	1.7	17
30	Two h-Index Benchmarks for Evaluating the Publication Performance of Medical Informatics Researchers. Journal of Medical Internet Research, 2012, 14, e144.	4.3	16
31	Evaluating the re-identification risk of a clinical study report anonymized under EMA Policy 0070 and Health Canada Regulations. Trials, 2020, 21, 200.	1.6	15
32	A unified framework for evaluating the risk of re-identification of text de-identification tools. Journal of Biomedical Informatics, 2016, 63, 174-183.	4.3	14
33	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
34	Secure Surveillance of Antimicrobial Resistant Organism Colonization or Infection in Ontario Long Term Care Homes. PLoS ONE, 2014, 9, e93285.	2.5	10
35	Advancing data science in drug development through an innovative computational framework for data sharing and statistical analysis. BMC Medical Research Methodology, 2021, 21, 250.	3.1	9
36	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

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37	Reconciling public health common good and individual privacy: new methods and issues in geoprivacy. International Journal of Health Geographics, 2022, 21, 1.	2.5	8
38	Geospatial cryptography: enabling researchers to access private, spatially referenced, human subjects data for cancer control and prevention. Journal of Geographical Systems, 2017, 19, 197-220.	3.1	7
39	Measuring re-identification risk using a synthetic estimator to enable data sharing. PLoS ONE, 2022, 17, e0269097.	2.5	7
40	Efficient Active Learning for Electronic Medical Record De-identification. AMIA Summits on Translational Science Proceedings, 2019, 2019, 462-471.	0.4	6
41	Montreal Accord on Patient-Reported Outcomes (PROs) use series â€“ Paper 9: anonymization and ethics considerations for capturing and sharing patient reported outcomes. Journal of Clinical Epidemiology, 2017, 89, 168-172.	5.0	5
42	Vasomotor symptoms in early breast cancerâ€™a â€œreal worldâ€•exploration of the patient experience. Supportive Care in Cancer, 2022, 30, 4437-4446.	2.2	5
43	Importance of sex and gender factors for COVID-19 infection and hospitalisation: a sex-stratified analysis using machine learning in UK Biobank data. BMJ Open, 2022, 12, e050450.	1.9	5
44	Real-World Data Set Parameters and Synthesization for Matching Identity in Clinical Protocols. , 2014, , .		1
45	The Ethical Merits of Nudges in the Clinical Setting. American Journal of Bioethics, 2015, 15, 54-55.	0.9	1
46	A privacy preserving protocol for tracking participants in phase I clinical trials. Journal of Biomedical Informatics, 2015, 57, 145-162.	4.3	0
47	Common Length Name Representation: An Efficient Privacy-Preserving Scheme. , 2015, , .		0