

Jean Louis Raisaro

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

433
citations

932766

10
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Truly privacy-preserving federated analytics for precision medicine with multiparty homomorphic encryption. <i>Nature Communications</i> , 2021, 12, 5910.	5.8	64
2	Addressing Beacon re-identification attacks: quantification and mitigation of privacy risks. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 799-805.	2.2	62
3	MedCo: Enabling Secure and Privacy-Preserving Exploration of Distributed Clinical and Genomic Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1328-1341.	1.9	58
4	Revolutionizing Medical Data Sharing Using Advanced Privacy-Enhancing Technologies: Technical, Legal, and Ethical Synthesis. <i>Journal of Medical Internet Research</i> , 2021, 23, e25120.	2.1	54
5	Protecting Privacy and Security of Genomic Data in i2b2 With Homomorphic Encryption and Differential Privacy. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 1-1.	1.9	37
6	Privacy-preserving genomic testing in the clinic: a model using HIV treatment. <i>Genetics in Medicine</i> , 2016, 18, 814-822.	1.1	36
7	UnLynx: A Decentralized System for Privacy-Conscious Data Sharing. <i>Proceedings on Privacy Enhancing Technologies</i> , 2017, 2017, 232-250.	2.3	29
8	Data protection and ethics requirements for multisite research with health data: a comparative examination of legislative governance frameworks and the role of data protection technologies. <i>Journal of Law and the Biosciences</i> , 2020, 7, lsa010.	0.8	26
9	A National, Semantic-Driven, Three-Pillar Strategy to Enable Health Data Secondary Usage Interoperability for Research Within the Swiss Personalized Health Network: Methodological Study. <i>JMIR Medical Informatics</i> , 2021, 9, e27591.	1.3	24
10	Patient Privacy in the Genomic Era. <i>Praxis</i> , 2014, 103, 579-586.	0.2	10
11	Citizen-centered, auditable and privacy-preserving population genomics. <i>Nature Computational Science</i> , 2021, 1, 192-198.	3.8	10
12	MedCo2: Privacy-Preserving Cohort Exploration and Analysis. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 317-321.	0.2	4
13	GenoShare: Supporting Privacy-Informed Decisions for Sharing Individual-Level Genetic Data. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 238-241.	0.2	3
14	An Ontology and Data Converter from RDF to the i2b2 Data Model. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	2
15	SPHN/PHRT - MedCo in Action: Empowering the Swiss Molecular Tumor Board with Privacy-Preserving and Real-Time Patient Discovery. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1161-1162.	0.2	1