

Hee Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6206678/publications.pdf>

Version: 2024-02-01

98
papers

2,125
citations

304602

22
h-index

315616

38
g-index

110
all docs

110
docs citations

110
times ranked

3534
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of length of hospital stay using electronic health records: A statistical and data mining approach. <i>PLoS ONE</i> , 2018, 13, e0195901.	1.1	200
2	Analysis of the factors influencing healthcare professionals' adoption of mobile electronic medical record (EMR) using the unified theory of acceptance and use of technology (UTAUT) in a tertiary hospital. <i>BMC Medical Informatics and Decision Making</i> , 2015, 16, 12.	1.5	176
3	Impact of Electronic Acute Kidney Injury (AKI) Alerts With Automated Nephrologist Consultation on Detection and Severity of AKI: A Quality Improvement Study. <i>American Journal of Kidney Diseases</i> , 2018, 71, 9-19.	2.1	102
4	Multifactorial intervention in diabetes care using real-time monitoring and tailored feedback in type 2 diabetes. <i>Acta Diabetologica</i> , 2016, 53, 189-198.	1.2	96
5	Seoul National University Bundang Hospital's Electronic System for Total Care. <i>Healthcare Informatics Research</i> , 2012, 18, 145.	1.0	73
6	Digital public health and COVID-19. <i>Lancet Public Health</i> , The, 2020, 5, e469-e470.	4.7	68
7	Impact of an Electronic Health Record-Integrated Personal Health Record on Patient Participation in Health Care: Development and Randomized Controlled Trial of MyHealthKeeper. <i>Journal of Medical Internet Research</i> , 2017, 19, e401.	2.1	67
8	Surgical outcome and predictive factors of epilepsy surgery in pediatric isolated focal cortical dysplasia. <i>Epilepsy Research</i> , 2018, 139, 54-59.	0.8	55
9	Discovery of Outpatient Care Process of a Tertiary University Hospital Using Process Mining. <i>Healthcare Informatics Research</i> , 2013, 19, 42.	1.0	41
10	New antiepileptic drugs in pediatric epilepsy. <i>Brain and Development</i> , 2008, 30, 549-555.	0.6	40
11	Survey on the demand for adoption of Internet of Things (IoT)-based services in hospitals: Investigation of nurses' perception in a tertiary university hospital. <i>Applied Nursing Research</i> , 2019, 47, 18-23.	1.0	40
12	Lacosamide as an adjunctive therapy in pediatric patients with refractory focal epilepsy. <i>Brain and Development</i> , 2014, 36, 510-515.	0.6	39
13	Can a health information exchange save healthcare costs? Evidence from a pilot program in South Korea. <i>International Journal of Medical Informatics</i> , 2015, 84, 658-666.	1.6	39
14	Assessment of hospital processes using a process mining technique: Outpatient process analysis at a tertiary hospital. <i>International Journal of Medical Informatics</i> , 2016, 88, 34-43.	1.6	38
15	A novel concept for integrating and delivering health information using a comprehensive digital dashboard: An analysis of healthcare professionals' intention to adopt a new system and the trend of its real usage. <i>International Journal of Medical Informatics</i> , 2017, 97, 98-108.	1.6	34
16	Architecture Design of Healthcare Software-as-a-Service Platform for Cloud-Based Clinical Decision Support Service. <i>Healthcare Informatics Research</i> , 2015, 21, 102.	1.0	32
17	A personalized mobile patient guide system for a patient-centered smart hospital: Lessons learned from a usability test and satisfaction survey in a tertiary university hospital. <i>International Journal of Medical Informatics</i> , 2016, 91, 20-30.	1.6	31
18	Physicians' Perceptions and Use of a Health Information Exchange: A Pilot Program in South Korea. <i>Telemedicine Journal and E-Health</i> , 2012, 18, 604-612.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Chromosomal Microarray With Clinical Diagnostic Utility in Children With Developmental Delay or Intellectual Disability. <i>Annals of Laboratory Medicine</i> , 2018, 38, 473-480.	1.2	27
20	Serum α -synuclein and IL-1 β are increased and correlated with measures of disease severity in children with epilepsy: potential prognostic biomarkers?. <i>BMC Neurology</i> , 2020, 20, 85.	0.8	27
21	Diagnostic Yield of Epilepsy Panel Testing in Patients With Seizure Onset Within the First Year of Life. <i>Frontiers in Neurology</i> , 2019, 10, 988.	1.1	26
22	Enhancing User Experience Through User Study: Design of an mHealth Tool for Self-Management and Care Engagement of Cardiovascular Disease Patients. <i>JMIR Cardio</i> , 2018, 2, e3.	0.7	26
23	Electronically implemented clinical indicators based on a data warehouse in a tertiary hospital: Its clinical benefit and effectiveness. <i>International Journal of Medical Informatics</i> , 2014, 83, 507-516.	1.6	25
24	Development and User Research of a Smart Bedside Station System toward Patient-Centered Healthcare System. <i>Journal of Medical Systems</i> , 2015, 39, 86.	2.2	24
25	Screening Autoimmune Anti-neuronal Antibodies in Pediatric Patients with Suspected Autoimmune Encephalitis. <i>Journal of Epilepsy Research</i> , 2014, 4, 55-61.	0.1	24
26	Development of Comprehensive Personal Health Records Integrating Patient-Generated Health Data Directly From Samsung S-Health and Apple Health Apps: Retrospective Cross-Sectional Observational Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12691.	1.8	24
27	Developing a Common Health Information Exchange Platform to Implement a Nationwide Health Information Network in South Korea. <i>Healthcare Informatics Research</i> , 2015, 21, 21.	1.0	23
28	Hospital information systems: experience at the fully digitized Seoul National University Bundang Hospital. <i>Journal of Thoracic Disease</i> , 2016, 8, S637-S641.	0.6	23
29	Improving Prediction of Fall Risk Using Electronic Health Record Data With Various Types and Sources at Multiple Times. <i>CIN - Computers Informatics Nursing</i> , 2020, 38, 157-164.	0.3	23
30	Leigh Syndrome in Childhood: Neurologic Progression and Functional Outcome. <i>Journal of Clinical</i>		

