Jinwook Choi

List of Publications by Year
in descending order

46 papers	522 citations	840776 11 h-index	713466 21 g-index
49 all docs	49 docs citations	49 times ranked	650 citing authors

#	Article	IF	Citations
1	Evaluation of Transfer Learning with Deep Convolutional Neural Networks for Screening Osteoporosis in Dental Panoramic Radiographs. Journal of Clinical Medicine, 2020, 9, 392.	2.4	98
2	PAIP 2019: Liver cancer segmentation challenge. Medical Image Analysis, 2021, 67, 101854.	11.6	52
3	MobileNurse: hand-held information system for point of nursing care. Computer Methods and Programs in Biomedicine, 2004, 74, 245-254.	4.7	43
4	MobileMed: A PDA-Based Mobile Clinical Information System. IEEE Transactions on Information Technology in Biomedicine, 2006, 10, 627-635.	3.2	43
5	Semantic concept-enriched dependence model for medical information retrieval. Journal of Biomedical Informatics, 2014, 47, 18-27.	4.3	31
6	An SVM-based high-quality article classifier for systematic reviews. Journal of Biomedical Informatics, 2014, 47, 153-159.	4.3	29
7	Seasonal Variation in Hemoglobin A1c in Korean Patients with Type 2 Diabetes Mellitus. Journal of Korean Medical Science, 2014, 29, 550.	2.5	22
8	Impact of a Telehealth Program With Voice Recognition Technology in Patients With Chronic Heart Failure: Feasibility Study. JMIR MHealth and UHealth, 2017, 5, e127.	3.7	17
9	Conditional random fields for clinical named entity recognition: A comparative study using Korean clinical texts. Computers in Biology and Medicine, 2018, 101, 7-14.	7.0	16
10	Combining relevancy and methodological quality into a single ranking for evidence-based medicine. Information Sciences, 2012, 214, 76-90.	6.9	14
11	Causality patterns and machine learning for the extraction of problem-action relations in discharge summaries. International Journal of Medical Informatics, 2017, 98, 1-12.	3.3	14
12	Automated extraction of Biomarker information from pathology reports. BMC Medical Informatics and Decision Making, 2018, 18, 29.	3.0	14
13	Medical Image Captioning Model to Convey More Details: Methodological Comparison of Feature Difference Generation. IEEE Access, 2021, 9, 150560-150568.	4.2	13
14	Prediction of Critical Care Outcome for Adult Patients Presenting to Emergency Department Using Initial Triage Information: An XGBoost Algorithm Analysis. JMIR Medical Informatics, 2021, 9, e30770.	2.6	12
15	Functional fine-mapping of noncoding risk variants in amyotrophic lateral sclerosis utilizing convolutional neural network. Scientific Reports, 2020, 10, 12872.	3.3	11
16	Use of Time-to-Event Analysis to Develop On-Scene Return of Spontaneous Circulation Prediction for Out-of-Hospital Cardiac Arrest Patients. Annals of Emergency Medicine, 2022, 79, 132-144.	0.6	9
17	Toward the Automatic Generation of the Entry Level CDA Documents. Journal of Korean Society of Medical Informatics, 2009, 15, 141.	0.3	7
18	V-Model: a new perspective for EHR-based phenotyping. BMC Medical Informatics and Decision Making, 2014, 14, 90.	3.0	7

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19	Temporal Segmentation for Capturing Snapshots of Patient Histories in Korean Clinical Narrative. Healthcare Informatics Research, 2018, 24, 179.	1.9	7
20	Functional annotation of noncoding causal variants in autoimmune diseases. Genomics, 2020, 112, 1208-1213.	2.9	7
21	Thirty-day hospital readmission prediction model based on common data model with weather and air quality data. Scientific Reports, 2021, 11, 23313.	3.3	7
22	Development of Prediction Models for Unplanned Hospital Readmission within 30 Days Based on Common Data Model: A Feasibility Study. Methods of Information in Medicine, 2021, , .	1.2	6
23	Development and operation of a digital platform for sharing pathology image data. BMC Medical Informatics and Decision Making, 2021, 21, 114.	3.0	5
24	Accuracy of Cloud-Based Speech Recognition Open Application Programming Interface for Medical Terms of Korean. Journal of Korean Medical Science, 2022, 37, e144.	2.5	5
25	The comparative study on concept representation between the UMLS and the clinical terms in Korean medical records. International Journal of Medical Informatics, 2005, 74, 67-76.	3.3	4
26	A central repository for biosignal data. , 2008, , .		3
27	Effect of Latent Semantic Indexing for Clustering Clinical Documents. , 2010, , .		3
28	A weighted sifting method to improve the effectiveness of collaborative filtering. , 0, , .		2
29	Seamless Real-time Clinical Data Integration for Mobile Clinical Information System. , 2005, , .		2
30	Development of u-House Gateway for u-Healthcare. Journal of Korean Society of Medical Informatics, 2009, 15, 465.	0.3	2
31	Future Directions for Next-Generation Hospital Information System. Healthcare Informatics Research, 2015, 21, 1.	1.9	2
32	National Rules for Drug–Drug Interactions: Are They Appropriate for Tertiary Hospitals?. Journal of Korean Medical Science, 2016, 31, 1887.	2.5	2
33	Precursor-induced conditional random fields: connecting separate entities by induction for improved clinical named entity recognition. BMC Medical Informatics and Decision Making, 2019, 19, 132.	3.0	2
34	AI in Medicine: Need of Orchestration for High-Performance. Healthcare Informatics Research, 2019, 25, 139.	1.9	2
35	Effective Query Expansion using Condensed UMLS Metathesaurus for Medical Information Retrieval. Journal of Korean Society of Medical Informatics, 2004, 10, 43.	0.3	2
36	Development of Biosignal Telemonitoring System Based on HL7 and MFER Standard. Journal of Korean Society of Medical Informatics, 2004, 10, 387.	0.3	2

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37	The Expressive Power of SNOMED-CT Compared with the Discharge Summaries. Journal of Korean Society of Medical Informatics, 2005, 11, 265.	0.3	2
38	Development of Ubiquitous Health Monitoring System. , 2007, , .		1
39	DSMS in ubiquitous-healthcare: A Borealis-based heart rate variability monitor. , 2011, , .		1
40	Sequential Integration of Fuzzy Clustering and Expectation Maximization for Transcription Factor Binding Site Identification. Journal of Computational Biology, 2018, 25, 1247-1256.	1.6	1
41	Information extraction from radiology reports mingled two languages. , 0, , .		0
42	Generation of Level 3 CDA Document Using CDA Studio. , 2007, , .		0
43	Information Extraction Using Concept Node Analysis of Brain Radiology Reports Summarization. Journal of Korean Society of Medical Informatics, 2005, 11, 57.	0.3	0
44	Developing Methodologies to Find Abbreviated Laboratory Test Names in Narrative Clinical Documents by Generating High Quality Q-Grams. Studies in Health Technology and Informatics, 2017, 245, 452-456.	0.3	0
45	Development of Ubiquitous Health Monitoring System. , 2007, , .		0
46	Generation of Level 3 CDA Document Using CDA Studio. , 2007, , .		0