

Yungui Huang

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

814
citations

840119

11
h-index

580395

25
g-index

58
all docs

58
docs citations

58
times ranked

1091
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Graph embedding on biomedical networks: methods, applications and evaluations. <i>Bioinformatics</i> , 2020, 36, 1241-1251. | 1.8 | 253 |
| 2 | 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 |
| 3 | â€œRE:fine drugsâ€™: an interactive dashboard to access drug repurposing opportunities. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw083. | 1.4 | 41 |
| 4 | 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 |
| 5 | 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 |
| 6 | Assessment of Prevalence of Adolescent Patient Portal Account Access by Guardians. <i>JAMA Network Open</i> , 2021, 4, e2124733. | 2.8 | 32 |
| 7 | Virtual Realityâ€‘Based Executive Function Rehabilitation System for Children With Traumatic Brain Injury: Design and Usability Study. <i>JMIR Serious Games</i> , 2020, 8, e16947. | 1.7 | 27 |
| 8 | A molecular genetic study of autism and related phenotypes in extended pedigrees. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 30. | 1.5 | 23 |
| 9 | A Review on Genomics APIs. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 8-15. | 1.9 | 20 |
| 10 | Association statistics under the PPL framework. <i>Genetic Epidemiology</i> , 2010, 34, 835-845. | 0.6 | 14 |
| 11 | 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 |
| 12 | The Financial Impact of Genetic Diseases in a Pediatric Accountable Care Organization. <i>Frontiers in Public Health</i> , 2020, 8, 58. | 1.3 | 14 |
| 13 | Feasibility and usability study of a pilot immersive virtual realityâ€‘based empathy training for dental providers. <i>Journal of Dental Education</i> , 2021, 85, 856-865. | 0.7 | 14 |
| 14 | SurfCon. , 2019, , . | | 13 |
| 15 | 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 |
| 16 | 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 |
| 17 | Comorbidities in Childhood Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 488-493. | 0.9 | 11 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | The Vitals Risk Index—Retrospective Performance Analysis of an Automated and Objective Pediatric Early Warning System. <i>Pediatric Quality & Safety</i> , 2020, 5, e271. | 0.4 | 11 |
| 22 | 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 |
| 23 | Measuring Telehealth Visit Length and Schedule Adherence Using Videoconferencing Data. <i>Telemedicine Journal and E-Health</i> , 2022, 28, 976-984. | 1.6 | 8 |
| 24 | Associations of Telehealth Care Delivery with Pediatric Health Care Provider Well-Being. <i>Applied Clinical Informatics</i> , 2022, 13, 230-241. | 0.8 | 8 |
| 25 | 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 |
| 26 | DeepSuggest: Using Neural Networks to Suggest Related Keywords for a Comprehensive Search of Clinical Notes. <i>ACI Open</i> , 2021, 05, e1-e12. | 0.2 | 7 |
| 27 | “Hey Siri, Help Me Take Care of My Child”: A Feasibility Study With Caregivers of Children With Special Healthcare Needs Using Voice Interaction and Automatic Speech Recognition in Remote Care Management. <i>Frontiers in Public Health</i> , 2022, 10, 849322. | 1.3 | 7 |
| 28 | 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 |
| 29 | Employing MCMC under the PPL framework to analyze sequence data in large pedigrees. <i>Frontiers in Genetics</i> , 2013, 4, 59. | 1.1 | 6 |
| 30 | Rest Evaluation for Active Concussion Treatment (ReAct) Protocol: a prospective cohort study of levels of physical and cognitive rest after youth sports-related concussion. <i>BMJ Open</i> , 2019, 9, e028386. | 0.8 | 6 |
| 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 | Next-generation linkage and association methods applied to hypertension: a multifaceted approach to the analysis of sequence data. <i>BMC Proceedings</i> , 2014, 8, S111. | 1.8 | 5 |
| 33 | A natural language processing pipeline to synthesize patient-generated notes toward improving remote care and chronic disease management: a cystic fibrosis case study. <i>JAMIA Open</i> , 2021, 4, ooab084. | 1.0 | 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 | A Medical Translation Assistant for Non-English-Speaking Caregivers of Children With Special Health Care Needs: Proposal for a Scalable and Interoperable Mobile App. <i>JMIR Research Protocols</i> , 2020, 9, e21038. | 0.5 | 4 |
| 36 | Evaluation of an Activity Tracker to Detect Seizures Using Machine Learning. <i>Journal of Child Neurology</i> , 2020, 35, 873-878. | 0.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Rapid Development of a Telehealth Patient Satisfaction Survey Using a Multi-Stakeholder Approach. <i>Telemedicine Journal and E-Health</i> , 2022, , . | 1.6 | 2 |
| 40 | Turning Digital Trails into a Telehealth Competitive Edge. <i>Telemedicine Journal and E-Health</i> , 2021, , . | 1.6 | 1 |
| 41 | Meta-Analysis of Repository Data: Impact of Data Regularization on NIMH Schizophrenia Linkage Results. <i>PLoS ONE</i> , 2014, 9, e84696. | 1.1 | 1 |
| 42 | 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 |