

Yungui Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8744178/publications.pdf>

Version: 2024-02-01

42
papers

814
citations

840776

11
h-index

580821

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.	4.1	253
2	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
3	â€˜RE:fine drugsâ€™: an interactive dashboard to access drug repurposing opportunities. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw083.	3.0	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.	2.4	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.	4.3	34
6	Assessment of Prevalence of Adolescent Patient Portal Account Access by Guardians. <i>JAMA Network Open</i> , 2021, 4, e2124733.	5.9	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.	3.1	27
8	A molecular genetic study of autism and related phenotypes in extended pedigrees. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 30.	3.1	23
9	A Review on Genomics APIs. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 8-15.	4.1	20
10	Association statistics under the PPL framework. <i>Genetic Epidemiology</i> , 2010, 34, 835-845.	1.3	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.	2.7	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.	1.2	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.	2.0	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.	4.4	12
17	Comorbidities in Childhood Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 488-493.	1.8	11
18	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

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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.	1.4	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.	2.8	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.	0.8	11
22	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
23	Measuring Telehealth Visit Length and Schedule Adherence Using Videoconferencing Data. <i>Telemedicine Journal and E-Health</i> , 2022, 28, 976-984.	2.8	8
24	Associations of Telehealth Care Delivery with Pediatric Health Care Provider Well-Being. <i>Applied Clinical Informatics</i> , 2022, 13, 230-241.	1.7	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.	2.9	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.	0.5	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.	2.7	7
28	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
29	Employing MCMC under the PPL framework to analyze sequence data in large pedigrees. <i>Frontiers in Genetics</i> , 2013, 4, 59.	2.3	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.	1.9	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.	2.7	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.	1.6	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.	2.0	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.	5.7	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.	1.0	4
36	Evaluation of an Activity Tracker to Detect Seizures Using Machine Learning. <i>Journal of Child Neurology</i> , 2020, 35, 873-878.	1.4	3

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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.	2.3	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.	3.7	2
39	Rapid Development of a Telehealth Patient Satisfaction Survey Using a Multi-Stakeholder Approach. <i>Telemedicine Journal and E-Health</i> , 2022, , .	2.8	2
40	Turning Digital Trails into a Telehealth Competitive Edge. <i>Telemedicine Journal and E-Health</i> , 2021, , .	2.8	1
41	Meta-Analysis of Repository Data: Impact of Data Regularization on NIMH Schizophrenia Linkage Results. <i>PLoS ONE</i> , 2014, 9, e84696.	2.5	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.	2.6	1