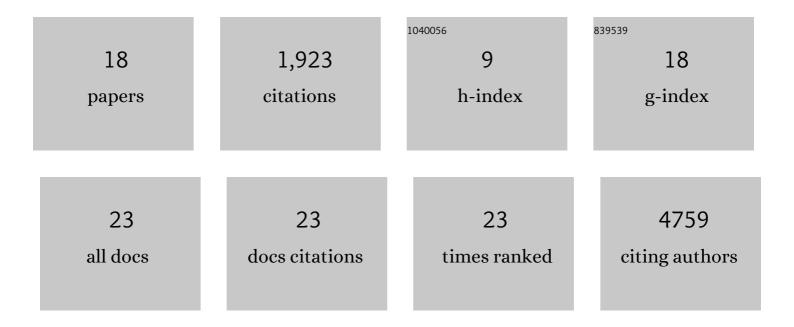
Dianbo Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3852701/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Machine learning approaches to predicting no-shows in pediatric medical appointment. Npj Digital Medicine, 2022, 5, 50.	10.9	11
2	Patients dispensed medications with actionable pharmacogenomic biomarkers: rates and characteristics. Genetics in Medicine, 2021, 23, 782-786.	2.4	6
3	FeARH: Federated machine learning with anonymous random hybridization on electronic medical records. Journal of Biomedical Informatics, 2021, 117, 103735.	4.3	23
4	Using Artificial Neural Network Condensation to Facilitate Adaptation of Machine Learning in Medical Settings by Reducing Computational Burden: Model Design and Evaluation Study. JMIR Formative Research, 2021, 5, e20767.	1.4	1
5	The role of environmental factors on transmission rates of the COVID-19 outbreak: an initial assessment in two spatial scales. Scientific Reports, 2020, 10, 17002.	3.3	108
6	Patients with Cancer Appear More Vulnerable to SARS-CoV-2: A Multicenter Study during the COVID-19 Outbreak. Cancer Discovery, 2020, 10, 783-791.	9.4	1,286
7	LoAdaBoost: Loss-based AdaBoost federated machine learning with reduced computational complexity on IID and non-IID intensive care data. PLoS ONE, 2020, 15, e0230706.	2.5	80
8	The Role of Environmental Factors on Transmission Rates of the COVID-19 Outbreak: An Initial Assessment in Two Spatial Scales SSRN Electronic Journal, 2020, , 3552677.	0.4	32
9	Stochastic Channel-Based Federated Learning With Neural Network Pruning for Medical Data Privacy Preservation: Model Development and Experimental Validation. JMIR Formative Research, 2020, 4, e17265.	1.4	6
10	Real-Time Forecasting of the COVID-19 Outbreak in Chinese Provinces: Machine Learning Approach Using Novel Digital Data and Estimates From Mechanistic Models. Journal of Medical Internet Research, 2020, 22, e20285.	4.3	38
11	Integrative construction of regulatory region networks in 127 human reference epigenomes by matrix factorization. Nucleic Acids Research, 2019, 47, 7235-7246.	14.5	2
12	Patient clustering improves efficiency of federated machine learning to predict mortality and hospital stay time using distributed electronic medical records. Journal of Biomedical Informatics, 2019, 99, 103291.	4.3	229
13	Current state of science in machine learning methods for automatic infant pain evaluation using facial expression information: study protocol of a systematic review and meta-analysis. BMJ Open, 2019, 9, e030482.	1.9	9
14	Two-stage Federated Phenotyping and Patient Representation Learning. , 2019, 2019, 283-291.		44
15	High Performance Computing on Flat FHIR Files Created with the New SMART/HL7 Bulk Data Access Standard. AMIA Annual Symposium proceedings, 2019, 2019, 592-596.	0.2	3
16	Machine learning methods for automatic pain assessment using facial expression information. Medicine (United States), 2018, 97, e13421.	1.0	14
17	Faster growth with shorter antigens can explain a VSG hierarchy during African trypanosome infections: a feint attack by parasites. Scientific Reports, 2018, 8, 10922.	3.3	9
18	Universal attenuators and their interactions with feedback loops in gene regulatory networks. Nucleic Acids Research, 2017, 45, 7078-7093.	14.5	3