Simon Lin

List of Publications by Year
in descending order

		759233	677142
50 papers	**711** citations	**12** h-index	**22** g-index
73 all docs	**73** docs citations	**73** times ranked	**1019** citing authors

#	Article	IF	Citations
1	Operationalizing and Implementing Pretrained, Large Artificial Intelligence Linguistic Models in the US Health Care System: Outlook of Generative Pretrained Transformer 3 (GPT-3) as a Service Model. JMIR Medical Informatics, 2022, 10, e32875.	2.6	52
2	Rapid Development of a Telehealth Patient Satisfaction Survey Using a Multi-Stakeholder Approach. Telemedicine Journal and E-Health, 2022, , .	2.8	2
3	Pretrained transformer framework on pediatric claims data for population specific tasks. Scientific Reports, 2022, 12, 3651.	3.3	3
4	Locating Youth Exposed to Parental Justice Involvement in the Electronic Health Record: Development of a Natural Language Processing Model. JMIR Pediatrics and Parenting, 2022, 5, e33614.	1.6	3
5	Characterization of Electronic Health Record Use Outside Scheduled Clinic Hours Among Primary Care Pediatricians: Retrospective Descriptive Task Analysis of Electronic Health Record Access Log Data. JMIR Medical Informatics, 2022, 10, e34787.	2.6	1
6	Prevalence of Sensitive Terms in Clinical Notes Using Natural Language Processing Techniques: Observational Study. JMIR Medical Informatics, 2022, 10, e38482.	2.6	7
7	Medical Text Prediction and Suggestion Using Generative Pretrained Transformer Models with Dental Medical Notes. Methods of Information in Medicine, 2022, 61, 195-200.	1.2	4
8	Clinical Advice by Voice Assistants on Postpartum Depression: Cross-Sectional Investigation Using Apple Siri, Amazon Alexa, Google Assistant, and Microsoft Cortana. JMIR MHealth and UHealth, 2021, 9, e24045.	3.7	38
9	Multi-View Deep Learning Framework for Predicting Patient Expenditure in Healthcare. IEEE Open Journal of the Computer Society, 2021, 2, 62-71.	7.8	13
10	Delivering Perinatal Health Information via a Voice Interactive App (SMILE): Mixed Methods Feasibility Study. JMIR Formative Research, 2021, 5, e18240.	1.4	11
11	Feasibility of a Voice-Enabled Medical Diary App (SpeakHealth) for Caregivers of Children With Special Health Care Needs and Health Care Providers: Mixed Methods Study. JMIR Formative Research, 2021, 5, e25503.	1.4	11
12	Turning Digital Trails into a Telehealth Competitive Edge. Telemedicine Journal and E-Health, 2021, , .	2.8	1
13	Transformer-based unsupervised patient representation learning based on medical claims for risk stratification and analysis. , 2021, , .		2
14	Unjust: the health records of youth with personal/family justice involvement in a large pediatric health system. Health and Justice, 2021, 9, 20.	2.1	8
15	Documented Reasons of Cancellation and Rescheduling of Telehealth Appointments During the Pandemic. Telemedicine Journal and E-Health, 2021, 27, 1143-1150.	2.8	11
16	Readiness for voice assistants to support healthcare delivery during a health crisis and pandemic. Npj Digital Medicine, 2020, 3, 122.	10.9	90
17	Evaluation of an Activity Tracker to Detect Seizures Using Machine Learning. Journal of Child Neurology, 2020, 35, 873-878.	1.4	3
18	A scoping review of patient-facing, behavioral health interventions with voice assistant technology targeting self-management and healthy lifestyle behaviors. Translational Behavioral Medicine, 2020, 10, 606-628.	2.4	38

