

# Simon Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8558294/publications.pdf>

Version: 2024-02-01

50  
papers

711  
citations

758635

12  
h-index

676716

22  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Readiness for voice assistants to support healthcare delivery during a health crisis and pandemic. <i>Npj Digital Medicine</i> , 2020, 3, 122.	5.7	90
2	Collecting and Analyzing Patient Experiences of Health Care From Social Media. <i>JMIR Research Protocols</i> , 2015, 4, e78.	0.5	56
3	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. <i>JMIR Medical Informatics</i> , 2022, 10, e32875.	1.3	52
4	Practical considerations in genomic decision support: The eMERGE experience. <i>Journal of Pathology Informatics</i> , 2015, 6, 50.	0.8	42
5	A scoping review of patient-facing, behavioral health interventions with voice assistant technology targeting self-management and healthy lifestyle behaviors. <i>Translational Behavioral Medicine</i> , 2020, 10, 606-628.	1.2	38
6	Clinical Advice by Voice Assistants on Postpartum Depression: Cross-Sectional Investigation Using Apple Siri, Amazon Alexa, Google Assistant, and Microsoft Cortana. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24045.	1.8	38
7	Capturing At-Home Health and Care Information for Children With Medical Complexity Using Voice Interactive Technologies: Multi-Stakeholder Viewpoint. <i>Journal of Medical Internet Research</i> , 2020, 22, e14202.	2.1	34
8	Pediatric Telebehavioral Health: A Transformational Shift in Care Delivery in the Era of COVID-19. <i>JMIR Mental Health</i> , 2020, 7, e20157.	1.7	33
9	Proposing an Ecosystem of Digital Health Solutions for Teens With Chronic Conditions Transitioning to Self-Management and Independence: Exploratory Qualitative Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e10285.	2.1	20
10	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	0.9	18
11	A conceptual model for translating omic data into clinical action. <i>Journal of Pathology Informatics</i> , 2015, 6, 46.	0.8	17
12	Factors associated with psychiatric readmission of children and adolescents in the U.S.: A systematic review of the literature. <i>General Hospital Psychiatry</i> , 2020, 65, 33-42.	1.2	15
13	A Scoping Review of Patient-Facing, Behavioral Health Interventions with Voice Assistant Technology Targeting Self-management and Healthy Lifestyle Behaviors. <i>SSRN Electronic Journal</i> , 0, , .	0.4	14
14	SurfCon. , 2019, , .		13
15	Multi-View Deep Learning Framework for Predicting Patient Expenditure in Healthcare. <i>IEEE Open Journal of the Computer Society</i> , 2021, 2, 62-71.	5.2	13
16	Factors Associated With Electronic Health Record Usage Among Primary Care Physicians After Hours: Retrospective Cohort Study. <i>JMIR Human Factors</i> , 2019, 6, e13779.	1.0	13
17	Context-Sensitive Spelling Correction of Consumer-Generated Content on Health Care. <i>JMIR Medical Informatics</i> , 2015, 3, e27.	1.3	13
18	Clinical exome sequencing reports: current informatics practice and future opportunities. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1184-1191.	2.2	12