#	ARTICLE	IF	CITATIONS
37	Clinical and mutational spectrum in Korean patients with Rubinstein-Taybi syndrome: The spectrum of brain MRI abnormalities. <i>Brain and Development</i> , 2015, 37, 402-408.	0.6	19
38	Influence of MECP2 Gene Mutation and X-Chromosome Inactivation on the Rett Syndrome Phenotype. <i>Journal of Child Neurology</i> , 2004, 19, 503-508.	0.7	18
39	Transformation of Pathology Reports Into the Common Data Model With Oncology Module: Use Case for Colon Cancer. <i>Journal of Medical Internet Research</i> , 2020, 22, e18526.	2.1	18
40	Barriers and Facilitators to Implementation of Medication Decision Support Systems in Electronic Medical Records: Mixed Methods Approach Based on Structural Equation Modeling and Qualitative Analysis. <i>JMIR Medical Informatics</i> , 2020, 8, e18758.	1.3	18
41	A study of user requests regarding the fully electronic health record system at Seoul National University Bundang Hospital: Challenges for future electronic health record systems. <i>International Journal of Medical Informatics</i> , 2013, 82, 387-397.	1.6	17
42	Genetic diagnosis of infantile-onset epilepsy in the clinic: Application of whole-exome sequencing following epilepsy gene panel testing. <i>Clinical Genetics</i> , 2021, 99, 418-424.	1.0	17
43	User Perspectives on Barriers and Facilitators to the Implementation of Electronic Health Records in Behavioral Hospitals: Qualitative Study. <i>JMIR Formative Research</i> , 2021, 5, e18764.	0.7	16
44	Converting clinical document architecture documents to the common data model for incorporating health information exchange data in observational health studies: CDA to CDM. <i>Journal of Biomedical Informatics</i> , 2020, 107, 103459.	2.5	15
45	Analysis of antiseizure drug-related adverse reactions from the electronic health record using the common data model. <i>Epilepsia</i> , 2020, 61, 610-616.	2.6	15
46	The Korean undiagnosed diseases program: lessons from a one-year pilot project. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 68.	1.2	14
47	Electronic Alerts with Automated Consultations Promote Appropriate Antimicrobial Prescriptions. <i>PLoS ONE</i> , 2016, 11, e0160551.	1.1	14
48	Establishing a Personal Health Record System in an Academic Hospital: One Year's Experience. <i>Korean Journal of Family Medicine</i> , 2015, 36, 121.	0.4	14
49	Magnetoencephalography in Pediatric Lesional Epilepsy Surgery. <i>Journal of Korean Medical Science</i> , 2012, 27, 668.	1.1	13
50	Characterization of Anti-seizure Medication Treatment Pathways in Pediatric Epilepsy Using the Electronic Health Record-Based Common Data Model. <i>Frontiers in Neurology</i> , 2020, 11, 409.	1.1	13
51	Electroencephalographic Resting-State Functional Connectivity of Benign Epilepsy with		

