

# Juan Ramn Troncoso-Pastoriza

## List of Publications by Citations

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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.

34  
papers

514  
citations

12  
h-index

22  
g-index

42  
ext. papers

702  
ext. citations

4.7  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
34	Privacy-preserving data aggregation in smart metering systems: an overview. <i>IEEE Signal Processing Magazine</i> , <b>2013</b> , 30, 75-86	9.4	133
33	Privacy preserving error resilient dna searching through oblivious automata <b>2007</b> ,		87
32	MedCo: Enabling Secure and Privacy-Preserving Exploration of Distributed Clinical and Genomic Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2019</b> , 16, 1328-1341	3	34
31	Watermarking Security: A Survey. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 41-72	0.9	32
30	Secure signal processing in the cloud: enabling technologies for privacy-preserving multimedia cloud processing. <i>IEEE Signal Processing Magazine</i> , <b>2013</b> , 30, 29-41	9.4	31
29	A secure multidimensional point inclusion protocol <b>2007</b> ,		24
28	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 1125-1140	8	21
27	Cybersecurity of Hospitals: discussing the challenges and working towards mitigating the risks. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 146	3.6	20
26	Drynx: Decentralized, Secure, Verifiable System for Statistical Queries and Machine Learning on Distributed Datasets. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2020</b> , 1-1	8	19
25	POSEIDON: Privacy-Preserving Federated Neural Network Learning <b>2021</b> ,		16
24	Revolutionizing Medical Data Sharing Using Advanced Privacy-Enhancing Technologies: Technical, Legal, and Ethical Synthesis. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e25120	7.6	13
23	Secure Adaptive Filtering. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2011</b> , 6, 469-485	8	12
22	Privacy-preserving semi-parallel logistic regression training with fully homomorphic encryption. <i>BMC Medical Genomics</i> , <b>2020</b> , 13, 88	3.7	10
21	<b>2016</b> ,		7
20	Truly privacy-preserving federated analytics for precision medicine with multiparty homomorphic encryption. <i>Nature Communications</i> , <b>2021</b> , 12, 5910	17.4	6
19	Scalable Privacy-Preserving Distributed Learning. <i>Proceedings on Privacy Enhancing Technologies</i> , <b>2021</b> , 2021, 323-347	3.2	6
18	<b>2012</b> ,		5

17	Efficient Protocols for Oblivious Linear Function Evaluation from Ring-LWE. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 130-149	0.9	5
16	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> , <b>2020</b> , 7, lsa010	4.1	5
15	<b>2018</b> ,		3
14	Multivariate lattices for encrypted image processing <b>2015</b> ,		3
13	CryptoDSPs for Cloud Privacy. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 428-439	0.9	3
12	Citizen-centered, auditable and privacy-preserving population genomics. <i>Nature Computational Science</i> , <b>2021</b> , 1, 192-198		3
11	A new model for Gabor coefficients magnitude in face recognition <b>2010</b> ,		2
10	Skewed log-stable model for natural images pixel block-variance <b>2009</b> ,		2
9	Citizen-Centered, Auditable, and Privacy-Preserving Population Genomics		2
8	Revisiting Multivariate Ring Learning with Errors and Its Applications on Lattice-Based Cryptography. <i>Mathematics</i> , <b>2021</b> , 9, 858	2.3	2
7	Dynamic Privacy-Preserving Genomic Susceptibility Testing <b>2016</b> ,		2
6	Truly Privacy-Preserving Federated Analytics for Precision Medicine with Multiparty Homomorphic Encryption		2
5	Efficient protocols for secure adaptive filtering <b>2011</b> ,		1
4	Efficient Zero-Knowledge Watermark Detection with Improved Robustness to Sensitivity Attacks. <i>Eurasip Journal on Information Security</i> , <b>2007</b> , 2007, 1-14		1
3	Efficient PRNU Matching in the Encrypted Domain. <i>Proceedings (mdpi)</i> , <b>2019</b> , 21, 17	0.3	0
2	Privacy-preserving federated neural network learning for disease-associated cell classification. <i>Patterns</i> , <b>2022</b> , 100487	5.1	0
1	Efficient protocols for oblivious linear function evaluation from ring-LWE. <i>Journal of Computer Security</i> , <b>2021</b> , 1-40	0.8	