

Yizhao Ni

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,218
citations

394286

19
h-index

414303

32
g-index

58
all docs

58
docs citations

58
times ranked

1916
citing authors

#	ARTICLE	IF	CITATIONS
1	Gross motor function prediction using natural language processing in cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2023, 65, 100-106.	1.1	2
2	User-Centered Evaluation of a Visual Annotation Tool for Rapid Assessment of Pediatric Weight Entry Errors. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	0
3	Seasonality, mediation and comparison (SMAC) methods to identify influences on lung function decline. <i>MethodsX</i> , 2021, 8, 101313.	0.7	1
4	DeepImmuno: deep learning-empowered prediction and generation of immunogenic peptides for T-cell immunity. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	48
5	Seasonal variation of lung function in cystic fibrosis: Longitudinal modeling to compare a Midwest US cohort to international populations. <i>Science of the Total Environment</i> , 2021, 776, 145905.	3.9	2
6	Quantitative disease risk scores from EHR with applications to clinical risk stratification and genetic studies. <i>Npj Digital Medicine</i> , 2021, 4, 116.	5.7	7
7	Automated detection of substance use information from electronic health records for a pediatric population. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2116-2127.	2.2	14
8	Machine Learning for Detection of Correct Peripherally Inserted Central Catheter Tip Position from Radiology Reports in Infants. <i>Applied Clinical Informatics</i> , 2021, 12, 856-863.	0.8	4
9	Understanding Pediatric Surgery Cancellation: Geospatial Analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e26231.	2.1	7
10	External validation and comparison of risk score models in pediatric heart transplants. <i>Pediatric Transplantation</i> , 2021, , e14204.	0.5	0
11	Development and Evaluation of an Automated Approach to Detect Weight Abnormalities in Pediatric Weight Charts.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 783-792.	0.2	0
12	Influences of environmental exposures on individuals living with cystic fibrosis. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 737-748.	1.0	19
13	Finding warning markers: Leveraging natural language processing and machine learning technologies to detect risk of school violence. <i>International Journal of Medical Informatics</i> , 2020, 139, 104137.	1.6	22
14	Integrating and Evaluating the Data Quality and Utility of Smart Pump Information in Detecting Medication Administration Errors: Evaluation Study. <i>JMIR Medical Informatics</i> , 2020, 8, e19774.	1.3	6
15	The Generalizability of a Medication Administration Discrepancy Detection System: Quantitative Comparative Analysis. <i>JMIR Medical Informatics</i> , 2020, 8, e22031.	1.3	2
16	Mining patient-specific and contextual data with machine learning technologies to predict cancellation of children's surgery. <i>International Journal of Medical Informatics</i> , 2019, 129, 234-241.	1.6	21
17	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. <i>American Journal of Human Genetics</i> , 2019, 105, 588-605.	2.6	99
18	Data Challenges With Real-Time Safety Event Detection And Clinical Decision Support. <i>Journal of Medical Internet Research</i> , 2019, 21, e13047.	2.1	12