#	ARTICLE	IF	CITATIONS
55	Hypokalemic periodic paralysis; two different genes responsible for similar clinical manifestations. Korean Journal of Pediatrics, 2011, 54, 473.	1.9	11
56	Management of cardiovascular disease using an mHealth tool: a randomized clinical trial. Npj Digital Medicine, 2021, 4, 165.	5.7	11
57	Conformance Analysis of Clinical Pathway Using Electronic Health Record Data. Healthcare Informatics Research, 2015, 21, 161.	1.0	10
58	Acceptability and feasibility of the Leapfrog computerized physician order entry evaluation tool for hospitals outside the United States. International Journal of Medical Informatics, 2015, 84, 694-701.	1.6	10
59	Inpatient satisfaction and usage patterns of personalized smart bedside station system for patient-centered service at a tertiary university hospital. International Journal of Medical Informatics, 2016, 95, 35-42.	1.6	10
60	Averaged EEG spike dipole analysis may predict atypical outcome in Benign Childhood Epilepsy with Centrotemporal Spikes (BCECTS). Brain and Development, 2016, 38, 903-908.	0.6	10
61	Familial cases of progressive myoclonic epilepsy caused by maternal somatic mosaicism of a recurrent KCNC1 p.Arg320His mutation. Brain and Development, 2018, 40, 429-432.	0.6	10
62	Antiepileptic Drug Withdrawal after Surgery in Children with Focal Cortical Dysplasia: Seizure		

#	ARTICLE	IF	CITATIONS
73	A Unique Mutational Spectrum of <i>MLC1</i> in Korean Patients With Megalencephalic Leukoencephalopathy With Subcortical Cysts: p.Ala275Asp Founder Mutation and Maternal Uniparental Disomy of Chromosome 22. <i>Annals of Laboratory Medicine</i> , 2017, 37, 516-521.	1.2	6
74	Importance of early diagnosis in <i>LMNA</i> -related muscular dystrophy for cardiac surveillance. <i>Muscle and Nerve</i> , 2019, 60, 668-672.	1.0	6
75	Deep Convolutional Neural Network Based Interictal-Preictal Electroencephalography Prediction: Application to Focal Cortical Dysplasia Type-II. <i>Frontiers in Neurology</i> , 2020, 11, 594679.	1.1	6
76	Factors Associated with Favorable Outcome of Topiramate Migraine Prophylaxis in Pediatric Patients.		

#	ARTICLE	IF	CITATIONS
91	Wide heterogeneity of congenital myasthenic syndromes: analysis of clinical experience in a tertiary center. <i>Journal of Genetic Medicine</i> , 2020, 17, 73-78.	0.1	2
92	How IT preparedness helped to create a digital field hospital to care for COVID-19 patients in S. Korea. <i>Npj Digital Medicine</i> , 2020, 3, 157.	5.7	1
93	Creating the conditions for a learning epilepsy care system. <i>Epilepsia</i> , 2021, 62, 217-219.	2.6	1
94	Early-onset autosomal dominant GTP-cyclohydrolase I deficiency: Diagnostic delay and residual motor signs. <i>Brain and Development</i> , 2021, 43, 759-767.	0.6	1
95	A Neonatal Form of Alexander Disease Presented with Intractable Seizures and Obstructive Hydrocephalus. <i>Journal of Genetic Medicine</i> , 2013, 10, 113-116.	0.1	1
96	A familial case of limb-girdle muscular dystrophy with CAV3 mutation. <i>Journal of Genetic Medicine</i> , 2019, 16, 67-70.	0.1	1
97	Development of digital dashboard system for medical practice: maximizing efficiency of medical information retrieval and communication. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 1091.	0.2	1
98	A case of Menkes disease with unusual hepatomegaly. <i>Korean Journal of Pediatrics</i> , 2008, 51, 538.	1.9	0