#	ARTICLE	IF	CITATIONS
19	Comorbidities in Childhood Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 488-493.	0.9	11
20	Delivering Perinatal Health Information via a Voice Interactive App (SMILE): Mixed Methods Feasibility Study. <i>JMIR Formative Research</i> , 2021, 5, e18240.	0.7	11
21	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. <i>JMIR Formative Research</i> , 2021, 5, e25503.	0.7	11
22	Documented Reasons of Cancellation and Rescheduling of Telehealth Appointments During the Pandemic. <i>Telemedicine Journal and E-Health</i> , 2021, 27, 1143-1150.	1.6	11
23	Technology-Based Interventions, Assessments, and Solutions for Safe Driving Training for Adolescents: Rapid Review. <i>JMIR MHealth and UHealth</i> , 2019, 7, e11942.	1.8	11
24	The Vitals Risk Index™ Retrospective Performance Analysis of an Automated and Objective Pediatric Early Warning System. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e271.	0.4	11
25	The utility of including pathology reports in improving the computational identification of patients. <i>Journal of Pathology Informatics</i> , 2016, 7, 46.	0.8	10
26	Transcending Dimensions: a Comparative Analysis of Cloaca Imaging in Advancing the Surgeon's Understanding of Complex Anatomy. <i>Journal of Digital Imaging</i> , 2019, 32, 761-765.	1.6	8
27	Unjust: the health records of youth with personal/family justice involvement in a large pediatric health system. <i>Health and Justice</i> , 2021, 9, 20.	0.9	8
28	Simplified Readability Metric Drives Improvement of Radiology Reports: an Experiment on Ultrasound Reports at a Pediatric Hospital. <i>Journal of Digital Imaging</i> , 2017, 30, 710-717.	1.6	7
29	Enabling Online Studies of Conceptual Relationships Between Medical Terms: Developing an Efficient Web Platform. <i>JMIR Medical Informatics</i> , 2014, 2, e23.	1.3	7
30	Prevalence of Sensitive Terms in Clinical Notes Using Natural Language Processing Techniques: Observational Study. <i>JMIR Medical Informatics</i> , 2022, 10, e38482.	1.3	7
31	A Machine Learning Approach to Uncovering Hidden Utilization Patterns of Early Childhood Dental Care Among Medicaid-Insured Children. <i>Frontiers in Public Health</i> , 2020, 8, 599187.	1.3	6
32	A Fuzzy-Match Search Engine for Physician Directories. <i>JMIR Medical Informatics</i> , 2014, 2, e30.	1.3	6
33	It Is a Life Journey: A Roadmap of Teens With Chronic Diseases in Transitioning to Independence. <i>Journal of Pediatric Health Care</i> , 2020, 34, 346-355.	0.6	5
34	Computerized "Learn-As-You-Go" classification of traumatic brain injuries using NEISS narrative data. <i>Accident Analysis and Prevention</i> , 2016, 89, 111-117.	3.0	4
35	Adolescents' attitudes and intentions to use a smartphone app to promote safe driving. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 4, 100090.	1.6	4
36	Device-free Sleep Stage Recognition through Bed Frame Vibration Sensing. , 2019, , .		4

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37	Medical Text Prediction and Suggestion Using Generative Pretrained Transformer Models with Dental Medical Notes. <i>Methods of Information in Medicine</i> , 2022, 61, 195-200.	0.7	4
38	Evaluation of an Activity Tracker to Detect Seizures Using Machine Learning. <i>Journal of Child Neurology</i> , 2020, 35, 873-878.	0.7	3
39	Detecting Screams From Home Audio Recordings to Identify Tantrums: Exploratory Study Using Transfer Machine Learning. <i>JMIR Formative Research</i> , 2020, 4, e18279.	0.7	3
40	Pretrained transformer framework on pediatric claims data for population specific tasks. <i>Scientific Reports</i> , 2022, 12, 3651.	1.6	3
41	Locating Youth Exposed to Parental Justice Involvement in the Electronic Health Record: Development of a Natural Language Processing Model. <i>JMIR Pediatrics and Parenting</i> , 2022, 5, e33614.	0.8	3
42	Drug Repurposing Hypothesis Generation Using the "RE:fine Drugs" System. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2
43	Transferring Exome Sequencing Data from Clinical Laboratories to Healthcare Providers: Lessons Learned at a Pediatric Hospital. <i>Frontiers in Genetics</i> , 2018, 9, 54.	1.1	2
44	Transformer-based unsupervised patient representation learning based on medical claims for risk stratification and analysis. , 2021, , .		2
45	The Association Between App-Administered Depression Assessments and Suicidal Ideation in User Comments: Retrospective Observational Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e18392.	1.8	2
46	Rapid Development of a Telehealth Patient Satisfaction Survey Using a Multi-Stakeholder Approach. <i>Telemedicine Journal and E-Health</i> , 2022, , .	1.6	2
47	ACTONNECT: A Platform to Support Patients and Researchers Collaboration. , 2014, , .		1
48	Turning Digital Trails into a Telehealth Competitive Edge. <i>Telemedicine Journal and E-Health</i> , 2021, , .	1.6	1
49	Prediction of Clinical Outcomes of Spinal Muscular Atrophy Using Motion Tracking Data and Elastic Net Regression. , 2018, , .		1
50	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. <i>JMIR Medical Informatics</i> , 2022, 10, e34787.	1.3	1