#	ARTICLE	IF	CITATIONS
19	Factors associated with psychiatric readmission of children and adolescents in the U.S.: A systematic review of the literature. General Hospital Psychiatry, 2020, 65, 33-42.	2.4	15
20	Adolescents' attitudes and intentions to use a smartphone app to promote safe driving. Transportation Research Interdisciplinary Perspectives, 2020, 4, 100090.	2.7	4
21	A Machine Learning Approach to Uncovering Hidden Utilization Patterns of Early Childhood Dental Care Among Medicaid-Insured Children. Frontiers in Public Health, 2020, 8, 599187.	2.7	6
22	Capturing At-Home Health and Care Information for Children With Medical Complexity Using Voice Interactive Technologies: Multi-Stakeholder Viewpoint. Journal of Medical Internet Research, 2020, 22, e14202.	4.3	34
23	The Association Between App-Administered Depression Assessments and Suicidal Ideation in User Comments: Retrospective Observational Study. JMIR MHealth and UHealth, 2020, 8, e18392.	3.7	2
24	Pediatric Telebehavioral Health: A Transformational Shift in Care Delivery in the Era of COVID-19. JMIR Mental Health, 2020, 7, e20157.	3.3	33
25	The Vitals Risk Indexâ€"Retrospective Performance Analysis of an Automated and Objective Pediatric Early Warning System. Pediatric Quality & Safety, 2020, 5, e271.	0.8	11
26	Detecting Screams From Home Audio Recordings to Identify Tantrums: Exploratory Study Using Transfer Machine Learning. JMIR Formative Research, 2020, 4, e18279.	1.4	3
27	It Is a Life Journey: A Roadmap of Teens With Chronic Diseases in Transitioning to Independence. Journal of Pediatric Health Care, 2020, 34, 346-355.	1.2	5
28	SurfCon. , 2019, , .		13
29	Transcending Dimensions: a Comparative Analysis of Cloaca Imaging in Advancing the Surgeonâ€™s Understanding of Complex Anatomy. Journal of Digital Imaging, 2019, 32, 761-765.	2.9	8
30	Technology-Based Interventions, Assessments, and Solutions for Safe Driving Training for Adolescents: Rapid Review. JMIR MHealth and UHealth, 2019, 7, e11942.	3.7	11
31	Factors Associated With Electronic Health Record Usage Among Primary Care Physicians After Hours: Retrospective Cohort Study. JMIR Human Factors, 2019, 6, e13779.	2.0	13
32	Device-free Sleep Stage Recognition through Bed Frame Vibration Sensing. , 2019, , .		4
33	Transferring Exome Sequencing Data from Clinical Laboratories to Healthcare Providers: Lessons Learned at a Pediatric Hospital. Frontiers in Genetics, 2018, 9, 54.	2.3	2
34	Comorbidities in Childhood Celiac Disease. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 488-493.	1.8	11
35	Proposing an Ecosystem of Digital Health Solutions for Teens With Chronic Conditions Transitioning to Self-Management and Independence: Exploratory Qualitative Study. Journal of Medical Internet Research, 2018, 20, e10285.	4.3	20
36	Prediction of Clinical Outcomes of Spinal Muscular Atrophy Using Motion Tracking Data and Elastic Net Regression. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	Clinical exome sequencing reports: current informatics practice and future opportunities. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1184-1191.	4.4	12
38	Simplified Readability Metric Drives Improvement of Radiology Reports: an Experiment on Ultrasound Reports at a Pediatric Hospital. Journal of Digital Imaging, 2017, 30, 710-717.	2.9	7
39	Drug Repurposing Hypothesis Generation Using the "RE:fine Drugs" System. Journal of Visualized Experiments, 2016, , .	0.3	2
40	Computerized â€œLearn-As-You-Goâ€•classification of traumatic brain injuries using NEISS narrative data. Accident Analysis and Prevention, 2016, 89, 111-117.	5.7	4
41	The utility of including pathology reports in improving the computational identification of patients. Journal of Pathology Informatics, 2016, 7, 46.	1.7	10
42	The health care and life sciences community profile for dataset descriptions. PeerJ, 2016, 4, e2331.	2.0	18
43	Context-Sensitive Spelling Correction of Consumer-Generated Content on Health Care. JMIR Medical Informatics, 2015, 3, e27.	2.6	13
44	Collecting and Analyzing Patient Experiences of Health Care From Social Media. JMIR Research Protocols, 2015, 4, e78.	1.0	56
45	A conceptual model for translating omic data into clinical action. Journal of Pathology Informatics, 2015, 6, 46.	1.7	17
46	Practical considerations in genomic decision support: The eMERGE experience. Journal of Pathology Informatics, 2015, 6, 50.	1.7	42
47	ACTONNECT: A Platform to Support Patients and Researchers Collaboration. , 2014, , .		1
48	Enabling Online Studies of Conceptual Relationships Between Medical Terms: Developing an Efficient Web Platform. JMIR Medical Informatics, 2014, 2, e23.	2.6	7
49	A Fuzzy-Match Search Engine for Physician Directories. JMIR Medical Informatics, 2014, 2, e30.	2.6	6
50	A Scoping Review of Patient-Facing, Behavioral Health Interventions with Voice Assistant Technology Targeting Self-management and Healthy Lifestyle Behaviors. SSRN Electronic Journal, 0, , .	0.4	14