

# Dianbo Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3852701/publications.pdf>

Version: 2024-02-01

18  
papers

1,923  
citations

1040056

9  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning approaches to predicting no-shows in pediatric medical appointment. <i>Npj Digital Medicine</i> , 2022, 5, 50.	10.9	11
2	Patients dispensed medications with actionable pharmacogenomic biomarkers: rates and characteristics. <i>Genetics in Medicine</i> , 2021, 23, 782-786.	2.4	6
3	FeARH: Federated machine learning with anonymous random hybridization on electronic medical records. <i>Journal of Biomedical Informatics</i> , 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. <i>JMIR Formative Research</i> , 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. <i>Scientific Reports</i> , 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. <i>Cancer Discovery</i> , 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. <i>PLoS ONE</i> , 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.. <i>SSRN Electronic Journal</i> , 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. <i>JMIR Formative Research</i> , 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. <i>Journal of Medical Internet Research</i> , 2020, 22, e20285.	4.3	38
11	Integrative construction of regulatory region networks in 127 human reference epigenomes by matrix factorization. <i>Nucleic Acids Research</i> , 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. <i>Journal of Biomedical Informatics</i> , 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. <i>BMJ Open</i> , 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. <i>AMIA ... Annual Symposium proceedings</i> , 2019, 2019, 592-596.	0.2	3
16	Machine learning methods for automatic pain assessment using facial expression information. <i>Medicine (United States)</i> , 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. <i>Scientific Reports</i> , 2018, 8, 10922.	3.3	9
18	Universal attenuators and their interactions with feedback loops in gene regulatory networks. <i>Nucleic Acids Research</i> , 2017, 45, 7078-7093.	14.5	3