#	ARTICLE	IF	CITATIONS
19	A Real-Time Automated Patient Screening System for Clinical Trials Eligibility in an Emergency Department: Design and Evaluation. <i>JMIR Medical Informatics</i> , 2019, 7, e14185.	1.3	37
20	Development and Preliminary Evaluation of a Visual Annotation Tool to Rapidly Collect Expert-Annotated Weight Errors in Pediatric Growth Charts. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 853-857.	0.2	3
21	Automated Risk Assessment for School Violence: a Pilot Study. <i>Psychiatric Quarterly</i> , 2018, 89, 817-828.	1.1	5
22	A Time-and-Motion Study of Clinical Trial Eligibility Screening in a Pediatric Emergency Department. <i>Pediatric Emergency Care</i> , 2018, Publish Ahead of Print, 868-873.	0.5	4
23	Designing and evaluating an automated system for real-time medication administration error detection in a neonatal intensive care unit. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 555-563.	2.2	24
24	Towards phenotyping stroke: Leveraging data from a large-scale epidemiological study to detect stroke diagnosis. <i>PLoS ONE</i> , 2018, 13, e0192586.	1.1	24
25	A Comparison of Existing Methods to Detect Weight Data Errors in a Pediatric Academic Medical Center. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 1103-1109.	0.2	3
26	Using Health Information Technology to Improve Safety in Neonatal Care. <i>Clinics in Perinatology</i> , 2017, 44, 583-616.	0.8	11
27	A Pilot Study on Developing a Standardized and Sensitive School Violence Risk Assessment with Manual Annotation. <i>Psychiatric Quarterly</i> , 2017, 88, 447-457.	1.1	3
28	Leveraging Food and Drug Administration Adverse Event Reports for the Automated Monitoring of Electronic Health Records in a Pediatric Hospital. <i>Biomedical Informatics Insights</i> , 2017, 9, 117822261771301.	4.6	13
29	Developing an Algorithm to Detect Early Childhood Obesity in Two Tertiary Pediatric Medical Centers. <i>Applied Clinical Informatics</i> , 2016, 07, 693-706.	0.8	39
30	Natural Language Processing “ Overview and History. <i>Translational Bioinformatics</i> , 2016, , 203-230.	0.0	2
31	Will they participate? Predicting patients’ response to clinical trial invitations in a pediatric emergency department. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 671-680.	2.2	21
32	Electronic Health Record Based Algorithm to Identify Patients with Autism Spectrum Disorder. <i>PLoS ONE</i> , 2016, 11, e0159621.	1.1	59
33	Natural Language Processing: Applications in Pediatric Research. <i>Translational Bioinformatics</i> , 2016, , 231-250.	0.0	3
34	Increasing the efficiency of trial-patient matching: automated clinical trial eligibility Pre-screening for pediatric oncology patients. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, 28.	1.5	82
35	An end-to-end hybrid algorithm for automated medication discrepancy detection. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, 37.	1.5	33
36	Automated clinical trial eligibility prescreening: increasing the efficiency of patient identification for clinical trials in the emergency department. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 166-178.	2.2	83

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37	Automated detection of medication administration errors in neonatal intensive care. Journal of Biomedical Informatics, 2015, 57, 124-133.	2.5	27
38	Desiderata for computable representations of electronic health records-driven phenotype algorithms. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1220-1230.	2.2	110
39	The Effect of Inversion at 8p23 on BLK Association with Lupus in Caucasian Population. PLoS ONE, 2014, 9, e115614.	1.1	23
40	Phenotyping for patient safety: algorithm development for electronic health record based automated adverse event and medical error detection in neonatal intensive care. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 776-784.	2.2	48
41	Developing and evaluating a machine learning based algorithm to predict the need of pediatric intensive care unit transfer for newly hospitalized children. Resuscitation, 2014, 85, 1065-1071.	1.3	72
42	Automatic Chord Estimation from Audio: A Review of the State of the Art. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 556-575.	4.0	47
43	Preparing an annotated gold standard corpus to share with extramural investigators for de-identification research. Journal of Biomedical Informatics, 2014, 50, 173-183.	2.5	29
44	Understanding Effects of Subjectivity in Measuring Chord Estimation Accuracy. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2607-2615.	3.8	25
45	An End-to-End Machine Learning System for Harmonic Analysis of Music. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 1771-1783.	3.8	35
46	Using Online Chord Databases to Enhance Chord Recognition. Journal of New Music Research, 2011, 40, 139-152.	0.6	5
47	Kernel regression for fMRI pattern prediction. NeuroImage, 2011, 56, 662-673.	2.1	69
48	The application of structured learning in natural language processing. Machine Translation, 2010, 24, 71-85.	1.3	2
49	Exploiting Long-Range Dependencies in Protein \hat{I}^2 -Sheet Secondary Structure Prediction. Lecture Notes in Computer Science, 2010, , 349-357.	1.0	2
50	Structure learning for natural language processing. , 2009, , .		1
51	Kernel methods for fMRI pattern prediction. , 2008, , .		2