Tsung-Ting Kuo

List of Publications by Year
in descending order

37 papers	2,013 citations	623574 14 h-index	552653 26 g-index
40 all docs	40 docs citations	40 times ranked	2394 citing authors

#	Article	IF	Citations
1	Blockchain distributed ledger technologies for biomedical and health care applications. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1211-1220.	2.2	822
2	Weakly supervised learning of biomedical information extraction from curated data. BMC Bioinformatics, 2016, 17, 1.	1.2	342
3	â€˜Fit-for-purpose?â€™ â€" challenges and opportunities for applications of blockchain technology in the future of healthcare. BMC Medicine, 2019, 17, 68.	2.3	193
4	Comparison of blockchain platforms: a systematic review and healthcare examples. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 462-478.	2.2	190
5	Fair compute loads enabled by blockchain: sharing models by alternating client and server roles. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 392-403.	2.2	47
6	EXpectation Propagation LOgistic REgRession on permissioned blockCHAIN (ExplorerChain): decentralized online healthcare/genomics predictive model learning. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 747-756.	2.2	41
7	Unsupervised link prediction using aggregative statistics on heterogeneous social networks. , 2013, , .		37
8	Privacy-preserving model learning on a blockchain network-of-networks. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 343-354.	2.2	36
9	Machine Learning-Based Predictive Modeling of Surgical Intervention in Glaucoma Using Systemic Data From Electronic Health Records. American Journal of Ophthalmology, 2019, 208, 30-40.	1.7	34
10	Time-Aware Ranking in Dynamic Citation Networks. , 2011, , .		26
11	A Content-Based Matrix Factorization Model for Recipe Recommendation. Lecture Notes in Computer Science, 2014, , 560-571.	1.0	25
12	Predictive Analytics for Glaucoma Using Data From the All of Us Research Program. American Journal of Ophthalmology, 2021, 227, 74-86.	1.7	25
13	iDASH secure genome analysis competition 2018: blockchain genomic data access logging, homomorphic encryption on GWAS, and DNA segment searching. BMC Medical Genomics, 2020, 13, 98.	0.7	22
14	Identifying and characterizing highly similar notes in big clinical note datasets. Journal of Biomedical Informatics, 2018, 82, 63-69.	2.5	20
15	Benchmarking blockchain-based gene-drug interaction data sharing methods: A case study from the iDASH 2019 secure genome analysis competition blockchain track. International Journal of Medical Informatics, 2021, 154, 104559.	1.6	19
16	Modeling and evaluating information propagation in a microblogging social network. Social Network Analysis and Mining, 2013, 3, 341-357.	1.9	14
17	The anatomy of a distributed predictive modeling framework: online learning, blockchain network, and consensus algorithm. JAMIA Open, 2020, 3, 201-208.	1.0	14
18	Learning to improve area-under-FROC for imbalanced medical data classification using an ensemble method. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2008, 10, 43-46.	3.2	14

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19	Detecting model misconducts in decentralized healthcare federated learning. International Journal of Medical Informatics, 2022, 158, 104658.	1.6	14
20	Exploiting Temporal Information in a Two-Stage Classification Framework for Content-Based Depression Detection. Lecture Notes in Computer Science, 2013, , 276-288.	1.0	11
21	Assessing the Quality of Diffusion Models Using Real-World Social Network Data. , 2011, , .		8
22	Previewable Contract-Based On-Chain X-Ray Image Sharing Framework for Clinical Research. International Journal of Medical Informatics, 2021, 156, 104599.	1.6	8
23	Enriching Cold Start Personalized Language Model Using Social Network Information. , 2014, , .		8
24	Ensembles of NLP Tools for Data Element Extraction from Clinical Notes. AMIA ... Annual Symposium proceedings, 2016, 2016, 1880-1889.	0.2	8
25	CertificateChain: decentralized healthcare training certificate management system using blockchain and smart contracts. JAMIA Open, 2022, 5, ooac019.	1.0	6
26	Learning-based concept-hierarchy refinement through exploiting topology, content and social information. Information Sciences, 2011, 181, 2512-2528.	4.0	5
27	Generalizable prediction of COVID-19 mortality on worldwide patient data. JAMIA Open, 2022, 5, .	1.0	5
28	A Collaborative Filtering-Based Two Stage Model with Item Dependency for Course Recommendation. , 2017, , .		3
29	Comparison of Smart Contract Blockchains for Healthcare Applications. AMIA ... Annual Symposium proceedings, 2019, 2019, 1266-1275.	0.2	3
30	SocioCrowd. , 2010, , .		2
31	Prediction-based outlier detection with explanations. , 2012, , .		2
32	Minimizing expected loss for risk-avoiding reinforcement learning. , 2014, , .		2
33	Predicting COVID-19 county-level case number trend by combining demographic characteristics and social distancing policies. JAMIA Open, 2022, 5, .	1.0	2
34	StakeNet: Devise, Study and Utilize Social Networks Using Stakeholder Information. , 2010, , .		1
35	Designing, Analyzing and Exploiting Stake-Based Social Networks. , 2010, , .		1
36	A Transfer-Learning Approach to Exploit Noisy Information for Classification and Its Application on Sentiment Detection. Lecture Notes in Computer Science, 2014, , 262-273.	1.0	0

#	Article	IF	Citations
37	NLM's Sponsorship of Research in Biomedical Informatics (1985–2016). Studies in Health Technology and Informatics, 2022, 288, 64-73.	0.2	0