

Hee Hwang

List of Publications by Year in descending order

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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	Big data analysis and artificial intelligence in epilepsy – common data model analysis and machine learning-based seizure detection and forecasting. <i>Clinical and Experimental Pediatrics</i> , 2022, 65, 272-282.	0.9	3
2	Clinico-radiological characteristics of anti-myelin oligodendrocyte glycoprotein antibody-associated autoimmune encephalitis in children. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 998-1007.	1.1	5
3	Patient-Level Fall Risk Prediction Using the Observational Medical Outcomes Partnership™s Common Data Model: Pilot Feasibility Study. <i>JMIR Medical Informatics</i> , 2022, 10, e35104.	1.3	7
4	Recent trends of healthcare information and communication technologies in pediatrics: a systematic review. <i>Clinical and Experimental Pediatrics</i> , 2022, 65, 291-299.	0.9	5
5	Creating the conditions for a learning epilepsy care system. <i>Epilepsia</i> , 2021, 62, 217-219.	2.6	1
6	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
7	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
8	Effects of an activity tracker with feedback on physical activity in women after midline laparotomy: A randomized controlled trial. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 2544-2550.	0.6	9
9	Impact of a computerised clinical decision support system on vancomycin loading and the risk of nephrotoxicity. <i>International Journal of Medical Informatics</i> , 2021, 149, 104403.	1.6	2
10	Impact of mobile health application on data collection and self-management of epilepsy. <i>Epilepsy and Behavior</i> , 2021, 119, 107982.	0.9	9
11	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
12	Management of cardiovascular disease using an mHealth tool: a randomized clinical trial. <i>Npj Digital Medicine</i> , 2021, 4, 165.	5.7	11
13	The Role of Focal Epilepsy Features in Defining <i>SCN1A</i> Mutation-positive Dravet Syndrome as Generalized and Focal Epilepsy. <i>Journal of Epilepsy Research</i> , 2021, 11, 127-135.	0.1	3
14	Developing data-driven clinical pathways using electronic health records: The cases of total laparoscopic hysterectomy and rotator cuff tears. <i>International Journal of Medical Informatics</i> , 2020, 133, 104015.	1.6	12
15	Change of centrotemporal spikes from onset to remission in self-limited epilepsy with centrotemporal spikes (SLECTS). <i>Brain and Development</i> , 2020, 42, 270-276.	0.6	4
16	Developing a mobile epilepsy management application integrated with an electronic health record for effective seizure management. <i>International Journal of Medical Informatics</i> , 2020, 134, 104051.	1.6	21
17	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
18	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

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19	Digital public health and COVID-19. <i>Lancet Public Health</i> , The, 2020, 5, e469-e470.	4.7	68
20	Barriers and facilitators to implementation of nationwide electronic health records in the Russian Far East: A qualitative analysis. <i>International Journal of Medical Informatics</i> , 2020, 143, 104244.	1.6	7
21	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
22	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
23	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
24	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
25	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
26	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
27	Perspectives of Patients, Health Care Professionals, and Developers Toward Blockchain-Based Health Information Exchange: Qualitative Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e18582.	2.1	20
28	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
29	Clinical Spectrum of Myelin Oligodendrocyte Glycoprotein-Immunoglobulin G-Associated Disease in		

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37	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

38 Electroencephalographic Resting-State Functional Connectivity of Benign Epilepsy with

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

#	ARTICLE	IF	CITATIONS
55	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. International Journal of Medical Informatics, 2017, 97, 98-108.	1.6	34

56 Factors Associated with Favorable Outcome of Topiramate Migraine Prophylaxis in Pediatric Patients.

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73	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
74	Conformance Analysis of Clinical Pathway Using Electronic Health Record Data. <i>Healthcare Informatics Research</i> , 2015, 21, 161.	1.0	10
75	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
76	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
77	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
78	Acceptability and feasibility of the Leapfrog computerized physician order entry evaluation tool for hospitals outside the United States. <i>International Journal of Medical Informatics</i> , 2015, 84, 694-701.	1.6	10
79	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
80	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
81	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
82	Lacosamide as an adjunctive therapy in pediatric patients with refractory focal epilepsy. <i>Brain and Development</i> , 2014, 36, 510-515.	0.6	39
83	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
84	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
85	Discovery of Outpatient Care Process of a Tertiary University Hospital Using Process Mining. <i>Healthcare Informatics Research</i> , 2013, 19, 42.	1.0	41
86	Magnetoencephalography in pediatric epilepsy. <i>Korean Journal of Pediatrics</i> , 2013, 56, 431.	1.9	7
87	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
88	A study of user requests regarding the fully electronic health record system at Seoul National University Bundang Hospital. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 1015.	0.2	8
89	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
90	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

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91	Seoul National University Bundang Hospital's Electronic System for Total Care. Healthcare Informatics Research, 2012, 18, 145.	1.0	73
92	Magnetoencephalography in Pediatric Lesional Epilepsy Surgery. Journal of Korean Medical Science, 2012, 27, 668.	1.1	13
93	Monitor Preference for Electronic Medical Record in Outpatient Clinic. Healthcare Informatics Research, 2012, 18, 266.	1.0	2
94	Predictive Value of Electroencephalography for Seizure Outcome Following Corpus Callosotomy in Children. Journal of Epilepsy Research, 2011, 1, 65-70.	0.1	2
95	Hypokalemic periodic paralysis; two different genes responsible for similar clinical manifestations. Korean Journal of Pediatrics, 2011, 54, 473.	1.9	11
96	New antiepileptic drugs in pediatric epilepsy. Brain and Development, 2008, 30, 549-555.	0.6	40
97	A case of Menkes disease with unusual hepatomegaly. Korean Journal of Pediatrics, 2008, 51, 538.	1.9	0
98	Influence of MECP2 Gene Mutation and X-Chromosome Inactivation on the Rett Syndrome Phenotype. Journal of Child Neurology, 2004, 19, 503-508.	0.7	18