

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

759233

12
h-index

677142

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. | 10.9 | 90 |
| 2 | Collecting and Analyzing Patient Experiences of Health Care From Social Media. <i>JMIR Research Protocols</i> , 2015, 4, e78. | 1.0 | 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. | 2.6 | 52 |
| 4 | Practical considerations in genomic decision support: The eMERGE experience. <i>Journal of Pathology Informatics</i> , 2015, 6, 50. | 1.7 | 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. | 2.4 | 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. | 3.7 | 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. | 4.3 | 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. | 3.3 | 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. | 4.3 | 20 |
| 10 | The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331. | 2.0 | 18 |
| 11 | A conceptual model for translating omic data into clinical action. <i>Journal of Pathology Informatics</i> , 2015, 6, 46. | 1.7 | 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. | 2.4 | 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. | 7.8 | 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. | 2.0 | 13 |
| 17 | Context-Sensitive Spelling Correction of Consumer-Generated Content on Health Care. <i>JMIR Medical Informatics</i> , 2015, 3, e27. | 2.6 | 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. | 4.4 | 12 |

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|----|--|-----|-----------|
| 19 | Comorbidities in Childhood Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 488-493. | 1.8 | 11 |
| 20 | Delivering Perinatal Health Information via a Voice Interactive App (SMILE): Mixed Methods Feasibility Study. <i>JMIR Formative Research</i> , 2021, 5, e18240. | 1.4 | 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. | 1.4 | 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. | 2.8 | 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. | 3.7 | 11 |
| 24 | The Vitals Risk Index—Retrospective Performance Analysis of an Automated and Objective Pediatric Early Warning System. <i>Pediatric Quality & Safety</i> , 2020, 5, e271. | 0.8 | 11 |
| 25 | The utility of including pathology reports in improving the computational identification of patients. <i>Journal of Pathology Informatics</i> , 2016, 7, 46. | 1.7 | 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. | 2.9 | 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. | 2.1 | 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. | 2.9 | 7 |
| 29 | Enabling Online Studies of Conceptual Relationships Between Medical Terms: Developing an Efficient Web Platform. <i>JMIR Medical Informatics</i> , 2014, 2, e23. | 2.6 | 7 |
| 30 | Prevalence of Sensitive Terms in Clinical Notes Using Natural Language Processing Techniques: Observational Study. <i>JMIR Medical Informatics</i> , 2022, 10, e38482. | 2.6 | 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. | 2.7 | 6 |
| 32 | A Fuzzy-Match Search Engine for Physician Directories. <i>JMIR Medical Informatics</i> , 2014, 2, e30. | 2.6 | 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. | 1.2 | 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. | 5.7 | 4 |
| 35 | Adolescents' attitudes and intentions to use a smartphone app to promote safe driving. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 4, 100090. | 2.7 | 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. | 1.2 | 4 |
| 38 | Evaluation of an Activity Tracker to Detect Seizures Using Machine Learning. <i>Journal of Child Neurology</i> , 2020, 35, 873-878. | 1.4 | 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. | 1.4 | 3 |
| 40 | Pretrained transformer framework on pediatric claims data for population specific tasks. <i>Scientific Reports</i> , 2022, 12, 3651. | 3.3 | 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. | 1.6 | 3 |
| 42 | Drug Repurposing Hypothesis Generation Using the "RE:fine Drugs" System. <i>Journal of Visualized Experiments</i> , 2016, , . | 0.3 | 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. | 2.3 | 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. | 3.7 | 2 |
| 46 | Rapid Development of a Telehealth Patient Satisfaction Survey Using a Multi-Stakeholder Approach. <i>Telemedicine Journal and E-Health</i> , 2022, , . | 2.8 | 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, , . | 2.8 | 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. | 2.6 | 1 |